WORKFORCE + RESEARCH + EDUCATION RESTORE SUBCOMMITTEE

This is the portal list of projects tied to Workforce+Research+Education related projects. Columns H-P you will note all of the respective sub-committee subjects. These represent check boxes in the portal project application process that an individual submitter may select. Column H and M (the RED + ORANGE column) represents Workforce and Research and Education. Workforce tab represents all portal projects that checked the Workforce box. Education tab represents all portal projects that checked the Research and Education box. Workforce+Res+Education_PARED represents a paired down or filtered list of portal projects. Three classes of filter were placed on the FULL list: 1) projects already funded, going to be implemented, and/or vetted to be not feasible through earlier screening and vetting processes (LIGHT GRAY FILLED) 2) projects mischaracterized or misrepresented - i.e., shouldn't be considered under this respective sub-committee's charge (LIGHT ORANGE) 3) program like projects that are captured under broad program goals like Water Quality, Land Acquisition, and Beneficial Use, or too broad to be implemented as written (LIGHT GREEN)

No project has the "who" submitted the project identified.

MDEQ does not vet portal projects AT ALL. If a submitter says it costs \$1M we assume it does. We only vet a project once is identified as a potential for funding.

64	o Coast	PROJECT ID	PROPOSAL DATE	PROJECT NAME	DISCRIPTION	LOC_COUNTY	WO REFORCE DEVELOPMENT	ECO RE ST ORATION	IN FRASTRUCTURE COMPONENT	IN RASTRUCTURE_BUDGET_PCT	ACT_ECO NOM IC_D EVE LO PIVIENT	RESEARCH AND EDUCATION	SEAFOOD	SAAALL BUSI NESS TOURI SM	ACT_OTHER	ESTIMATED_COST	FUNDING, WALLARLE COMMENTS
	lorkforce evelopment	22	10/19/2013	PVRV Resorts	Solar-Powered RV Resorts described in attachment. Build RV carports high enough to park motorhomes, trailers and even mobile homes in the shade. The idea is to make money from thesun and from renting recreation spaces in the shade. Same concept could be used for more permanent housing for samior citizens living in disaster resistant modular housing.	Hancock Harrison	, Yes	No	Yes	Yes	Yes	No	No	Yes		\$ 1.00	\$ -
W	lorkforce evelopment	47	10/23/2013	Unear Park on Beach Boulevard	The concept is to engage leading indicage a cubricular firm to entablish a mater pipe to transition the Maximppi Golf Coart 2 and mellement and beach they approximate the end of Maxima (and Coart 2 and Coart 2	Harrison	Yes	Yes	No	Yes	Yes	No	No	Ÿes		\$ 100,000.00	\$ -
	lorkforce evelopment	53	10/24/2013	Seafood Receiving.Processing, and Distribution Dock	The proposed location for the Working Waterinet Safold Revenue, Procursing, and Diarributon Dock Is the start of the forme of 20 Vy Fubries which Is located on the east side of the Processing Work just not the full elighneys 80 bries, the follow lay provides are elicity, short term and long term moning, unloading, ice and full service as well as value added processing which occurred at this location from the last 150% to the 1990. This is a sincer effect to revolute the location of the entry of the last term of the last term of the last 100 bries of the Port and the last 100 bries of the	Jackson	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes		\$ 4,881,792.00	\$ -
	lorkforce evelopment	89	10/29/2013	Gulf Coast Prescribed Fire Cooperative	Thosened af acres of private and public logied prior forests, suanna and castal markes within the three castal counties are in need of management extraines including prescribed burning and notic plant control restrice historic and twelfile and plants and a too increase values of privately-aved forest turbs for recreationalises and forest products. This program will castable and anotypized too of professional file practiciones to apply fires a science based management tool on private and and plants utilidands algores to or inclese possible castables do can construct and anotypized too of professional file practiciones to apply fires a science based management too on private and public wildings and anotypized too of the castabilited. Too the provide the too toos type 34 tracked plant extra will be intend to basional Wildiffic condinating (counties) (WICC) atlands. Last and intending a maximum of three terums will be applied too the rest with tending too too apply acrued file for eadport and too. The provide the too the approvale plant for apply acrued file for advance and the science and tending a maximum of three terums will be applied too the rectament and the and management extra of a provide and private based on funding a maximum of three terums will be advanced too. The memory more than the advance too too too too too too too too too to	Hancock Harrison	, Yes	Yes	No	Yes	Yes	No	No	Yes		\$ 25,120,000.00	s .
	lorkforce evelopment	94	1/1/1900	Bayou Grand Shoreline Stabilization	The abject property is one of the last remaining configuous tracts of land along the Missiaghy Gulf Coast of It's size. Since the al gulf in 2010, nearly missiagh significant anount. The expertation, name the judities and there resures providement that result provide much needed aments to the area including board transport to property encount by a guidence and anount and is well positioned to become a large scale multi-sus development that could provide much needed aments to the area including board transport barget provide much draws. At the same line, on intention to its these a large position of the land in a hand tark area and or disrupt the multi-accouptent of histik, wildle and vegetation. The carrent height requirements for building on the land range from 16.18 for above sai level. One there in minimum height requirements, most options for the land area of disrupt the mutatic coxplexen of histik, wildle and vegetation. The carrent height downline and mash netarotions in the site of the multi-activity and the same and the same same same same same same same sam	Jackson	Yes	Yes	Yes	20 Yes	No	Yes	No	Yes		\$ 7,350,000.00	\$ -
D	lorkforce evelopment	96		Pass Christian - East Harbor Expansion Improvements/Enhancements	The City of Pasc Christian is currently constructing a hardrer that is funded via CDB (encouncil development - must create 50 plos in 3 years). CMP grant and PBK back pairs. The 22 work hardrer back development - must create 50 plos in 3 years). CMP grant and PBK back pairs. The 22 work hardrer back development - must create 50 plos in 3 years). CMP grant and PBK back pairs. The 22 work hardrer back development - must create 50 plos in 3 years). CMP grant and PBK back pairs. The 22 work hardrer back development - must create 50 plos in 3 years). CMP grant and PBK back pairs. The 22 work hardrer back development - must create 50 plos in 3 years). CMP grant and PBK back pairs. The 22 work hardrer back development - must create 50 plos in 3 years (2 method work) and a solid vector of foling and will snow a base of operation for commercial david poor and provent synchronic transmittant and commercial david poor target and provide a grantmather 3 2 dia years and the solid vector and david provent synchronic transmittant and commercial david poor target and transmitta. Additional david method work approximately 52 dia years and the solid vector and david poor target and the solid vector and david poor target and transmittant. Additional david method work advided poor target and target and target and poor target and		Yes	No	Yes	Yes	Yes	Yes	No	Yes	commerci	\$ 3,500,000.00	
	torkforce evelopment	1164	7/8/2013	D'Iberville Working Waterfront & Commercial Seafood Harbor	ORGNU (UR1203) [1] The dea of a working waterfront for the addocd industry in Ofherwille's not new, in fact, the City has trieded room? Joyens to neisy microent models and the current tubulor limit of the takes understand the full Dindings. The City has trieded new the ly east optical variable of the second second variable of the second varia	Harrison	Yes	Yes	Yes	Yes	No	Yes	Yes	No		\$ 8,500,000.00	\$ 800,000.00
W	lorkforce evelopment	1203	6/5/2013	Land Purchase for Port Bienville	(DRIGNUL (IRT)1996) Land gurches for hume expansion at Prot Benville Industrial Park IACTS PEPF i deal geographical location constantly guigues the interest of dorb unrent and faure industries for apparison and beaution. The transit increased interest raw variant the is becoming suballocation constantly guigues the interest of a band and the is becoming suballocation constantly approximation from APPE has always beaution factor in industries locating at the port. This alwas industries to expand without the work of execusable provided somethy. The Vertice Park has always been a project of uncertaint advant industries locating at the port. This alwas industries to expand without the work of execusable provided by an existing landow for future potential expansion. BADFUNC Correls for the development. This paral has backing subally been part on This ¹² that the interest expressed by an existing landow for future potential expansion. Restrict Correls for the development. This paral has backing protected area, are 205 acrus in disc Normally industries look to 100 acrus mone for new const vacion or parasitons. REMINT, Currently parks to the and and the advectional protected area, are 205 acrus in disc Normally industries look to 100 acrus the environmental imparts for development on these parals would be minimal. The parels of interest also border our current rail spur making it an ideal location for location of industry with minimal cest of rail expansion.	Hancock	Yes	No	No	No	No	No	No	No		\$ 1.20	\$ -
W	lorkforce evelopment	1254	11/22/2013	Marinovich plan to restore the gulf shrimp	Briting ngington in from the gulf three times a year. Research need to be done to entablish when the shring move into the estatism. On this basis: the dubt dones preds protocing when they move op or of the gulf is good. As our make well as the histophyse three says are, letting the thring spaces concretly use line large three sensitivity and the estatism is guined by the entablish. The sensitivity of the estatism is the estatism is guined by the estatism is the estatism is guined by the estatism is guined by the sensitivity of the estatism is the estatism is the estatism is guined by the estatism is there estatism is the estatism is the estatism is the estatism	Harrison, Jackson	Yes	Yes	No	Yes	Yes	Yes	Yes	No		\$-	\$ -
	lorkforce evelopment	1255	12/3/2013	Gulf Observing Aerial Program	A filter constitution of aimbys applaces, and UAX should be put in gives to provide long endvance todeworklin or the Gall. The primary purpse of the activity of the seried bearing of constructions of the seried bearing of parts and should be put in gives to provide long endvance todeworkling to the Gall and the seried bearing and an end-should be put to be and bearing and endvance todeworkling and attractions and todeworkling and attractions and the seried bearing and attraction and the seried bearing attractions and the serield bearing attractions and the seried bearing attractions attraction attractions attractions attractions attractions and attractions and attractions attract	Hancock, Harrison	Yes	No	Yes	Yes	Yes	No	No	No		\$ 360,000,000.00	\$ -

Workforce Development	1259	12/3/2013	Ocean Springs YMCA Expansion/Renovation Plan	The Maxings Guil Coast TMAL located in Ocean Spring and Tradition serves the entire Guil Coast region with our facilities and outread-program. The 7000 members between our two branches have access to finese sequences, prove periodic locase, recreational and fitnes activities in the pool, fill with cut add and final activities, willens program, and exposure membership benefits. We are able to attend our reach to promote healthy communities through our affect-school program, care regisgement program, explore school program, and water safety program. The Mixingsi Guil Coast MAL Nearwoo en 2000 Ontrigentamismus with the S000 of those being using during the safety and water safety program. The Mixingsi Guil Coast MAL Nearwoo en 2000 Ontrigentamismus with S000 of those being using during the safety and water safety program. The Mixingsi Guil Coast MAL Nearwoo en 2000 Ontrigentamismus with S000 of those being using during the safety and the provided over \$500,000 in free and subadited programs to youth, families, and entrors seeking health and community. In order to have a greater impact to families and businessions on the Guil Coast TMAL is proposing the renovation of the Interbert Wilson Community Cetter TMAL and we facility. With TMAL Near Near Near TMAL Near Near Near TMAL Near Near Near Near TMAL Near Near Near Near Near Near Near Near	Jackson	Yes	No	Yes	No	Yes	No	No	Yes		s -	\$ -
				social needs that affect the area including diabetes, hypertension, you'n besity, and arthritis with our chronic disease prevention program. You the negative results for a social program in the facility would be entity in the social of a comp program. The facility would be entity in the social of a comp program. The facility would be entity in the social program in the facility would be entity in the social and comp program. The social is a comp of an entity of an entity is and in the social and comp program. The social program is a social program is a social program is a social program in the social program is a social program is and both and work associates, tecked program is a social program. The social program is a social program. The social program is a social program is												
				spontanties, chenic disease prevention programs, youth programs, and accial opportunities & "all areas that can improve the overall social and physical health of residents thus, improving the local opportunities & "all areas that can improve the overall social and physical health of residents thus, improving the local and physical health of residents thus, improving the local and physical health of residents thus, improving the local and physical health of residents thus, improving the local and physical health of residents thus, improving the local and physical health of residents areas that and physical health of residents that are improved the physical health of residents that are improved the physical health of residents areas that are physical health physical												
				residents who may not reside there to the area for work. There outreach programs include programs to improve physical and acial health as well as youth development. The following is all outling the current health acidits camper greatents, according to the Behavioral Risk Factor Surveillance Survey. XC23X of reademts are overweight with 37X of those being objects.												
				36C085% have hypertension, and 36C080% are considered sedentary in Health District XI which includes the coastal counties.												
 Workforce	1260	10/1/2014		The Maxings Guil Coast YMAC offers programs that can address all of these health issues as well as better our workforce and processe safety in water which is allege part of our culture. The Evidence-lases detain linitiaties offered the the VMAC currently include the Dubletast?" Hereation Tragent attention of the UMAC and EnhanceAF Firess. These programs are genered to meet the health needs of Guil Coast residents through methods proven to increase activity and reduce verifyin. The Dubletes Prevention Tragent targets of adults our 13 who are at mix Conduct a series of Educational evideophic antigo coastal Indonements, sports filing galaxies, commercial filters, resource galaxies, and economic development professional, detoiming and community leaders.	Hancock, Harriso	n Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	1	\$ 165,094.00	s -
Development			Coastal Habitats and Economies along the Mississippi Gulf Coast	along the KG Gulf Cast in natural resource entrypice devolument and associated and & water conservation practices. We will partner with agency and organizational partners, including but net Initiate to MS Operation of Environment Quality. MS Department of Marine Resources, Quality Canse Resource Laboratory, MSU Cansis Externational Granters, including the Cans Resource Laboratory, MSU Cansis Externation Service, Auduba Society, and Cana Bards & Supervisor, and city officials to hear these training events. We will train interreted tandowene, sports fishing guides, and commercial fishers to develope a diversity of outdoor adventure excursions drawing outdoor entruinabuts to the Missioging QMI Casas. Through devolument of these new businesses and associated conservation, we will improve the environmental health of coastal lands, wetlands, watersheels, estuaries, and the Missiogin Sound on the MS Gulf Casas.												
Workforce Development	1261	12/4/2013	Mississippi Gulf Coast Arboretum Trail Coastal Arboretums for Restore Canopy and Reduce Injury	The MS Urban Forest Council is a 30 year old nonprofit organization that works with community leadership and citizen to establish healthy tree canopies. We have the only arboretum program in the state and have been certifying arboretums in Ms for over 10 years.	Hancock, Harriso	n Yes	Yes	Yes	Yes	Yes	No	No	Yes	water qua 3	\$ 420,000.00	\$ 50,000.00
				The project addresses community realience, injury, restoring complex, economic development, tourism benefits and much more. This project has the phase, Phase (of developing arboretums along the MS Gul Costa will include 3 arboretum, one per county. The project his to scale, landscape level, easily managed, no land scapitions and above and will develop local public presents are in the ground as easy is an control start groups. The project will develop local public pren spaces into arboridae creating a network of linear green spaces. This project has multiple benefits: - Community realience, job training, nec tourism, economic development, recreation, acid and exclogical benefits, water quality and stom migration, and other whenfits. This project will be phase one on creating quality green spaces in the three casatal counties. Three sites (one per county) will be created another 10-20 existing sites will be identified as achoretums.	i.											
				here I will include developing an absorbert for every coardia day, (2) attes. In A, a total of 15 arboretum developed and another 25 existing attes that on any developing and absorberts and out the certified. So where the project is a performance of communities and developing and violence and violance a												
Workforce Development	1265	12/4/2013	Restoration of the Gulf Coast Ecosystems	Funding: This funding includes complete development of 3 subortum in the tax scotal counter. Project elements include planting over 50 anter specific trees 13 include material street and subortable weaktore the action to enjoy our steador, one of a biax oftune and world text biars. The set of subortable state of subortable states of subor	Hancock, Harriso	n Yes	Yes	No	Yes	No	Yes	Yes	Yes		5 · ·	\$ -
Workforce Development	1273	12/9/2013	Adaptive Sports Program	'ff they dream about it, they can do it i'	Hancock, Harriso	n Yes	No	Yes	Yes	Yes	No	No	Yes	4	\$-	s -
				Provide a means for all people to enjoy inlet waterways and adopt multi-use facility to accommodate mobility impaired distans and wounded warrion. Here and waining multi-en banishes and to a built to adde to the commondiary mobility impaired distans and wounded warrion. In enable Diability Community options enhancements of family Orientated Research Activities (Relacational/Sewarbhip programs for all ages or even physically unconditioned Citizens												
Workforce Development	1589	8/2/2011	Maritine & Saafoot Mulatry Museum Expansion with Restoration Initiatives	(DISIONAL LOPPS))The Numlime & Section of Industry Museum Incated on PC. Cedel, Harrison Carry, Biolo, Mi Sarene, as a welcoming backen to the grant Cry Minko, and educational do and a superin emble, for entriests and without of Musinsippi Gir Casat, which cares to prominence more than a century gas on and the workfield [®] is great associated and the Musinsippi Gir Casat, which cares to prominence more than a century gas on and the workfield [®] is great associated and the Musinsippi Gir Casat, which cares to prominence more than a century gas on and the workfield [®] is great associated in Minko (Sing) and Casat, which cares to prominence more than a century gas on and the workfield [®] is great associated and the Musinsippi Gir Casat, which cares to prominence more than a century gas on and the workfield [®] is great associated in Minko (Sing) and the Casat (Sing) and the Musinsippi Gir Casat, which cares to prominence to me than a century of Musinsippi and the antitemist. Special programs that the museum, has seen it featured on regional and rational television. The Museum magnedia and the Casat (Sing) and Pi Sing) and Pi Sing). The Museum magnedia and the Casat (Sing) and Pi Sing) and Pi Sing Sing) and Pi S	Narrison	Yes	Yes	Yes	Ves	Yes	Yes	Yes	Yes		\$ 7,549,904.00	ş .

Workforce Gevelopment	1614	12/2/2011 Mississippi Invasive Plant Control Program- Congourgrass frankration Effort	(DRGNAL IDF153B) (copengras) [Imperate qvindrico] is an invasive, non-native grass, which occurs in the southeastern United States. A pret in 72 countries and considered to be one of the Top 12 Word Week in the Word Copengrass affects ecosystem wind, wildle hadnet, recention, native plants, fine behaviors, the measurement case and merc. Copengras is controlly documented in 82 Word Week in the Word Copengras affects ecosystem wind, wildle hadnet, recention, native plants, fine behaviors, the measurement cores and merc. Copengras is controlly documented in 82 Word Week in the Word Copengras is the transfer of the measurement of the m	Hancock, Harrison	Yei	Yes No		Yes	Yes	No	Yes	Yes	\$ 10,000	000.00 S :	00,000.00
Workforce Development	1665	1/20/2014 North Gulfport Sewer Expansion	3—May notice thing of part free forest plant specialists In December of 1932, the Chy of a follow noneed 33 square miles control if is then current limits making it the second largest chy in Mississips. As with any annexation, the Chy has since worked on nonportaging private infrastructure reject consists of adding severe services to 12 different areas encompassing over theme square miles in nonthern portions. The Chy has since worked on morporating private infrastructure reject consists of adding severe and septic system. This infrastructure project consists of adding severe services to 12 different areas encompassing over three square miles in nonthern portions. The Chy XIII on private sever and septic system. This infrastructure project consists of adding severe arrivals concomption and stimulate pho-creation by microarging future divergence. The control of the Chy XIII on private sever and septic system. This infrastructure project consists of adding severe arrivals concomption and stimulate pho-creation by microarging future divergence. This work the control of the Chy XIII on private sever and septic system. diverse to severe the methy the control of the Chy XIII on private severe and septic system. diverse to severe the methy the control of the chy severe and the point of the Chy XIII on private severe and septic system. diverse to severe the methy the control of the chy severe and the point of the Chy XIII on poi	Harrison	Yes	No Yes	100) Yes	No	No	No	No	\$ 5,200	000.00 \$	
Workforce Development	1666	1/20/2014 Three Rven Rd Widening	Biological can be provided for the service of the service of the control of the service of the service of the control of the service of the s	Harrison	Yes	No Yes	100) Yes	No	No	No	Yes	\$ 5,000	000.00 \$	-
Workforce Development	1671	1/20/2014 Canal Rd/38th St Elevated Tank and Water Main	Located at the intersection of 200 Ks and Canal Min are the existing 75,000 gallon tank in the area. This project will also provide new public water maintains. Center (NLCI) of Guilgont, this project sends to brain and an even elevated dorange tank to replace the existing 75,000 gallon tank in the area. This project will also provide new public water mains along Canal Mit to strengthen existing infrastructure. The proposed water tank and water infrastructure will provide more capacity and more reliable environment tanks of the City of Guilgont system. With proposed Navy Base gargeds and expansions combined particularly with the needs of the nearly by out of Guilgont expansion, gargeds to the existing works new partice for the City of Guilgont expansions, combined particularly within the needs of the nearly by out of Guilgont expansion, gargeds to the existing works are immediate pressure and capacity graphe to allow for universe tanks and proposed customers, allowing for full for use studies in the arease life provide an immediate pressure and capacity graphe to allow for universe to existing and future quatomers, allowing for future Sures in the area reacting in more tare reasoned for the City or proposed . The propert will provide an immediate pressure and capacity graphe to allow for universe and the reasoned on the strength of the strength of the City of Guilgont barries to the City to proposed Navy Base grapherse and the city of the strength one strength contents and the strength of the strength one strength contents and the strength of the strength one strength contents and the strength of the strength one strength contents.	Harrison	Yes	No Yes	100) Yes	No	No	No	No	\$ 3,500	000.00 \$	
Workforce Development	1676	1/20/2014 MS 605/Lorraine Rd St Lighting at Seaway Island	The length of Larrane 64 065 (03) and passary listed currently has no street lights, however, both the such ortho this and north kide of Saway listed are well in this section of neo-contiguous lighting on Saway, listed area less character last schedule conditions for connecid development. This project proposes to list last treet lists last gard area last be height of Saway listed area well in the such of the source list development. The such or development land from contexpices the such area last schedule conditions for connecid development. The project proposes to list last treet lists last gard last schedule schedule schedule more contexpices and last schedule schedu	Harrison	Yes	No Yes	100) Yes	No	No	No	No	\$ 650	000.00 \$	-
Workforce Development	1677	1/20/2014 Guilpert Spontsplex Expansion	The Cay of Gulgers's Sportupion is caregorable located new the nerthwest convor of the bury interaction of Intercates 10 and Highway 48. The faulty end for Shark Waters's Located interactions and the Shark Shar	Harrison	Yes	No Yes	100) Yes	No	No	No	Yes	\$ 15,000	000.00 \$	-
Workforce Development	1678	1/21/2014 O'Neal Rd Widening	The City of adigon the been experiencing rapid growth north of 1:00. In order to accommodule the growth and make the area attractive to future resident as abuncess, upgrades to circulation are required. One area of interests IOUR ⁴⁴ table, analyse assister to thoroughine connecting 1000 SG with well 4.4 as obscittage on mile interest IOUR ⁴⁴ tables may be the series flat of all factors in the series of the set o	Harrison	Yes	No Yes	100) Yes	No	No	No	Yes	\$ 10,000	000.00 \$	-
Werkforce Development	1679	1/21/2014 Hancad County Marsh Living Shareline Project	We have designed and pattent da yattem that will belo control effects of as into. Our yattem will provide hordning protection, will enhance building of holdback and will as well and the building. Displayed to replace well, they our ree concept (Gen TGN-L+R) in humbled above the well in the considering protection as into (a designed by official generation). Due Gen TGN-L-R atti units are lifed with dredged material sourced from near the installation. Within a propared are on top of the Gen stee to containers. The RDAO Hist containers are planted with mure rubbe many and other steet can building also results as these buildings containes. The RDAO Hist containers, the RDAO HIST CONTAINER AND H	Hancock	Tes	Yes No		Yes	Yes	No	No	NO	\$ 6,248	000.00 \$	

Workforce Development	1681	1/22/2014	Hancock County Marsh Living Shoreline	After 46 acres of dredge material is installed Trident is proposing to plant approx: 802,000 native coastal grasses and plants with RZHO (compost). Placed every 2.5 feet.	Plaquemines (I tl	hi Yes	Yes	Yes	Yes	Yes	No	Yes	No		\$ 2,110,000.00	\$.	
				Monitor growth for 1 year.													
				Hire local labor and suppliers.													
				Project coincides with installation of the Geo-TECH-Jetti Units .													
				Project ID #1679													
				Planning on budgeting for the installation of dredge fill and 46 acres of subtidal oyster reef on another project sheets.													
Workforce Development	1684	2/3/2014	Hancock County Living Marsh Shoreline Project	Mitchell Marine, Inc. will use a 12" hydraulic dredge to move material from a mining area 2000 feet off the shore to fill behind manmade berms. Approximately 130,000 yards of material will	Hancock	Yes	Yes	Yes	Yes	Yes	No	No	No		\$ 5,923,200.00	s -	
			,	be moved over the planned berm area. Mitchell Marine is located in Blinu MS													
				This coincide with Project # 1679 and 1681.													
Workforce Development	1691	2/3/2014	Hancock County Living Marsh Project	Propose to deploy 435 tons per acre on 46 acres to equal 20,000 tons for Oyster Cultch. The material used will be 10% oyster shell and 90% #57 limestone. All work will be done in a minimum of 4 ft. of water at mean low tide.	Hancock	Yes	Yes	No	Yes	No	Yes	Yes	No		\$ 2,469,200.00	s -	
Workforce	1712	12/24/2015	BP for restoring the gulf fisheries	This program will address fishery management needs in the Gulf of Mexico for the commercial, CFH and the recreational anglers. This "BluePrint for Restoring	Harrison, Hancoo	ck Yes	Yes	Yes	15 Yes	Yes	Yes	Yes	Yes	Data need	\$ 5,000,000.00	\$ -	
Development				The Gulf Fisheries will be lost if not funded. This program will provide help with discards of reef fish, provide Seafood for the Consumer and provide a pilot program To test a method that will allow anglers the opportunity to fish all year for red snapper and grouper. This program will also allow the opportunity to study behavioral science.													
				This program will address accountability and sustainability of our coastal marine resource and those that rely upon the resource for food, jobs and pleasure. The programs infrastructure contain many components. This program will													
				Include state agency's, commercial, CFH and private anglers. It will also have help from the Southeast science center with its design. A full proposal will be submitted if the council feels they are													
				interested in a proposal that would test a license limitation for our recreational anglers. The fish would be leased from the present commercial quota so that it would not impact the regular open season. It would also collect data that is presently missing and needed inorder to have a sustainable fishery for years to come.													
Workforce	1720	2/6/2014	Handcock County Living Marsh Shoreline	It will cost 31/2 million to lease the fish for the pilot study. The remaining amount will be spent on outreach. Forms. Techs. Tags PI. analysis etc. This is a add alternate to base bid. Project ID#'s 1679, 1681, 1684 and 1691.	Hancock	Yer	Ver	No	No	No	No	No	No		\$ 8.575.200.00	¢ .	
Development	1710	1,0,1014	Protection	Install 600 Geo-TECH-Jetti Units fill with dredge material and on top of the Geo-tech containers are RootZone Humus-filled, (RZHO), biodegradable containers. The RZHO-filled containers are planted	THE REAL PROPERTY AND A DECK		10								5 0,575,200.00	3	
				with mature native marsh grasses and other select native plants. Once set in place the Geo-TECH-Jetti units are stabilized													
				with XX heavy duty PVC pipe, driven down 7 feet for firm hold, there are stainless steel rings on the bottom of units in three locations for PVC pass through.													
				Intree locations for PVL pass through. Back fill 11.4000 cubic yards dredge material within 40 acres behind Geo-TECH-Jetti Units.													
Workforce	1725	2/7/2014	Hancock County Living Marsh Shoreline	This proposal coincides with project ID# 1720 has add alternate.	Hancock	Yes	Yes	No	Yes	No	Yes	Yes	No		\$ 5,068,500.00	s -	
Development		2, 1, 2024	Protection/ Oyster Clutch	Propose to deploy 435 tons per acre on 95 acres to equal 42,000 tons for Oyster Cultch. The material used will be 10% oyster shell and 90% #57 limestone.All work will be done in a minimum of 4 ft. of											,,		
Workforce	1734	6/13/2013	Water Clarity and Filtration System	water at mean low tide. In August 2011, the Gautier City Council adopted a Clear Water Filtration Plan that utilizes ion exchange filtration technology in order to provide clear drinking water with much lower annual operating	Jackson	Yes	No	Yes	100 Yes	No	No	No	Yes		\$ 4,500,000.00	s -	-
Development				and maintenance costs than ormeric. Today, the brownich tint in Gautieridian notable wells has impeded economic development such as hotel, certaystant and residential development. Due to the													
				the immunit of the second seco													
				planned in three phases. The first phase will provide a filter system treating one million gallons per day, projected to treat 80% of the City4C**s demand and costing \$2.8 million. The second and third phases will serve the remaining population along the HWY 57/i-10 corridor and loop the filtration system for future capacity. The total cost of the three phase project is estimated to be \$4.5 million.													
				Color in groundwater may be attributed to a variety of sources including iron, manganese and organic acids. Color associated with organic acids can be measured quantitatively and represented as													
				total organic carbon. Organic carbon is typically negatively charged which can be effectively removed with a process known as ion exchange. Ion exchange promotes chemical reactions to effectively remove deleterious compounds found in water. The Gautier Water Treatment Plant was piloted and designed to effectively remove color by utilizing oxidation, coagulation, and filtration followed by													
				ion exchange. Projects such as this one will not only create jobs but will create the necessary infrastructure for future development and the economic growth/tourism industry. Improved water quality is a primary objective in all watersheds but specifically in coastal watersheds that feed directly into the Guilf of Mexico.													
				quality is a primary objective in all watersneas but specifically in coastal watersneas that teed directly into the Guil of Wexico.													
	1005	<													\$ 25,000,000.00		
Workforce Development	1735	6/13/2013	Interstate 10/Highway 57 Commerce and Technology Corridor	With over 6 miles of interstate frontage, the City of Gautier only has access to 2 interstate interchanges. At these interchanges, the only opportunity for interstate frontage development is at the northeast corner of Highway 57/Interstate 10. One large development in this area is underway and another existing development is expanding. The Bienville Medical Complex will be over 100,000	Jackson	Yes	No	Yes	100 Yes	No	No	No	Yes		\$ 25,000,000.00	s -	
				square feet with an ambulatory center, located on 16 acres of land. The City has adopted a master plan for the smart growth of this area, and requires the installation of a water tank, fiber optics and utilities in order to provide adequate levels of surface for the ambiguated growth in this area. See the attached Exhibit showing the Master Plan for the area. The project will provide new streets,													
				utilities in order to provide adequate levels of surface for the anticipated growth in this area. See the stratende sanius snowing the Master vian for the area. I he project will provide new streets, drainage, utilities, lighting, a while-use pathway and recreational amenities around the existing lake, and other related improvements.													
 Workforce	1741	6/1/2014	MS Gulf Coast Environmental Educational Collaborative	Cosst Ecosystem Education and Training Collaborative (CEETC) The OII Spill has further exacerbated the gap between disadvantaged minorities (African-Americans, Hispanic, Vietnamese and low income whites) and available education funding, job loss and access	Hancock, Harriso	on Yes	Yes	No	Yes	Yes	No	No	No		\$ 750,000.00	\$ -	
Development			Conadoracive	Inte on spin has fund to the based use gap detweet unsavanaged minorities (vincan-vinencais, rispanis, vietnamese and low income wintes) and available education running, job loss and access to marine vessels for education.													
				The Mississippi Guif Coast includes approximately 70 miles of coastline plus numerous bays, estuaries and navigable rivers. Not only does this ecosystem support a diversity of marine life and habitats,													
				but our coastal waters support an economy that generates nearly \$146 million each year. Unfortunately, although the Coastal Counties (Hancock, Harrison, and Jackson) have an abundance of diverse ecosystems, recreational opportunities, and marine life education minority children rarely get the chance to experience any of this richness. It is the goal of CEETC to connect under served children													
				from Hancock, Harrison, and Jackson counties (to include African Americans, Hispanics and Vietnamese but not limited to) with their habitat through our hands-on and feet-wet adventures.													
				Connecting our youth to the outdoors will offer a learning experience that has been previously accessible only to the more affluent, as well as open doors to career opportunities in the fishing industry, marine biology, conservation, and eco-science in general.													
				The CEETC project will be a multi-year (4 years) year-round and ongoing ecosystem, environmental, educational and recreational project designed to educate coastal youth in the area of marine life studies, in addition to the aforementioned. All of the environmental education programs will be in partnership with the eight (8) school districts in the three (3) county area along the Mississippi Gulf													
				Cast and each school district's school material control in a transmission program and and any material provide control in a transmission of the tr													
				ecology, habitats, vegetation types, wildlife and conservation issues of Coastal Mississippi.													
				Other activities include, but are not limited to: the environmental and health hazards of marine debris, water and shore cleanups in conjunction with state environmental agencies to educate and certify young adults to work in environmental hazardsus splits, study and observation of marine wildlife, laboratory investileations, marine arts and crafts, fishine, fish identifications, insects and													
				any provide the second se													
				To protect and restore the Mississippi Gulf Coast Ecosystems													
				through education, research and community stewardship."													
				STRATEGY A: COLLABORATION Bring marine scientists, ecologists and organizations together to share resources and talents to effectively educate and mentor the under-served youth.													
				STRATEGY B: EDUCATION													
Workforce Development	1747	2/18/2014	ECHCPUD Water and Sewer Master Plan	The project includes water distribution and sewer collection improvement within ECHCPUD and extending 1 (one) mile beyond ECHCPUD's boundary. The water and sewer improvements proposed are anticipated to serve ECHCPUD for the next ten years.	Harrison	Yes	No	Yes	100 Yes	No	No	Yes	No		\$ 13,400,000.00	s -	
 Workforce	1764	2/24/2014	Medical Monitoring Program of Coastal	This Request for Funding should be granted because it is one of the few proposals submitted for consideration which seeks to achieve several of the specific goals and objectives originally sought to be	Hancock, Harriso	Yes .	Yes	Yes	27.6 Yes	Yes	No	No	Yes		\$ 14,121,000.00	\$ -	
Development			wississipplans	addressed by the Trustees of the BP Restoration Fund. The Proposal that follows will sever to promote proactive environmental and cultural stewardship, education and outreach based on the gathering of real time data outlining how and to what extent, if at all, the substance released during the BO oil spill and the agents used to disperse the same has or will impact and/or affect the health													
				of those persons living within the three-county, Mississippi Gulf Coast, area of South Mississippi who were directly or indirectly exposed to the released substance and/or the agents used to disperse the release substance.													
				Form strictly an educational point of view, data will be gathered and disseminated to the MDEO, EPA, DOI, CDC, Mississippi State Board of Public Health and any other regulatory bodies whose													
				jurisdiction requires notification should there be evidence of any type of alarming trend related to a claimed exposure. Additionally, by capturing such data this will allow us to measure the human toll. If any, proximately related to the exposure to the substance and to identify the proper medical or treatment plans of care that produces the best and most expeditious outcomes. having such													
				information at our disposal will better equip our nation and more specifically the State of Mississippi and the entire Gulf Coast Region with the knowledge to properly respond to similar spills and/or													
				release in the future. Another anticipated byproduct of implementation herein of the proposed medical monitoring system will be a healthier South Mississippi. Through the use and implementation of preventive													
				healthcare techniques, physician led and sponsored encouragement, proactive and preventative healthcare maintenance, it is believed that recreational provessness among many who live within the three-county Missission Gulf Coast area will become the watch-word of the daw and we will see individuals who will beein to strive to attain and live a more healthy lifestyle.													
				Finally, funding of this request will have a specific intangible benefit of increasing the public's confidence that an independent group of healthcare professionals are monitoring the potential health													
				effects of the oil spill as it relates to South Mississippians who may have been exposed to the same, either directly or indirectly, and that such group of diverse professionals are positioned to disseminate accurate and unbiased information. This will help to dispel much of the misinformation that has been disseminated by parties on every side of this controversy.													
 	100	a tao ta															
Workforce Development	1769	3/20/2014	Restoration of Bayou Cassotte, Bayou Chicot, Parsley Avenue, and Enger Bayou	This project will consist of water quality improvements through sediment removal in the identified degraded Bayous in this watershed. The puppes of addiment removal is to restore degraded green considers to allow for increased boat traffic and efficient access to natural resources. These bayous have vast potential for restoration that greatly enhances their ecological value while directly engaging local communities. Restored streams help to manage storm water rundif, ension, and sedimentation as well as provide quality habitat for wildler. Wild as greater potential to manage to the sedimentation of the sediment of the sedimentation and sedimentation as well as provide quality habitat for wildler.	Jackson	Tes	res	NO	No	No	Yes	No	No		s -	s ·	
				engaging local communities. Restored streams help to manage storm water runoff, erosion, and sedimentation as well as provide quality habitat for wildlife. With a greater potential to manage storm water runoff, the communities within the watershed show an improved realience to the increase risks associated with sea-level rise and environmental stressors.													
Workforce Development	1781	3/21/2014	Transportation Improvements	This project will improve McClelland, Tucker, and Seaman Roads by expanding the existing roadway design. A new I-10 collector will also be constructed. McClelland Road improvements will expand the existing 2-iane to a 4-iane road in order to create a strong network of transportation routes from I-10 to the Sportsplex. Tucker Road improvements will expand the existing 2-iane to a 3-iane road	Jackson	Yes	No	Yes	Yes	No	No	Yes	Yes		\$-	s -	
				the existing 2-lane to a 4-lane road in order to create a strong network of transportation routes from 1-10 to the Sportspiex. Tucker Road improvements will expand the existing 2-lane to a 3-lane road between McClelland to Daisy Vestry. Seman Road improvements will expand the existing 2-land to a 3-lane road between Tucker and Jordan. The I-10 Collector project will create a new road													
				between tucker and the county line; this will connect the Sportsplex area to the neighboring county and D'Iberville shopping center along Promenade plwy/Mallett Road. The goal of this project is to promote economic development through infrastructure improvements. The project will help connect tourists and tournament guest to other shopping and dining areas a well as allow for expansion of													
 Workforce	1784	3/21/2014	Moss Point Open-Air Market	the current shopping area into Jackson County. This project will create a space near the Riverfront Community Center that will house a open-air farmers market. The amenities will include a marquee that houses stalls for venders to sell wares, a	Jackson	Yes	No	Yes	Yes	No	No	Yer	Ver		\$ ·	s .	
Development	1704	-, - 4, 4.014		pionic area, and restroom facilities. The market will serve to showcase local artisans and small businesses, enriching the quality of life in Moss Point as well as promoting economic development along													
				the Greenway. The market will serve as a point of interest and generate tourism. The goal of the Moss Point Open-Air Market will be to serve as an anchor in the community by providing access to fresh locally grown food, generate support for the local economy, and increase healthy lifestvie opportunities.													

Workford	e 17	7 3/21/201	Jackson County Scenic Water Trail, North	This trailhead project will consist of a trail head with public boating access, walking trail, heritage museum and outpost. The Carter Lake Fishing Outpost will restore Carter Lake and provide	lackson	Yes	No	Yes	Yes	Yes	No	Yes	Yes	c	. 1	¢ .
Developm	nent		Tailhead	Into standul pipes, we tohistor virus in early plane standing access, kelling is the finite generation of the opposite of the	a mana Pad MARI									3	-	•
Workforc Developn	re 18	0 4/4/2014	 A comprehensive approach for the restoration and recovery of escantial prey items for Kemp&C** Ridley sea turtles (Lepidocheys kempil) in the Mississippi Sound 	semple* ratios as units are a chically findangene access that relies heaving on the north-central Gulf of Network for developmental habita for foraging parts of the second of the Network in Roban services and the second of the Network in Roban services and the north inner access and the second intervent and the second of the Network in Roban services and the second of the Network in Roban services and the second intervent access and the north inner second access and the second intervent access and the second access and the second access and the second access and the s	e Hancock, Jacksor e	, Yes	Yes	Yes	60 No	Yes	Yes	No	No	s	18,000,000.00	\$ -
Workforc		3 4/5/2014	Property Acquisition East Pascagoula River	Property owned by the Fletchas family has long been used as an industrial shipyard on some of the most attractive waterfront property in the City. This project proposes to acquire the property,	Jackson	Yes	Yes	Yes	Yes	No	No	Yes	Yes	\$	10,189,000.00	s -
Developm Workforc	ce 180	4 4/5/2014	(Fletchas Acquisition) Pascagoula Riverfront Acquisition	remediate, and clear it for further development. The proposed property acquisition will allow the Riverfront Redevelopment project, started with MDA/CDBG funding to continue to grow both north and south. The project includes acquisition and	Jackson	Yes	No	Yes	10 Yes	No	No	Yes	Yes	\$	6,538,900.00	s -
Developm Workforc		3 5/14/2014	Center for Plankton Taxonomy and Research	infrastructure upgrades. : Ichthyoplankton and zooplankton surveys provide critical information needed to assess changes in our marine ecosystems due to 1) anthropogenic perturbations, such as the Deepwater Horizon oil	Jackson	Yes	No	Yes	80 Yes	No	No	No	No	\$	12,770,000.00	s .
Developm				set): 3 (Inster change: 3) biodiversity loss: 4) the top-down effects on matter food chains from over-finiting, and 5) the reduction of recruitment success for a growing number of finit stacks. These data are being used in the stack of the												
Workfore Developm	nent		and expanded diving capacity upporting the Marine Education Center	(CIL) Clips Country is compared and both term lodging for validing scientists, and values and values between list of validing transitions of a specific validing transition of the number of participating in the values of the t	r		NO	TES	100 NO	TES	NO	NO	NO	2	3.35	s ·
Workforc Developm		3 5/14/2014	Dovelopment of an Aquacitured bat industry for Mississippi	The priget will provide reserch, development, and technology transfer to develop an aquacturure back bail industry for south Nassippi. Many recreations due to have a several yaffered by a combination of Hirring Link and Link Chennol Went Scholar base and the bait toppiest. The particular base added to price of the part of the several base and the base added to price of the several base and the base added to price of the several base and the base added to price of the several base added to price of the several base and the base added to price of the several base and the several base added to price of the several base. The several base added to price of the several base adde	Jackson	16	No	Yes	50 Yes	Tes	ves	No	N ^O	ŝ	2.00	S -

Workford			Text support data reheatment in support of the recruitional fishery of Massisspil	perfection of activities: CEU to a bander in the development of intentive, low-water use, high bits sectority culture of martie sector for exhancing entity of exhancing for and margine sequence interactives. Conservations and foreign sectority accurates and the exhancing entity of experimental externation, and marking exacture of entity externations, and marking exacture of entity externations, and marking exacture of entity externations, and externations, a	Jackson	Yes	No	No	Yes	Yes	Yes	No	No	\$ 10,000,000.00 \$ 400,000.00	5 .
Werklor Develop		6/3/2014	I development of a recession linkery	Inter description et achites: The science Carlier for Manne Escander, Carlell A. S. A Microard Science Facultation (Mo) Providing A. Microardy Carpertuse Research Carler (UVER) house at A Carl advances correct to fill them rends. The main constraints and the card a	Jackson	ves I	No	No	Ves	Yes	Yes	No	No	s 400,000.00	5 .
Workford Develope		6/9/2014	Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Water Quality Restoration Enchancement Project	Stream restoration, sedimentation control, ditch bank restoration, habitat restoration, natural resource and monitoring both conservation and recovery are the components of this project. Stream restoration will enhance the quality of water in adjacent waterways in addition to detention ponds and overflow discharge outfalls located within the CBy. In conclusion, the project restores streams and drainage discharge areas to its original state with the addition of sediment traps which makes beneficial use of runoff.	Hancock	Yes	Yes	No	Yes	Yes	Yes	No	Yes	\$ 1,688,000.00	\$ -
Workford Developr		6/9/2014	Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail		Hancock	Yes	Yes	Yes	80 Yes	Yes	Yes	No	Yes	\$ 5,720,500.00	\$-
Workford Developr		6/9/2014	Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Marine Education and Recreation Restoration	In conclusion this project stimulates public interest and support as well as education and participation in recreation information and education and participation in a travel strain education can equality. The project control of a name education cancer, a Print leaylow can and a 1 min killing and high rail hit val uli provide marke education and enter networks and enter the education and monitoring stations at strategic locations along the 9 mile router. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality.	Hancock	Yes	Yes	Yes	40 Yes	Yes	Yes	No	Yes	\$ 1,370,500.00	\$-
Workforc Develope	e 186		Diamondhead Econystem Restoration, Stabilization and Sustainability Project	Stream retrotion, sedimentation control, dith bank restantion, habitar restantion, natural resource and monitoring conservation and recovery are the components of this project a byproduct that makes beneficial use of trapped sediment also allows public access. By accessing an elevated barahault he stary becomes a living luboratory, information starticions educate and monitoring building one areas and health of various wettand plans and ultimately water quality. By hadening the flay of Saint Lubix with opter and clams water quality is improved, sea grasses will be reintroduced and ension as seen in sides 4 and 5 should be reduced or eliminated and monitoring stations should show anticipated accretion. This project consist of multiple activities that stimulate public interest and support as well as education and protopation in recreation restoration, sealing production and water quality. In occluation, the project atterne stimum and durages to the single well as education and participation in recreation restoration, sealing production and water quality. In occluation, the project atterne stimum and durages to the single atter within a distart on the sealing tables of and the tendence of the project also has build in monitoring stations that beneficial use of urbanised production and water quality.		Yes	ře	Yes	80 Yes	Yes	Yes	No	Yes	\$ 9,519,500.00	\$ -
Workfor Develope		6/21/2014	COASTAL WATER GUARGIANG (m Education, Intern & Apprenticeship project	The poper involve excession exacts had internship opportunities for coastal high school, college and university scholar. For those enclosed in narrise deschort program, this would incorporate the major description in the could incorporate the project in control and the part project project in control and the bird with coastal high school and institution of they form and goal be coast to determine how to incorporate the project in control and the control and the could be coastal or determine how to incorporate the project provides in control and the project provides incorporate the project provides in control and the project provides incorporate the project provides in the could be project provides in control and the project provides incorporation to the project provides incorporation the project provides incorporating the project provides incorporation the project provides incorporating the project provide incorporating project provides provides in the temperature program would regline project provides provides in the temperative that part to provide in the project provide provide in the temperative that part to provide in the project approval to provide provide in the temperature provide provide in the project provide provide in the temperative that provide provid	Harrison, Jackson,	ΥR ¹	Ye	No	Yes	Yes	No	No	No	\$ 250,000.00	\$.

								_										
	Workforce Development	1876	8/1/2014	The Economic Impact of Alternative Numeric Nutrient Criteria on Mississippi Communities	*Project Partner - Mississippi Farm Bureau Federation*	All MS Counties	Yes	Yes	Yes		'es	Yes	Yes	Yes	Yes		\$ 739,478.00	s -
	Development			Retrient Criteria on Mitalappi Communica	Research Goal													
					The overall goal of this research is to better understand how Alternative Numeric Nutrient Criteria (NNC) can impact Mississippi (MS) communities. We include agriculture, urban storm water, septic,													
					municipal wastewater, industrial and state resource agencies as the affected sectors in these communities. For each sector, the cost of adapting to a newly proposed NNC will be estimated. For example, we propose to estimate the cost of such standards upon the aericultural sector including, but not limited to, row crops, speciality crops, poultry, and cattle. Total costs will then be aereeate	a												
					campage, we propose to Earning the Concentration of													
					under the Environmental Protection Agency (EPA) directives. Where possible, we primarily follow the methodology for estimating costs per sector under uncertainty as described by the Florida Wate	r												
					Quality Coalition≜€™s 2010 study.													
					Research Study Area													
					The State of Mississioni (48.434 miz) has nine major river basins with approximately 86.000 miles of streams draining directly into the Mississioni Sound and the Gulf of Mexico. the Mississioni River													
					and the Tombackee River (Figure 1). The basins of the Pearl and Passaqual Rivers and the Coastal Streams represent 41% of the State&d"s area and empty directly into the during of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of Mexico of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of Mexico of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of Mexico of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of Mexico of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of Mexico of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of Mexico of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of the coastal streams represent 41% of the State&d"s area and empty directly into the fide of the coastal streams represent 41% of the State&d area and empty directly into the fide of the coastal streams represent 41% of the State&d area and emp	t												
					of Mississippi (Figure 1). Livestock production is the most important agricultural activity in these areas. Nutrient and bacteria from animal wastes often get into the streams resulting in different wate	r												
					quality problems along the inland water bodies and the coastal waters. This entire area has been ranked nationwide in the top ten and top twenty areas in need of protecting water quality from manure nutrient contaminants (Kelloaz. 2000).													
					nandre nutrient contaminants (xeilog), 2000).													
					Mississippi State University Research Team													
					James Barnes (PI)													
					Amites barries (rf) Assistant Extension Professor. Dept. of Aericultural Economics. Mississipol State University													
					Matthew G. Interis (Co-PI) Assistant Professor, Dept. of Agricultural Economics, Mississippi State University													
					Assistant Professor, Dept. or Agricultural Economics, Mississippi State University													
	Workforce	2047	8/1/2011	Coastal Preserve Management Needs	This project consists of updating survey data and boundary markings throughout the Coastal Preserves. Given the current size of the Coastal Preserves (37,000 acres) and the current cost of surveys of	n Hancock, Harrison	Yes	Yes	No		10	No	No	No	No	Yes	\$ 2.250.000.00	s .
	Development				large undeveloped parcels (approx. \$50 per acre), the basic budget for this work could exceed \$2 million dollars by the time additional logistics for marine work are included. This project would													
					resurvey and mark boundaries to federal standards. Project benefits would be as follows: a. This requested budget could fund surveys of approximately 40,000 acres of current and incoming Coastal													
					Preserves lands. Using an average parcel size of 200 acres, this would mean approximately 2,400,000 linear feet of boundary needs to be surveyed and marked. This would create employment opportunities for local surveying contractors by providing roughly 6,000 man-days of work or approximately one year of work for 25 to 40 employees of Missispip ismall businesses (surveyors). b.													
					opportantes no roca surveying contractors or providing roughly quote may be worked approximately one year or work not 25 to emproyee or mississippi share based and approximately one year or work not 25 to emproyee or mississippi share based and approximately one year or work not 25 to emproyee or mississippi share based and approximately one year or work not 25 to emproyee or mississippi share based and approximately one year or work not 25 to emproyee or mississippi share based and approximately one year or work not 25 to emproyee or mississippi share based and approximately one year or work not 25 to emproyee or mississippi share based and approximately one year or work not 25 to emproyee or mississippi share based and approximately one year or work not 25 to emproyee or mississippi share based and approximately one year or work not 25 to emproyee or mississippi share based and approximately one year or work not 25 to emproyee or mississippi share based and approximately one year or work not 25 to emproyee or mississippi share based and approximately one year or work not 25 to emproyee or mississippi share based approximately one year or work not 25 to emproyee or mississippi share based approximately one year or work not 25 to emproyee or mississippi share based approximately one year or work not 25 to emproyee or mississippi share based approximately one year													
		1			actions on adjoining land. For example, adjoining land in silviculture may not benefit from the same type of burning required for ecological/habitat management, and any damage, whether real or	1												
		1			perceived, could pose a potential liability for the State.	1												
	Workforce	2073	7/8/2014	Small and Medium Business	Gilf Coast Business Partners will conduct 12 weeks of basic business training to small business along the MS Gulf Coast. The training will equip the small business person with the basic needs to	Hancock, Harrison	Yes	No	No		'es	Yes	No	Yes	No		ś -	ś .
	Development			Entrepreneurship Training	sustain and grow their business. In addition to training participants will be matched will be matched with mentors.													
					Gulf Coast Business Partners believes that strong partnership will encourage four strategic activities Training, Mentoring, Advocacy and Access to Capitalin order to walk alongside small and mediu enterprise owners. Overemphasizing one activity or neglecting another makes for an unbalanced approach to sustaining and growth of business development.	m												
	Workforce	2075	7/18/2014	MS Observing and Modeling Restoration	A COMPREHENSIVE AND INTEGRATED OBSERVATION, MONITORING, MAPPING, AND MODELING PLAN FOR MISSISSIPPI	Hancock, Harrison	Yes	Yes	Yes	20	'es	Yes	Yes	Yes	Yes		\$ 47,000,000.00	s -
	Development			Network (MSOMRN)	Sustained. multi-disciplinary ecosystem monitorine facilitates which provide an understanding of the state of the Gulf ecosystem and how its components change over time are critically needed.													
					Jossanice, many operation in an example and the second and the sec													
					for adaptive coastal policy and management, assess damage due to natural and man-made disasters, inform restoration projects, and evaluate long-term trends. Furthermore, ecosystem monitoring													
					information can yield the true value of ecosystem services to the Gulf which in turn can lead to resource management and regulatory decisions that consider the effects of those decisions based on a													
					more complete set of economic factors.													
					This information is critical to resource managers and decision-makers having regulatory, management, protection, and emergency responsibilities. Over the past three decades, the Gulf of Mexico and													
					its coastal communities have been impacted by increasing anthropogenic influences, primarily as a result of human population growth, energy extraction, and coastal development. The impact of													
					severe storms, such as tropical cyclones, has increased as sea level rises, land subsides, and storm buffering coastal wetlands are lost. Because the Gulf supports a broad variety of interests, any of													
					these impacts can result in a wide range of environmental and economic concerns. A fully integrated and sustained observing system that includes ecosystem, oceanographic, and biological parameters would help minimize risk to people and coastal and offshore resources (during various operations (e.g., oil and gas exploration and extraction, maritime operations, recreational boating													
					and fishing activities)) by providing early detection of potential problems and expediting mitigation when the need arises (e.g., identify important habitat and species, assess status of indicator													
					species). Climatological databases or monthly averages are not sufficient for making certain ecological decisions. Present technology is available to provide at cereal timeat Capability for this decision-													
					making.													
					The University of Southern MississippiäC**s Marine Science Department has taken the lead to develop a comprehensive and integrated observation, monitoring, mapping, and modeling plan for													
					Mississippla C**s coastal areas. The integrate plan has been divided into eight cohesive sections to help explain the needs of Mississippl as it is related to the Marine Science processes affecting													
					Mississippi waters. These eight sections areas are:													
1		1			1. Physical, Chemical and Geological Drivers of Environmental Variations,	1												
1		1			2. Modeling and Forecasting,	1												
1		1			3. Living Marine Resources and Ecosystem Components,	1												
1	i.																	
1					4. Indicators of Stress,													
1					4. Indicators of Strees, 5. Hobitat: Chanacterization, 6. Messurement Archival and Data Management,													
	Workforce	2076	7/23/2014	MS Living Marine Resources Restoration	4. Indicators of Stress, 5. Habitat Characterization,	Mobile, Hancock, !	Yes	Yes	Yes	20	'es	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$ -
	Workforce Development	2076	7/23/2014	MS Living Marine Resources Restoration Network (MSLMRRN)	4. Indicator of Stress, 5. Weblatc Characterization, 6. Measurement Archival and Data Management, A COMPREHENSIVE AND INTEGRATED DESERVATION, MONITORING, MAPPING, AND MODELING PLAN FOR MISSISSIPPI	Mobile, Hancock,	Yes	Yes	Yes	20	'es	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$ -
		2076	7/23/2014		4. Indicators of Stress, 5. Idebatic Characterization, 6. Measurent Archival and Data Management, A. COMPRETENSIVE AND INTEGRATED DESERVATION, MONITORNIG, MAPPING, AND MODELING PLAN FOR MISSISSIPP A company of the analysis of the analysis of the state of the Guil ecosystem and how its components change over time are critically needed.	Mobile, Hancock,	Yes	Yes	Yes	20 1	'es	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$-
		2076	7/23/2014		4. Indicator of Stress, 5. Weblatc Characterization, 6. Measurement Archival and Data Management, A COMPREHENSIVE AND INTEGRATED DESERVATION, MONITORING, MAPPING, AND MODELING PLAN FOR MISSISSIPPI	Mobile, Hancock, !	Yes	Yes	Yes	20 1	'es	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$-
		2076	7/23/2014			Mobile, Hancock, S	Yes	Yes	Yes	20 1	'es	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$ -
		2076	7/23/2014		4. Indicators of Stress, 5. Idebatic Characterization, 6. Measurent Archival and Data Management, A COMPREVENSIVE AND INTEGRATED DESERVATION, MONITORING, MAPPING, AND MODELING PLAN FOR MISSISSIPP Stratistical, multi-indicating recosystem monitoring facilitates which provide as understanding of the state of the Guil ecosystem and how its components change over time are critically needed. Results from monitoring efforts yield baseline data that can provide early varning of potential environmental variability, perturbations, and concerns. The Indivational can alw ared to potential environmental variability, perturbations, and concerns. The Indivational can alw and educates, finite meastranding projects, and variability can term terreds. Furthermore, exoystem monitoring	Mobile, Hancock, 3	Yes	Yes	Yes	20	'es	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$-
		2076	7/23/2014		4. Indicators of Stress, 5. Indicatorstandon, 6. Measurement Archival and Data Management, 6. Measurement Archival and Measurement Archival and Data Management, 6. Measurement, 6. Measurement, 6. Meas		Yes	Yes	Yes	20	'es	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$-
		2076	7/23/2014		4. Indicators of Stress, 5. Inhibit Characterization, 6. Nearcement Archivel and Data Management, 6. Nearcement Archivel and Data Management, 6. Nearcement Archivel and Data Management, 6. Accomment Archivel and Data Stress of the Source S		Yes	Yes	Yes	20 1	'es	Yes	Yes	Yes	Yes		\$ 49,000,000.00	ş -
		2076	7/23/2014		4. Indicators of Stress, 5. Isolata Characterization, 6. Measurement Archivel and Data Management, 6. Measurement Archivel and Cata Management, 6. Measurement Archivel and Data Management, 6. Measurement Archivel and Data Management, 6. Measurement Archivel and Data Management, 6. Measurement Archivel and 6. Measurement 6. Measurement Archivel and 6. Measurement		Yes	Yes	Yes	20 1	'es 	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$-
		2076	7/23/2014		4. Indicator of Stress, 5. In Additional Stres		Yes	Yes	Yes	20 1	'es	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$ -
		2076	7/23/2014				Yes	Yes	Yes	20 1	'es	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$-
		2076	7/23/2014				Yes	Yes	Yes	20 1	'es	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$ -
		2076	7/23/2014		4. Indicators of Stress, 5. In Advancement, 5. Advancement, 5. Advancement, 6.		Yes	Yes	Yes	20 1	'es	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$.
		2076	7/23/2014		4. Indicator of Stress, 5. Idealant Characterization, 15. Idealant Characterization, 16. Id		Yes	Yes	Yes	20 \$	fes	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$
		2076	7/23/2014		4. Indicator of Stress, 5. Idealant Characterization, 6. Mean Charact		Yes	Yes	Yes	20 \$	'es	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$-
		2076	7/23/2014		4. Indicators of Stress, 5. Scholar Characterization, 5. Media Characterization, 5. Media Characterization, 5. Media Characterization, 6. Media Media Anto Solu, Facunca Media Me		Yes	Yes	Yes	20 1	'es	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$ -
		2076	7/23/2014		4. Indicator of Stress, 5. Scholar Characterization, 2. Scholar Characteri		Yes	Yes	Yes	20 1	fes	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$
		2076	7/23/2014		4. Indicators of Stress, 5. Isobiat Characterization, 6. Measurement Archival and Data Mangement, 7. ACOMPRENENDUX AND INTEGRATED DESERVATION, MONTORING, MAMPING, AND MODELING PLAN FOR MISSISSIPPI 5. Statistice, multi-disciplinary encogeness methoding facilities which provide as understanding of the state of the Guif ecosystem and how its components thangeness, for adjustice coastar policy and management, assess damagement, 8. Accomprenentious Vision monitoring facilities which provide as understanding of the state of the Guif ecosystem and how its components thangeness, for adjustice coastar policy and management, assess damage due to natural and men-made disastees, inform restaration projects, and avaluate long-term trends under policy interess, for adjustice coastar policy and management, assess damaged use to natural and men-made disastees, inform restaration projects, and avaluate long-term trends the consider the effects of the Guif ecosystem and the consider the effects of the Guif ecosystem and the consider the effects of the Guif ecosystem and the consider the effects of the Guif ecosystem and the consider the effects of the Guif ecosystem and the consider the effects of the Guif ecosystem and the consider the effects of the Guif ecosystem and the consider the effects of the Guif ecosystem and the policy of the main particle and constant and theorem construction, and emargency responsibilities. Over the part of assess the management, interest, and a black damagement, the treat ecosystem that include ecosystem. The Impact of assess the management and ecosion of ponential problems and expediting entitigation when the need advanced as set level threat end coastal development. The Impact of assess the other set docatal and ethologeness and the management includeed ecosystem. The effects of the threat of the Guif equify the the discustor of ponential problems and expediting entitigation when the rest attack is a state of the effect of the coast development. The Impact of assess that of Indicator physical c		Yes	Yes	Yes	20 1	'es	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$ -
		2076	7/23/2014		4. indicator of Stress, 5. behatic Characterization, 6. Monteristance and the advector of Stress, 6. Advector of		Yes	Yes	Yes	20 1	'es	Yes	Yes	Yes	Yes		5 49,000,000.00	\$.
		2076	7/23/2014		4. Indicator of Stress, 5. Ideals Characterization, 1. Ideals and the second and the Management, 2. Ideals and the Second And And 2. Ideals and the Second And And 2. Ideals and 2.		Yes	Yes	Yes	20 1	es	Yes	Yes	Yes	Yes		\$ 49,000,000.00	\$ -
		2076	7/23/2014		4. indicator of Stress, 5. behatic Characterization, 6. Monteristance and the advector of Stress, 6. Advector of		Yes	Yes	Yes	20	es	Yes	Yes	Yes	Yes		5 49.000,000.00	\$.

Workforce 2085 7/30	2014 MS Habitat Characterization Restoration	A COMPREHENSIVE AND INTEGRATED OBSERVATION, MONITORING, MAPPING, AND MODELING PLAN FOR MISSISSIPPI				 20 11					\$ 19.000.000.00		
Development	Network (MSHCRN)	Satalined, multi-disciplinary ecosystem monitoring facilitates which provide an understanding of the state of the Guill ecosystem and how its components change over time are critically needed. Results from monitoring efforts yield baseline data that can provide any varienting of potential environmental untability, perturbations, and occenters. The information can be used to prioritize issues discrimination in the time value of ecosystem services to the Guilf which in turn can lead to resource management and regulatory decisions that consider the effects of those decisions based on a more complete set of economic factors. This information is related to increase management and economic management and regulatory decisions that consider the effects of those decisions based on a service complete set of economic factors. This information is reliable to increase management and economic management and regulatory decisions that consider the effects of those decisions based on a service complete set of economic factors.											
Workforce 2006 7/26 Development 2006	(MGSHN)	A COMPRETENSIVE AND INTEGRATED DISERVATION, MONITORING, MAPINIG, AND MODELING FLAN FOR MISSISSIPT Statistics multi-disciplinary ecosystem monitoring facilitases which provide an understanding of the state of the Guil ecosystem and how its components change over time are critically needed. Results from monitoring relating that that can provide an understanding of the state of the Guil ecosystem and how its components change over time are critically needed. Results from monitoring facilitases which provide an understanding of the state of the Guil ecosystem and how its components change over time are critically needed. Results from monitoring facilitases which provide an understanding of the state of the Guil ecosystem and how its components change organization on a low of the function of the state of	Hancock, S. Tanu	Yes	Yes	20 Yes	Yes	Yes	Yes	fes -	5 7,000,000.00	\$.	
Development	(2015 Conservation Demonstration Working Farm	Thanks to numerous conservation involution practices, as tearend of the land we are doing a much better job than in the park. A usehan granel and demands for our natural resources continues to increase, we need a forum to demonstrate theme we conservation dances to the public. A working demonstration for mould or consylvative for sources and and the producers of those resources and others. JAGMTe formal/Micosoft do utiliard in multiple ways to ashibit conservation practices. Farmers would be shown cutting edge farming practices that would benefit the environment while at the same time benefitting their bottom line. Students will alse advantage of the facility to better understand the quive habitst and the methods that are being used to handle the growing use of them todays. Schools will be able to expon chalders to have the facility to better understand the quives habitst and the methods that are being used to handle the growing use of them todays. Schools will be able to expon chalders to have the facility to better understand the pains of hous who they aren. These are just all few of the services that dBaThe FarmABD.	Harrison, Hancock	Yes Yes	Yes	Yes	Yes	No	Yes	Yes	\$ 5,000,000.00	\$ -	
Voutorce 2128 9/25 Development	2024 Impact of Suspended Sediment, Water Circulation, and Waves on Manhes and Opter Beds	we propose to deploy from monitory equipped with a downward looking BD Workshors Antimi ADC to measure the current. A physiolit structure, and supported advances concentration (SC), a Vuepent MLGO MWD Textical Wave Receiver, and four Support and Textica and Supported advances and supported advances. The support structure and support advances advances and support advances advances adva	Harrison, Hancock	Yes Yes	Yes	Yes	Yes	Yes	No	fe	\$ 1,640,000.00	\$.	
Development	/2014 Quantifying Water Quality Using Remote Sensing for the Gulf of Mesto	Since this project is delf wide, was interested in being considered for Council funding. however, just implementing same proporal in MS waters would be a great benefit to DMR and DEQ's day to day operations. The proposed effort will address the RESTORE Council priority area MGAWater quality monitoring and improvements AEIThe project will focus on establishing a time series (2013 4C° 2017) of satellish- baded water quality products with improved gatalian and temporal coverage. Water quality improvements to be achieved include detecting and monotoring (a) goatal liver and land discharge points and impacts to establishing a time series (2013 4C° 2017) of satellish- baded water quality products with improved gatalian and temporal coverage. Water quality improvements to be achieved include detecting and monotoring (a) goatal liver and land discharge points affective discharge from the discharged on point discharges and point like the MENE and the discharge from the discharged and security and the effort and advective caller products with improved gataling and temporal to every advective the method and detabling and accument of applicable were quality regions with advectives can be confirmed that water quality management in areas along the goal coast. Decision maker in each stateffict environmental applicable and course part advectives can be confirmed that water quality management in areas along the goal coast. Decision makers in each stateffict environmental applicable and course and advectives can be confirmed that water quality management in areas along the goal coast. Decision makers in each stateffict environmental applicable and temporal environmental applicable and temporal courses and advectives can be and three that water quality management in areas along the goal coast. Decision makers in each stateffict environmental applicable and scurite informations. Researes edital proposal with decorption, benefits, and tentative Partners- Proposal is scalable from just MS waters to the envire Gulf of Mexic		Yes Yes	Yes	20 Yes	Yes	Yes	No	Yes	\$ 12,000,000.00	\$-	
Workforce 2133 10/1 Development	/2014 Surface Currents and Wave Monitoring for the Gulf of Mexico	Inte LL Gui Coast is valenzed to a valenzy of role, including officionamisans optic, hummla digal bioms (1964a) and Wate, hummans, coastal land fisse, and registrom accounts. Near and inter information on coastal coastal valenzem and valenzem insportant element of a coastal acons device rule year mecassary (or migrating here inska of or protecting public heads has after, emergency response, the coastal economy and ustallable use of coastal resonancemental intelligence, which can be gained through a systemic coastal with the protecting public heads has after and through the state of t	Hancock, St. Tamr	Yes Yes	Yes	20 Yes	Yes	Yes	No	res	\$ 20,000,000.00	\$-	

c	Norkforce Development	2139	10/6/2015	Reduction in post hooking sea turtle mortality	The proposal will develop new technology to reduce sate turk montality by developing methods to remove finding line without monoige endagened is nutrited with the developed for information and unders. This new method will be developed for information and unders. The today and solver the developed for information and unders. The today and the set of the prevalence developed for information and underset. The today and the set of the prevalence developed for information and the set of the prevalence developed for information and the set of the prevalence developed for the set of the prevalence developed for the set of the prevalence developed for the set of the set of the prevalence developed for the set of t	Jackson, Hancock,	Yes	Yes	Yes 2	5 No	Yes	Yes	Yes	Yes	\$ 500,000.00	\$.
Υ ε	Norkforce Jevelopment	2140	1/1/2015	Sustainable Gulf Caast Oyster Restoration and Cassal Protection using Central Oyster Networker, and Gulf State Remote Setting Sites	In the face of goor spectra, but haves and a definition goter populations, a new specific transfer and the comparison of the spectra of the s	Gulf of Mexico	Yes	Yes	Yes :	28 Yes	No	Yes	Yes	No	\$ 132,000,000.00	\$.
1	Workforce Development	2149	1/1/2015	Edible Forests of the MS Gulf Coast	This project will develop fruit orchards in every city and county in the three county of the MS Guil Coast, Harrison, Hancock and Jackson counties. The Mississipal Urban Forest council will partner with are fire (City communities along the coast, local garder group and civic groups to develop the orchards. Training will be provided to citaters and those involved in the development of the orchards. Derroight for long term maintenance will be provided. Correct full varieties for the area, soils and climits will be taken into account for selection of spoince. This project will provide model orchards, encourage more local into production, provide exclarons the subtrained or chards, encourage more local provide model exclarons in enjements usuanable orchards, more than the direct provide model counties. The selection of the orchards area of the direct or the orchards and or the orchards.	Jackson, Harrison	Yes	Yes	No	Yes	Yes	No	Yes	Yes	\$ 450,000.00	\$ -
ν ε	Noriforce Revelopment	2155	10/27/2014	Establishment of an Agae for Aquaculture Center for Mississipp	In for this register, the Gordon Cannow, Yue President for Research USM The global population is register, and the spectrate to upgrave the Billin by 2006. At the population continues to grow, the ability for the world to feed itself will become increasingly more afficult. Environmental factors and immittations on water, Ludi, energy, and other viral resources will further transs food production throughout the world. Bwe textinologies that do not complete with current human Bod production resources and proteins on a surgering the advances. The short the specific text transs food production throughout the based based proteins the register by an object the structure of the proteins of the structure of the str	Jackson Harrison	Yes	Yes	Yes	Yes	Yes	Yes	Yes	fer	5 12,000,000.00	\$.
ve	Verkforce Development	2168	11/7/2014	Gul of Mexico Education & Outrach: Training the Net Generation of Environmental Health Managers	In recent year, direct and indirect anthropgenic impacts to onlial of Mexico, and the Missiagia Sound, coattal accostrems have reached orisis feeds. In additional one product from commonly waterwater. These multi-artexion emphases that as stakedoles and future generations of contents deal with these increasingly complex environential access, they will need training in operations of the state of the state of the state and the state of the sta			re	NO	No	165	ves	No	165	\$ 391,457.00	5 -
t c	Workforce Development	2169	11/7/2014	Gulf of Mexico Health Auseument: Instrumentation for Environmental Monitoring	startic construction of the Guil of Maxics, and the Musicage Sound, represent important commental failing yrounds, a well is habitate that upport advection and entrologous events include any multiple clargous 1- hunches, and and the hopports clargous 1- hunches, and any hopport and a darktrogous clargous 1- hunches, and any hopport and a darktrogous clargous 1- hunches, and any hopport and a darktrogous clargous 1- hunches, and any hopport and a darktrogous clargous 1- hunches and a strongous clargous 2-hunches and a strongous 2-hunches and a strongous clargous 2-hunches and a strongous 2-hunches and 2-h		Yes	Yes	Yes 10	00 No	Yes	Yes	No	No	\$ 400,000.00	\$ -

No. A.N. Description Description <thdescri< th=""><th>Workforce 2176</th><th></th><th></th><th>Brief Title: An Economic Impact Time-Series Model of the Wild Shrimp Fishery in Coastal Mississippi</th><th></th><th></th><th></th><th>10.00</th><th></th><th></th><th></th><th></th><th></th><th>1 1</th></thdescri<>	Workforce 2176			Brief Title: An Economic Impact Time-Series Model of the Wild Shrimp Fishery in Coastal Mississippi				10.00						1 1
Normal	Workforce 2176 Development	11/11/2014	the Wild Shrimp Fishery in Coastal	Brief Litte: An Economic Impact Lime-Series Model of the Wild Shrimp Fishery in Coastal Mississippi	Harrison	Tes No	res	16.7 Yes	Tes	Yes No		\$ 600,000.00	s .	
				Point of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth.LaFleur@usm.edu, 228.214.3438 and Dr. Gregory Bradley, Gregory.Bradley@usm.edu, 228.214.5402										
Normal				Type of project:										
Image: Section of the section of th														
Image: Section of the section of th				Brief description of activities:										
Normal														
Image: Single				A series of man-made and natural disaters have impacted the wild shrimp fishery in coastal Mississippi, beginning with the impact of Hurricane Katinia and continuing through the disater recovery accurate a with the Miricritical Biver flooding and another of the Renet Crara colliums and the Demanster Micricane Satil The Miricritical Biver flooding and another of the Renet Crara colliums and the Demanster Micricane Satil Accurate is most that the Renet Crara Crara Mississippi, beginning with the final collium and continuing through the disater recovery										
Image: Single				economy of Coastal Mississippi. The research project would estimate the economic impact of the fishery over a 20- year period, as data become available. Economic impact analysis will begin with the										
Image: 1 Image: 1 <td< td=""><td></td><td></td><td></td><td>2003 havest and continue through 2023. The 2003 and 2004 years will provide important \$ccpre-disaster benchmarks&22 Monitoring and estimating the economic impact of this fishery (both on the</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>				2003 havest and continue through 2023. The 2003 and 2004 years will provide important \$ccpre-disaster benchmarks&22 Monitoring and estimating the economic impact of this fishery (both on the										
Image: 1 Image: 1 <td< td=""><td></td><td></td><td></td><td>a customized economic impact model will be built and maintained for the lower six counties in Mississippi to support the research agenda. Among the outcomes will include changes in economic</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>				a customized economic impact model will be built and maintained for the lower six counties in Mississippi to support the research agenda. Among the outcomes will include changes in economic										
- -				growth due to the industry, and related changes in jobs and income. The College of Business will supply the business analytics to support the efforts of GCRI regarding the recovery and restoration of										
$ = \left[$														
Image: 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10														
Image: Note of the second s														
Image: Note of the second s														
				The research project will leverage the RESTORE priority area of seafood, specifically the call for Accessronmic impacts from commercial and recreational fishing along the Guif waters/allisted as one of distants may be arefued polytopic for used on 2016/00-0181 (and the search and the searc										
Neight No No </td <td></td> <td></td> <td></td> <td>commercial fisheries projects proposed for RESTORE funding by the Gulf Cost Research Laboratory.</td> <td></td>				commercial fisheries projects proposed for RESTORE funding by the Gulf Cost Research Laboratory.										
Image: 1 Material and set of basic lange and and and basic lange and and and basic lange an		11/11/2014		Brief Title: An Economic Impact Time-Series Model of the Wild Crab Fishery in Coastal Mississippi	Harrison	Yes No	Yes	16.7 Yes	Yes	Yes No	No	\$ 600,000.00	\$ -	
Image: 1 Note: 1	Development		the Wild Crab Fishery in Coastal Mississippi	Point of Contact. email and Phone #: Dr. Elizabeth LaFleur. Beth.LaFleur@usm.edu. 228.214.3438 and Dr. Greeory Bradley. Greeory.Bradley.@usm.edu. 228.214.5402										
Image: 1 1 1000 Image: 1 1000 Image: 1 10000 10000 1000														
Image: Single														
Norw 10 10.000 Address the strate of t				Brief description of activities:										
Image: Section 1 1 101 Image: Section 1 1 101 101 <t< td=""><td></td><td></td><td></td><td>A series of man-made and natural disasters have impacted the wild crab fishery in coastal Mississippi, beginning with the impact of Hurricane Katrina and continuing through the disaster recovery</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>				A series of man-made and natural disasters have impacted the wild crab fishery in coastal Mississippi, beginning with the impact of Hurricane Katrina and continuing through the disaster recovery										
Note: Note: <td< td=""><td></td><td></td><td></td><td>processes associated with the Mississippi River flooding and opening of the Bonnet Carre spillway and the Deepwater Horizon Spill. The wild crab fishery is important to the history, culture and excorport of Crasth Microtening. The preserve horizon typical actionant processing of the fishery carry 3 Dears marked and the the spin high balance of the fisher carry 3 Dears marked and the spin high action of the spin high action of the spin high action of the fisher carry 3 Dears marked and the spin high action of the spin high actin</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>				processes associated with the Mississippi River flooding and opening of the Bonnet Carre spillway and the Deepwater Horizon Spill. The wild crab fishery is important to the history, culture and excorport of Crasth Microtening. The preserve horizon typical actionant processing of the fishery carry 3 Dears marked and the the spin high balance of the fisher carry 3 Dears marked and the spin high action of the spin high action of the spin high action of the fisher carry 3 Dears marked and the spin high action of the spin high actin										
Note: Note: <td< td=""><td></td><td></td><td></td><td>2003 harvest and continue through 2023. The 2003 and 2004 years will provide important acepte-disaster benchmarksace Monitoring and estimating the economic impact of this fishery (both on the</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>				2003 harvest and continue through 2023. The 2003 and 2004 years will provide important acepte-disaster benchmarksace Monitoring and estimating the economic impact of this fishery (both on the										
Note::::::::::::::::::::::::::::::::::::				costal counties and the state of Mississippi) will add to the body of knowledge on the financial countribution of the fishery to these economics. Using established and conventional modeling software										
Image: Note: Section 1.				growth due to the industry, and related changes in jobs and income. The College of Business will supply the business analytics to support the efforts of GCRL regarding the recovery and restoration of										
Notice Note: N				this fishery. Notably, this series of models will serve as a prelude to the development of an economic impact forecasting model based on expected commercial yield and other outcomes.										
- And part of the set of the se														
Image: Note: Note				Infrastructure cost (# years): \$100,000 (1 year)										
Image: Note: Note														
Image: Note:				How will this leverage with other RESTORE priority areas or non-RESTORE funds?										
Image: Note:				The research project will leverage the RESTORE priority area of seafood, specifically the call for a Coeconomic impacts from commercial and recreational fishing along the Gulf waters a Clicked as one of										
Perform 1/1				at athe main areas the seafood industry is focused on at Gocoast 2020 Final Report, January, 2013, p. 25). The research will also leverage the scientific inquiries to support, restore and grow the										
Network Notion 1 <t< td=""><td>Workforce 2179</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Workforce 2179													
Note: Note: <td< td=""><td></td><td></td><td>An Economic Impact Time-Series Model of</td><td>Brief Title: An Economic Impact Time-Series Model of the Oxster Fishery in Coastal Mississioni</td><td>Harrison</td><td>Yes No.</td><td>Yes</td><td>16.7 Yes</td><td>Yes</td><td>Yes No</td><td>No</td><td>\$ 600,000,00</td><td>s .</td><td></td></td<>			An Economic Impact Time-Series Model of	Brief Title: An Economic Impact Time-Series Model of the Oxster Fishery in Coastal Mississioni	Harrison	Yes No.	Yes	16.7 Yes	Yes	Yes No	No	\$ 600,000,00	s .	
Number 1/10/2000	Development	11/11/2014	An Economic Impact Time-Series Model of the Oyster Fishery in Coastal Mississippi		Harrison	Yes No	Yes	16.7 Yes	Yes	Yes No	No	\$ 600,000.00	ı s -	
Image: Normal State	Development	11/11/2014	An Economic Impact Time-Series Model of the Oyster Fishery in Coastal Mississippi		Harrison	Yes No	Yes	16.7 Yes	Yes	Yes No	No	\$ 600,000.00	ıs -	
Number 12 12/12/22 Accordiant induction control state in the state is state is the state is state is state is the state is state is th	Development	11/11/2014	An Economic Impact Time-Series Model of the Oyster Fishery in Coastal Mississippi	heist of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth.LaFleur@uum.edu, 228.214.3438 and Dr. Gregory Bradley, Gregory, Bradley, @uum.edu, 228.214.5402 Type of project:	Harrison	Yes No	Yes	16.7 Yes	Yes	Yes No	No	\$ 600,000.00	s -	
Image: Normal state Applies Applies <td>Development</td> <td>11/11/2014</td> <td>I An Economic Impact Time-Series Model of the Oyster Fishery in Coastal Mississippi</td> <td>heist of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth.LaFleur@uum.edu, 228.214.3438 and Dr. Gregory Bradley, Gregory, Bradley, @uum.edu, 228.214.5402 Type of project:</td> <td>Harrison</td> <td>Yes No</td> <td>Yes</td> <td>16.7 Yes</td> <td>Yes</td> <td>Yes No</td> <td>o No</td> <td>\$ 600,000.00</td> <td>\$ -</td> <td></td>	Development	11/11/2014	I An Economic Impact Time-Series Model of the Oyster Fishery in Coastal Mississippi	heist of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth.LaFleur@uum.edu, 228.214.3438 and Dr. Gregory Bradley, Gregory, Bradley, @uum.edu, 228.214.5402 Type of project:	Harrison	Yes No	Yes	16.7 Yes	Yes	Yes No	o No	\$ 600,000.00	\$ -	
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Norther and control through 201. The 201 and 2004 years all prode ingression large of length on the control trengt of the fixed products and prod	Development	11/11/2014	An Economic Impact Time-Series Model of the Oyster Fishery in Coastal Mississippi	Neint of Contract, email and Phone #: Dr. Elizabeth LaFleur, Beth.LaFleur@uom.edu, 228.214.3438 and Dr. Gregory Bradley, Gregory Bradley, @uum.edu, 228.214.5402 Type of project: 	Harrison	Yes No	Yes	16.7 Yes	Yes	Yes No	o No	\$ 600,000.00	15.	
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Notice 11/11/2/35 Accordance	Development	11/11/2014	I An Economic impact Time-Series Model of the Oyster Fishery in Coastal Mississippi	Relet of Contact, email and Phone E: D: Elizabeth LaFleur, Beth.LaFleur@kum.edu, 228.214.3438 and Dr. Gregory Bradley, Cheng,	Harrison	Yes No	Yes	16.7 Yes	Yes	Yes No	> No	\$ 600,000.00	i \$ -	
L kar	Development	11/11/2014	An Economic Impact Time-Series Model of the Cryster Fishery in Coastal Mississippi	Net of Contact, email and Phone E. D: Elizabeth Laileur, Beth.Laileur, B	Harrison	Yes No	Yes	16.7 Yes	Yes	Yes No	> No	\$ 600,000.00	\$ -	
L kar	Development 228	11/11/2014	An Economic Impact Time-Series Model of the Dyster Fishery in Coastal Mississippi	Not of Contact, email an Phone F. D. Elizabeth Lafleur, leich Lafleurgeum, edu, 222.214.3438 and Dr. Gregory Bradley, Gregory	Harrison	Yes No	Yes	16.7 Yes	Yes	Yes No	> No	\$ 600,000.00	\$ -	
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	Development		the Oyster Fishery in Coastal Mississippi	Net of Contact, email and Phone E. D: Elizabeth Laileur, Beth.Laileur, B	Hamison	Yes No	Yes	16.7 Yes	Yes	Yes No	D No s Yes		5 .	
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Liong established and conventional modeling joilware, a classification dest will be built and maintained for the lower six counties in Missiago to support the research agenda. Economic impact analyses will is conducted in the agengate and by touring agents of destinations to the economy to indicate support amenitors of the economy to indicate several agenda and as an and horls and loging. Among the outcomes will include several agenda in the College of Business will supply the enging business analytics for the effects on all sectors of the economy to indicate several agenda. Isocation (Chr, Country): Long Beach, Namion Country Infrastructure coll (Fyran): 51.0000 (year for 10 years	Development		the Cyster Fishery in Coastal Mississippi A Comprehensive Economic Impact Time- Scrietie Model of Tourium Activities in Coasta	Net of Contact, email and Phone E. D: Elizabeth Lifleur, Beh. Lifleurgibum, edu, 228.214.3438 and D: Gregory Bradley, Gregory	Harrison	Yes No	Ves No	16.7 Ves	Yes Yes	Ves No	s Yes		s . s .	
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this effort, which fills a significant and critical research gap in this area. Location (Fig. County): Lengi Reach, Harrison County Infrastructure of the second of the se	Development		the Cyster Fishery in Coastal Mississippi A Comprehensive Economic Impact Time- Streine Model of Tourium Activities in Coasta	Net of Contact, email and Phone E. D: Elizabeth Laflev, Beh. Laflevgliven, edu, 224.214.348 and D: Gregory Bradley, Gregory B	Marrison	No No	Ves Ves	16.7 Ves	Ye	ite No I	9 Bo		3 .	
Infrastructure cost (#years): S1,500,000/year for 10 years	Development		the Cyster Fishery in Coastal Mississippi A Comprehensive Economic Impact Time- Streine Model of Tourium Activities in Coasta	Net of Contact, email and Prone E. D: Elizabeth Lalleur, Beh.Lalleur,	Marrison	90 90 90	Ves Ves	167 Inte	Yes	Ten No V	9 bo		5 .	
Infrastructure cost (#years): S1,500,000/year for 10 years	Development		the Cyster Fishery in Coastal Mississippi A Comprehensive Economic Impact Time- Streine Model of Tourium Activities in Coasta	Net of Contact, email and Phone E. D: Elizabeth Lifleur, Beh. Lifleurgibum, edu, 228.214.3438 and D: Gregory Bradley, Gregory	Marrison	 Yes No 	965 		Ye 76	Ten N	9 Bo		3 .	
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How will this leverage with other RESTORE funds?	Development		the Cyster Fishery in Coastal Mississippi A Comprehensive Economic Impact Time- Streine Model of Tourium Activities in Coasta	Net of Contact, email and Prone E. D: Elizabeth Laflev, Beh.Laflevgiven.edu, 22.214.3438 and D: Gregory Bradley, Gregory Brad	Marrison	NG NG NG	965 		Ye	Fra N N	a Yea		3 .	
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Workf	force	2180	11/11/2014	A Comprehensive Economic Impact Time-	Brief Title: A Comprehensive Economic Impact Time-Series Model of Recreational Marine Activities in Coastal Mississippi	Harrison	Yes	No	Yes	Yes	(es Yes	Yes	\$ 9.500.000.00 \$	
	lopment		.,,	Series Model of Recreational Marine Activities in Coastal Mississippi	en in 1982 A competentities contains impact impact impact in activation manne scatterer in contain matageper Point of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth.LaFleur@usm.edu, 228.214.3438 and Dr. Gregory Bradley, Gregory Bradley@usm.edu, 228.214.5402									
					Type of project:									
					InfrastructureEducational programResearch programWorkforce development _x_Economic developmentEco-Restorationx_SeafoodOther (Name):									
					Brief description of activities:									
					Marine recreational activities are abundant on the Mississippi Gulf Coast, and this 36ceblue economy502k widely believed to significantly impact the local and state economies. However, there is no innown comprehensive assessment of the economic impact of these coastal activities in Mississippi. Through extensive primary data collection, this research project would model the annual economic									
					impact of coastal marine recreational activities over a ten-year period on both coastal Mississippi and the State of Mississippi. Activities in the annual assessment would include recreational fishing, onshore and offshore charter boatine, bie game fishine tournaments, recreational boatine, and recreational activities on marine and inland waterways. Usine established and conventional modeline									
					software, a customized economic impact model will be built and maintained for the lower six counties in Mississippi to support the research agenda. Annual economic impact analyzes will be conducted in the aggregate and by activity segment to determine the effects on all sectors of the economy to include support amenities such as boat sales, bait sales, marine equipment sales, harbor									
					understand in the suggestion and stand programmer to externing the encoder of the encoder of the exception of the encoder of t									
					Location (Chy, County): Long Beach, Harrison County Infrastructure cost (# years): None Amual Constantion & Maintenance Cost (# years): \$950,000/vear for 10 wears									
					Annual Uperation & Maintenance Loss (a years): 5930,000/year for 10 years How will this leverage with other RESTORE priority areas or non-RESTORE funds?									
					The research project will leverage the RESTORE priority areas of Eco-Restoration, Economic Development, Seafood, and Tourism by measuring recreational monetary outcomes of our coastal natural									
Work	force	2181	11/11/2014	Continuous record of water quality for	resources and the blue economy. Specifically, this effort is based on the call for projects that provide access and the blue economy. Specifically, this effort is based on the call for projects that provide a direct impact on residentsist(** quality of lifek@which is listed under Additional The goal of ecological restoration is to provide a productive and sustainable ecosystem that results in the increase in biodiversity and nutrient retention. In near shore marshes, plant diversity and	Jackson.Harrison	Yer Ver	No	No	Yer	No. No.	No	\$ 380.000.00 \$	_
	lopment	2101	11/11/2014	evaluating restoration impacts (nutrients, trace metals, microbial communities and physical measurements)	Integrad Tecongcin relaxation rates provide a backwards are assuming and tecong provide the standard and	Jackson, Harrison		NO	NO	16		NO	3 380,000.00 3	
					Water quality indexes have been based on measurements of DIN, DIP, chlorophyll a, water clarity, and discolved orgen; however, because no DIP sensors are available such measurements are made on discrete samples and the availability of sanding people to sax. As a result there are limited temporal bacharations especially on hourly to daily time-scales and when weather is bad. In contrast, discles of submerse aquatic regation (Sky typically focas on of the shed ferrostic transportung). Duriteding High measurements are made									
					concentrations.									
					To deal with these shortfulls, we have been developing and utilizing continuous. Italia amplera (DomoSampeira) for occasie, estuarine, neviene, and and based bondhe research (Wheet et al. 2021). ComoSamplers use controls gradients to dave like and utilizing continuous. Italia (Justice) and the short and the dave every 15 minutes) to 5 years (samplers every week). Samples also can be preserved in situ to stabilize dissolved metals, nutrients and microbial community structure (Robdart et al., 2013).									
					We propose to deploy new state-of-the-art water quality monitoring systems that couples standard sensor measurements with OsmoSampler systems that are specifically designed to preserve fluids for nutrients, trace metals, and microbial community structure. We move beyond standard nutrient measurements to included trace metals and microbes. Trace metals can be toxic and are mobilized									
					by exercise of statistic signature in Section alternition and contaminated and natural sediments the latter resulting from changes in redox state. Samples also will undergo standard microbial analyzes with a particular interest in Ecoli, an indicator species for human health issues. However, the entire biome will be assessed because not much is known about the temporal aspects of microbial structure and function in these environments.									
					We propose to deploy 4 units in representative environments within Musicappi Sound for one year. Each unit will be recovered and redeployed every quarter (sally record) during which a companion deployment of a week in duration will be deployed and recovered (Hourly record). Samples will be analyzed at UM and other universities (e.g. USM), Fabrication, deployment, recovery, and analytical costs are estimated 2500 kith universities overbad.									
Workfi Develo	force lopment	2182	11/11/2014	Quality (Nutrients, Metals, Salinity, Pressure	The goal of ecological restoration is to provide a productive and sustainable ecosystem that results in the increase in biodiversity and nutrient retention. In near shore marshes, plant diversity and species differences lead to carbon sequestration, changes in water quality and nutrient retention. However, such wetlands are generally either nitrogen or phosphorous limited and the availability of	Mobile,Jackson,H	Yes Yes	No	No	Yes	No No	No	\$ 280,000.00 \$	
				using Pizometers (Boreholes)	these essential nutrients affects plant community type and species richness. Within marsh environments nutrients and availability of water affect plant zonation as a function of competition, physical stress and nutrient limitation. Therefore, continuous monitoring of these constituents is essential for restoration projects in Mississippi Sound to understand the temporal aspect of water quality									
					before and during restoration projects and to elucidate the effect of tidal forcing on the subsurface environment. For example, temporal monitoring within sandy march and coastal aquifers show a tidal influence on nutrient consumption and microbial productivity within the system (e.g., Sansone et al., 2008).									
					We propose to deploy novel sampling and sensor capabilities in peisometer (boreholes) within and near restoration projects to monitor nutrient, trace metal, salinity, and water level in the									
					subsurface. Such data will provide an indication of water flow, availability of fresh water, the transport and consumption of nutrients, and the mobilization of metals in response to changes in redox tate and productivity of microbial communities within sediment. This proposed work goes beyond standard analyses to include trace emtals because mobilization of urban and industrial sources of									
					trace metals (e.g., Fe, Mo, Cu, Cr, Pb, Zn, Cd, and Hg) through natural redox changes can reach concentrations that are detrimental or toxic in tidal creeks, watersheds, and in the subsurface.									
					The novel system that we propose to deploy couples standard sensor measurements with OsmoSampler systems that are specifically designed to preserve fluids for nutrient and trace metal concentrations. OsmoSamplers are continuous fluid samplers that have been utilized for oceanic, estuarine, riverine, and land-based borehole and plezometer research (Wheat et al. 2011).									
					OsmoSamplers use osmotic gradients to draw fluids into small-bore tubing. The slow pump rate and small bore result in plug flow, minimizing dispersion (Jannasch et al., 2004). Such systems have been designed for studies of days (samples every 15 minutes) to 5 years (samples every week) and can be designed to preserve samples in situ for later laboratory-based analysis of dissolved metals.									
					We propose to deploy 4 units in representative environments within Mississippi Sound proposed restoration projects for one year. Each unit will be recovered and redeployed every quarter (daily record) during which a companion deployment of a week in duration will be deployed and recovered (Hourly record). Samples will be analyzed at UM and other universities (e.g. USM). Fabrication,									
					recurp ouring which a companion reprovinent of a week in outsholl will be depoyed and recovered (nouring ecolog), samples will be analyted at ow and other drivers use (e.g. Osm), rabitication, deployment, recovery, and analytical costs are estimated at \$280K with university overhead included.									
Workf		2183	11/11/2014	RETINA: A K-6 STEM (Science, Technology,	Restoration and monitoring projects in Mississippi Sound require STEM (Science, Technology, Engineering, and Mathematics)-trained personnel and a community that appreciates the benefits of a	Pearl River,Washi	Yes Yes	Yes	20 Yes	Yes	No No	No	\$ 570,000.00 \$	STEM Curriculum
Develo	lopment			Engineering, and Mathematics) Program for Mississippi	healthy ecosystem; however, there is a deficiency in both that could sturt the growth, contruly and quality of proposed restoration project. To address there deficiencies and to position Musisalgol for the future wave related to advecide a calidate, capacity of advectory based learning, which is interest and a can be forered by promoting them can a case that and experiences. Such experiences play a vital role is achieving proficiency in science understanding, but unfortunately, a myriad of budgetary and acoidexonomic reasons limits opportunities for youth, having many economically diadvalutated autoent trailing is TRM Biol (RPL 2007).	1								
					To meet these challenges The RETINA Program provides schools with a cost-effective and administratively beneficial way to broaden the scope of student exposure through its STEM curriculum. The									
					RTINk Program is 30 minute per day program that tasts 5 days. The Program Bends formal disasconn instructional activities with head-on, all development to a team-based setting conducted by the teacher and guide unitonal science stands that are set for early particle of an and a setting team of the settin									
					based learning and provide a medium for communicating interest, experience, and challenges on the fifth and final day of the program.									
					The RETINA program has been designed, modified, and tested in several diverse schools in California and Vermont. It is now posed to expand. Because RETINA#(""s hands-on activities require (1) components that may be prohibitively expensive in today#(""s educational fiscal climate, (2) secure storage space, and (3) technology-savy individuals to maintain systems, the RETINA Program is									
1 1					designed as a traveling program that gives many students access to the same resources. We propose to (1) supply two towed cargo vans with all of the materials necessary for teachers to conduct the	1							1 1	1
					educational modules, (2) provide educators with program materials (lesson plan, PowerPoint presentations, homework, instructional videos, and images) and STEM professional development exissions, (3) introduce the RETINA Program within school systems to engage students, and (4) organise a community service organization to provide technical and logistical support to maintain and refurbish modules and to transport cargo vans from school to school.									
					[1] Ji effords the RETMA Program within school systems to engage students, and (4) organize a community structor organization to provide technical and logistical support to maintain and refurbith modules and to transport cargo vanis from school to school. Each van wille leaded with modules to accommodate 5 different classrooms per grade for each of the K-6 grades at a particular school. Given a week long program, one cargo vanis m reach "20	r								
					(3) introduce the RETINA Program within school systems to engage students, and (4) organize a community service organization to provide technical and logistical support to maintain and refurbish modules and to transport cargo vans from school to school.	-								

aided though the use of autonomous surface boats	map shallow coastal zones, this technology is limited when waters are not clear, is expensive to conduct, and does not provide a context for subsurface type and structure.					_								
surface boars	We propose a solution to this problem that affords an expansion engoing argragm for these shallow water areas with the resolution necessary to trick temposite damas in solution related and to discum substrate structure and type. To compare such operations we propose to use a feet of autonomic instrument of e.g., single structure, mangition and communication hardware] surface batts (supplic) that is reportive to a manned bate (e.g., Eastor Whate) with a multi-seam system and a sub-bottom chirps sourt. This automation exists (e.g., Mahacek et al., 2009; Kits and Mas, 2009) and has been expanded upon for gradient following (e.g., Admate et al., 2017).													
	Additionary systems offer near systemsizes are single system. Including redundancy, converge and Reality, One of the key technical consideration in the system state of the system state o													
	Furthermore, the manade presence provides a measure of quality control for the multi-beam system and chirp sub-bottom sonar on the command vessal. We propose to babricate 8 autonomous systems boats that will respond to a matter compater on a command via, Specifically we will use Booton Waler with pole mounted multi-beam and sub- bottom confile sonar to babric the site of interest. There the ASV will be initiated and foliary formation behind the command beat. We will use Notal Afasite sonerestEdExample	5												
	to cover 1.5 km2/tro r 14 km2/day (3,300 acres). This will provide a bathymetric map with centimeter resolution, characterize sediment type, and provide an indication of subsurface stratigraphy. Each kayak will cost "\$19K to purchase, instrument, and integrate with the aid of a graduate student, engineering technical support, and a smail operational team. These kayaks will be integrated into													
	the command structure during Year 1.1 For Year 2 we propage 20 days of operation in Musicipaly Sound to cover ("75,000 zores or 117 square miles). The total cost of the preparing the wholes in Year 1 and operating them in the field For 2 days in Year 2 16500A, but in Year 2016 (1997) and the field Parine Parine 2016 (1997) and the preparing the wholes in Year bedform to establish depositional and erosional rates within Musicipal Sound.													
														Curriculum developmen
214 Development of a Statewide Engineering Innovation Program for Marine Science Applications in Support of Mississippi Sound Restoration Projects	The National Discusses and Attinuispance Additionalization Registration for the national sector Attinuing on every say, both in the United States is manuformediated and over one-bind of the U.S. Working within the manufacture action are sublicited and over a sector attinuing and the sector attin	Hancock,Jacks	on Yes	Yes	Yes	Yes	Yes	No	No N	•	5	160,000.00	5 -	Curriculum developmen
	We propose to make an investment in the education of engineers at the college level within the state of Mississippi, by exposing students to challenging engineering applications in the marine world, thereby populing the door to a plethoran of potential careers. To accompliable this (rate we will team up with Dr. Chris Kitt, Anaciate Dean of Research and Faculty Poleopinent, School of Engineering. Stata Class University, who is finantly by the marine many control of the develop a multi-international, cooparative, engineering organin who the stare of valuente applications and mentors design and fabricate internments, platforms, and/or sensors. These products are integrated among the values university-based teams to complete a specified task that accomplishes a scientific gaal. This surrendul and homative and/or sensors. These products are integrated among the values university the fars marks includes a specified task that accomplishes a scientific gaal. This													
	Building upon this successful program, we propose to a similar program within the state of Mississippi to integrate each of the schools of higher learning with an engineering program. The National Institute for Underwas Science and Technology (INSUT), which is a partnership between the Univership of Mississippi and the M													
	The cost for this program is \$1000 per year with half of the funds being spent on materials/ <i>trans/sectoreals/sectoreals/trans/sectoreals/trans/</i>													
Remotely Operated Vehicle for Marine	The National Oceanic and Atmospheric Administration highlights the Importance of the marine sector Xdx0ne of every six jobs in the United States is marine-related and over one-third of the U.S. Gross National Product originates in coastal areas/dLN example of the growth in the marine sector is the expectation that remotely operated which (ROV) in 2015 are anticipated to have net manuare of 64 and the more offer the marine in Control and the growth in the marine sector is the expectation that more they to have net manuare of 64 and the more core to nearbornics (Emitted have marine in AUII's interfaced in the interfaced and AUII's 62 and AUII's 64 and AU		Yes	Yes	Yes	100 Yes	Yes	Yes	No N	•	\$ 5	6,000,000.00	\$ -	Equipment developmen
Science biscovery and experimentation	growth of sensors and navigational equipment doubled in the 2010-2011 period alone (Lee et al. 2012). However, no deep-water ROV systems for marine science are based in the state of Mississippi o in any of the five states that border the Guif of Mexico.	r												
	We propose to make an investment in the infrastructure of Musicuppi Marine Technologies though the purchase and use train is of a 4000 m capable remotely equated which (BOU). The kitosol intributes for undersease and the University of Sustainage and Eastern Marines (Fernal Marine Technologies though the purchase and use train is of a 4000 m capable remotely equated which (BOU). The kitosol intributes for undersease of the University of Sustainage and Eastern et al. The design of the train the unit of the University of Sustainage and Eastern et al. (Sustainage and Eastern et													
	The cost for such a vehicle would include a tether, which, and tether management system, control van, and supply van. The vehicle would have 2 seven-function manipulators. The cost for this the design, purchase, and sea trials is "\$5M and would take 3-4 years to complete the final integration of systems for ocean operations.													
014 Bayou Bernard Industrial Expansion	The Nation County Development (Commission (HCC) has 43 acres of land for development remaining in the Bernard Bayus Industrial District (BBD). To assume the amount of developbel and, ACC is requesting industria to pany Intringent Jones in BBD by 32 sec. This acres glo board week and a signature intringes. Df and is prevently at state for weeking concentration. Utiling funds provided by the RESTORE Act HCDC would allow for the purchase of necessary credits to miligate the property and perform the necessary step preparation for immediate development.	Harrison	Yes	No	No	Yes	No	No	No N	•	\$ 6	5,000,000.00	s -	
014 Mississippi Gulf Coast Marketing Campaign	The Manuality Guil Cast was hard by by the 2020 Deepweder Horizon OI Split. While media reports and cudies have centered on the environmental impact than the Manuality Guil Casta we should not forget the economic impact that the split had in the regions. To that end, the Harrison Gourity Development Committee (HXCD) is requesting 5500,000 to develop a marketing campaign to be managed by the Manuality Guil Casta. Funds were development. Funds were development to end the effort and word be housed in RXCD some difference are an antering managed by the Manuality Guil Casta.	Harrison	Yes	No	No	Yes	No	No	No h	•	s	500,000.00	\$ -	
014 North Harrison County Industrial Complex	The letimics Gourty Development Commission is requesting \$4 million to axiat with development costs associated with the Yorki Neurons County Industries Compiles. The 612-area test is located to the wear of the U.S. do control huiling Guidrant and Mattiskups. To cold as appointantly \$111 tillions have ben vested in the property to increase the number of developable accur under the management of the Neurisan County Development Commission (NCCC). While the site is nearing completion additional work is needed. To make the site more marketable for large scale development and additional and as inquired, were and several to the context to a durarounding weathment. A much a malagended.	Harrison	Yes	No	Yes	100 Yes	No	No	No M	o Land	i Mitię S 4	,000,000.00	\$-	
014 West Harrison County Business Incubator	The termine Goung Development Commission (ICCC) is requesting 570,0000 is construct a fault Builton isolator to be located in the Long Bench Induction Mark. This new faulty avoid be parameterial isolations with the Involution in the located in Billion 1000, the location Construct Mark Bench Bench Induction and Mark Bench Ben	Harrison	Yes	No	Yes	100 Yes	No	No	Yes N	•	s	700,000.00	\$ 80,000.00	
014 BBID Bulkhead	Project Description	Harrison	Yes	No	Yes	100 Yes	No	No	No P	•	\$ 2	2,000,000.00	\$-	
	The Netrono Courty Development Commution (FCCQ) will construct a 950KPT bulkhead and dock facility in the Bernard Bayou Inductional District (BBID) for comparise requiring access to the BBD Inductard Seavey. The BBD is the target Inducting and in National Second service of the SBD and Second and Second Second and Second Se													
	Continued development and economic growth of the Billo is high priority to the Commissioners of the HCCC. The purpose of the project is to prepare a show ready see offering immediate access to the Bill Scaway. The Add set is the All Control and HCCC to accessful recurst the multimodal activity for companies requiring immediate priority to the Bill Scaway. The Add set is the All Control accessful the ACC to accessful the ACC to accessful the ACC to accessful the ACC to accessful to the Bill Scaway. The Add set is the ACC to accessful the ACCessful th													
	Project Benefits	1												
	deceased capital investment in real and personal property. Mellow ranney place realized place scalar capital plac													
	-Brovider further stabilization of the bank adjacent to Gulf Ship - one of Harrison County44*'s largest employers Project Cost													
	-\$4,100,000 to include: bulkhead, dredging, site preparation, fill, engineering	1												
0 0	Applications in Support of Ministrappi Sound Restoration Projects	a Advances Ad	Important Important <t< td=""><td>Image: Section of the sectio</td><td>Image: Section sectio section section section section section section s</td><td>0 Image: Constraint of a first straint of a first</td><td>Image: Control in the second second</td><td>Image: Control in the second secon</td><td>a Note: Note:</td><td>a Additional and additional addita additionadditionaddita additionadditadditional additionadditio</td><td>Image: Control Image: Contro Image: Control Image:</td><td>I Normality in the interpret of the interpr</td><td>Image: Section 1.1.1 Image: Section 1.1.1 <td< td=""><td>In production of the interpretation of the interpretation</td></td<></td></t<>	Image: Section of the sectio	Image: Section sectio section section section section section section s	0 Image: Constraint of a first straint of a first	Image: Control in the second	Image: Control in the second secon	a Note:	a Additional and additional addita additionadditionaddita additionadditadditional additionadditio	Image: Control Image: Contro Image: Control Image:	I Normality in the interpret of the interpr	Image: Section 1.1.1 Image: Section 1.1.1 <td< td=""><td>In production of the interpretation of the interpretation</td></td<>	In production of the interpretation

Workforce 2201 Development	11/13/2014	Commercial Proving Ground for Space to Sea Floor Environmental Monitoring	Commercial Proving Ground for Space to Sea Floor Environmental Monitoring Technologies and Autonomous Airborne and Maritime Systems Project Overview and Rationale	Hancock,Jackson Ye	Yes	No	Yes	Yes Yes	Yes Yes		\$ 2,500,000.00 \$	
		Technologies and Autonomous Airborne and	Testing and validating new environmental monitoring technologies to enable long-term land use planning, management, and sustainability of coastal resources is a foundational precept of community									
		Maritime Systems	resilience through ecosystem preservation and restoration. Protecting these coastal resources which provide critical ecological services to the communities along the Mississippi Gulf Coast in terms of buffers against storm surge and sea level rise requires long-term dependable, detailed, and proven information to make decisions that affect restoration and preservation outcomes. The National									
			Domes agains som salge and sea reventer requires ongreem dependade, desained, and provent innomation to make decisions clinat anex resonation and prevention formation and previous desained and prevention of the second state and the second s									
			provide to address Mississippi restoration objectives while enhancing the long-term economic sustainability of this expanding geospatial information industry on the Mississippi Gulf Coast.									
			Expansion and sustainability of this industry and its long term benefit to ecosystem restoration is currently inhibited by inconsistent means to calibrate and validate the basic data sets that underpin the derived resource management information. Scientific sampling designs to determine ecosystem restoration trends and quantified geospatial frameworks to make informed restoration investment									
			decisions are critically dependent on calibrated and quantified data sets of known positional, spatial, spectral, and radiometric resolution. Replicable, calibrated data is the fundamental requirement									
			for measuring spatial and temporal trends in coastal ecosystems that address long-term adaptive management alternatives. This proposal addresses the fundamental requirement for quantified data and geospatial information products by Federal, State, NGO, and private organizations focused on wetland restoration and									
			mp propora autorises the fundamental requirement or quantized out a fungeopartal mominum products by repeat, state, redo, and private organizations to cover or meaning and the state of th									
			information product performance. The NDARC team will provide a comprehensive test range comprised of calibrated and instrumented target sites as well as highly instrumented and surveyed									
			ecosystem reserves to Mississippi companies and universities to validate data products and derived geospatial information. The Mississippi Proving Ground will provide a unique, competitive edge to our companies and universities as they fully demonstrate and prove new monitoring technologies and information products to broader national and international markets.									
			on companies and oncertaines as they run demonstrate and prove new monitoring technologies and international products to drouble raisonal and international manacts.									
			áčf Opportunity									
			opportomy The market is currently exploding in low cost environmental monitoring technologies including commercial small satellites, unmanned air vehicles (UAVs), and autonomous maritime vehicles operation									
			on and below the surface. To reduce vehicle cost, weight and power requirements, these platforms typically omit on-board calibration equipment. Therefore, the only way environmental data stream	s								
			from these platforms can be validated and calibrated is through well characterized, calibrated, and instrumented ground-based test ranges. This proposal addresses this requirement by providing the means for Mississippi companies to enter the market with proven and tested information products and platforms.									
			At the same time a well characterized, instrumented test range is aligned with RESTORE objectives focused on sustainable wetlands and resilient communities. The natural ecosystem component of									
			this range will be used as the reference condition for conducting trend analyses on wetlands undergoing restoration and to aid in reporting long-term outcomes of restoration. In addition, the natural ecosystem test sites will be used to develop quantified sampling and monitoring techniques to determine long-term health and condition of wetland habitats including changes in areal extent, specie									
			composition, and competing land uses.									
Workforce 2206	11/13/2014	Beatline Road Widening and Expansion	The Harrison County Development Commission (HCDC) is requesting \$20 million to fund the widening and extension of Beatline Road in the City of Long Beach from two lanes to three lanes. Beatline Road presently runs from the CSX Rail Line north to Interstate 10 and services the Long Beach Industrial Park, as well as, being the primary evacuation route for residents in west Harrison County. Afte	Harrison Ye	NO NO	Yes	100 Yes	No No	No No		\$ 20,000,000.00 \$	
os coopinent		1	construction, Beatline Road will extend to U.S. Highway 90, which will allow for the movement of vehicles from the beach to Interstate 10. In its current condition Beatline Road hinders the ability of									
			HCDC to adequately market the Long Beach Industrial Park to prospects requiring the movement of large trucks from the industrial park to Interstate 10.									
Workforce 2209	11/13/2014	Harrison County Revolving Loan Fund	The Harrison County Development Commission (HCDC) is requesting \$25 million to fund the creation of the Harrison County Revolving Loan Fund. The revolving loan fund (RLF) will be a gap financing	Harrison Ye	s No	No	Yes	No No	No No		\$ 25,000,000.00 \$	
Development			measure primarily used for development and expansion of businesses. It will be a self-replenishing pool of money, utilizing interest and principal payments on old loans to issue new ones. The establishment of a RLF will provide access to a flexible source of capital that can be used in combination with more conventional sources. It will also provide a bridge between the amount the	📕								
			borrower can obtain on the private market and the amount needed to start or sustain a business.	📕								
			Eligible uses for RLF loans include:	1								
		1	aCc@perating capital aCc@cquistion of land and buildings									
			SECNew construction									
			at CBuilding renovation , and at CBMachinery and equipment.									
Workforce 3213 Development	11/14/2014	University and College Volunteers for Restoration Projects	Community Collaborations International will deploy teams of university and college volunteers from around the country to participate in a week of service devoted to giving a boost of youthful energy to community based organizations supporting children. families, and the environment on the Gulf Coast.	Harrison Ye	es Yes	Yes	Yes	Yes Yes	No Yes		\$ 410,000.00 \$ 360	0,000.00
			Community Collaborations International began working in the Gulf Coast ten years ago recruiting and organizing teams of college volunteers to assist with Hurricane Katrina recovery efforts. Since									
			then, we have returned every year building relationships and a continuum of sustained impact in the region. Volunteer teams will coordinate their efforts with organizations such as the South Mississippi Land Trust. Audubon Society. Horticulture for Humanity. Gautier Parks and Recreation Department.									
			Mississippi Department of Marine Resources, Boys and Girls Clubs of the Gulf Coast, Gulf Islands National Seashore, Renew our Rivers, and many more. Based on prior year results, we expect 30									
			universities and colleges to participate resulting in between 400 and 600 volunteers primarily during the month of March. 400 volunteers each committing to a full week of service results in over									
			12,000 hours of much needed support for community organizations! These students have made a commitment to spend their spring break week focused on meeting the needs of Gulf Coast communities at they work hard and get the job done.									
Workforce 2222	11/15/2014	Linderstanding the Economic Linkager	Background	Hancock Jackson F	No	Ver	Var	Yor Yor	Yor Yor		467 197 00 5	
Workforce 3223 Development	11/15/2014	Understanding the Economic Linkages Between Coastal Restoration and	Background The Mississippi State University Center for Urban Rural Interface Studies (CURIS), holds a mission to provide a clearinghouse of information regarding community socio-economic profiles, changes in	Hancock,Jackson,F Ye	s No	Yes	Yes	Yes Yes	Yes Yes		\$ 467,187.00 \$	
	11/15/2014	Between Coastal Restoration and Community Recovery from Damages	The Mississippi State University Center for Urban Rural Interface Studies (CURIS), holds a mission to provide a clearinghouse of information regarding community socio-economic profiles, changes in land use, community resiliency, economic and disaster preparedness, and economic impacts of natural and technological disasters. Founded in 2005 just prior to Hurricane Katrina, CURIS was funded	Hancock,Jackson,F Ye	es No	Yes	Yes	Yes Yes	Yes Yes		\$ 467,187.00 \$	
	11/15/2014	Between Coastal Restoration and	The Mississippi State University Center for Urban Rural Interface Studies (CURIS), holds a mission to provide a clearinghouse of information regarding community socio-economic profiles, changes in	Hancock,Jackson,F Ye	es No	Yes	Yes	Yes Yes	Yes Yes	:	\$ 467,187.00 \$	
	11/15/2014	Between Coastal Restoration and Community Recovery from Damages	The Massing State University Conter for Urban Fuez Interface Studies (CURS), Nolds a mission to provide a desirablyouse of Information regarding community wood execonice profiles, charges in bud our, community realising, executing and distatest preparationary and ecconice impacts of charant and technological distates. Funded to 2006 tat prior to Intercase Katina, CURS was funded by the U.S. Deparationet of Community and project title discultinguing casaal Development impacts in flural Communities in the Northern Gaif of Mexico Region: Ecclaration title Science for Science and Regionence Regionence. 200		es No	Yes	Yes	Yes Yes	Yes Yes		\$ 467,187.00 \$	-
	11/15/2014	Between Coastal Restoration and Community Recovery from Damages	The Makajagi State University Center for Urban Furzi Interface Studies (CURS), Nolds a mission to provide a clearinghouse of information regarding community wood economic profiles, changes in land use, community reliancy, economic and distates preparedness, and economic impact of indusiant et Andread Caldisatter. Founded ness by the U.S. Department of Commerce through a project titled StackMigging Catalla Development impacts in Brual Communities in the Northern Gulf of Mexico Region: Etablishing the Center for Excellence in Catali Resource Management.40 The Deeparate Initiation of Juli disrupted the Gulfet ⁴⁴ : economy, damaged fisheries and ortical hobitats. In order to understand the magnitude of the Economic impacts of Deeparater Horizon OI Sp		es No	Yes	Yes	Yes Yes	Yes Yes		\$ 467,187.00 \$	
	11/15/2014	Between Coastal Restoration and Community Recovery from Damages	The Maiosing State University Center for Urban Furzi Interface Studies (CURS), Noisa nnison to provide a clearinghouse of information regarding community wood economic profiles, changes in and ourse, community realismery, encourse distates preparadences and economic impact of natural and echnological distates. Fraudence and 2005 just prior to Intracea Latina, CURS was funded by the U.S. Department of Commerce through a project titled StackMigging Cotability. Fraudence distatest fraudence and 2005 just prior to Intracea Latina, CURS was funded by the U.S. Department of Commerce through a project titled StackMigging Cotability. Fraudence and and the Northern Guil of Mexico Region: Etablishing the Center for Excellence in Cotabil Resource Management.401 The Deeparker Horizon I guil Ginuplet the Guild ^{CHI} economy, damaged fisheries and oricial hobitats. In order to understand the magnitude of the Economic impacts of Deepwater Horizon DI Spi to the different economic sectors affected, multi-year baseline economic information about each sector was compiled from various secondary sources.		es No	Yes	Yes	Yes Yes	Yes Yes		\$ 467,187.00 \$	
	11/15/2014	Between Coastal Restoration and Community Recovery from Damages	The Massing State University Center for Urban Rurz Interface Studies (UKBS), blocks a mission to provide a clearinghouse of information regarding community work concornic profiles, hunges in bind use, community realismer, resonance and distates proparationes, and accommic impacts in channel and technological distances. Founded to 2005 just prior to Narrase Reliation, URBS was funded by the U.S. Department of Commerce through a project titled StacMingsting Gazall Development impacts in Rural Communities in the Northern Gail of Mexico Region: Establishing the Content Reliance of Russiement Content Resource Massiement EBI The Deeparater Horizon of gail Resource Massiement EBI to the different economic sectors affected, multi-year baseline economic information about each socie to undersized the magnitude of the Economic Impacts of Deeparater Horizon OI Spi to the different economic sectors affected, multi-year baseline economic information about each socie to sampled form various seconding outcines. The sample of the sam		es No	Yes	Yes	Yes Yes	Yes Yes		\$ 467,187.00 \$	
	11/15/2014	Between Coastal Restoration and Community Recovery from Damages	The Maxings State University Content for Urban Rurz Interface Studies (UKBS), Noisa mission to provide a cleaninghouse of Information regarding community rook censions: profiles, Augus; in and use, community realisery, exonance and distates proparadines, and economic impact of Intravia and echnological distances. Funded to 2005 just prior to Narrace Attinua, QUBS was funded by the U.S. Department of Commerce through a project titled StacMMigraing Casaal Development impacts in Naral Communities in the Northern Gulf of Mexico Region: Establishing the Content of FaceInterion Content allenous Maxagement Instations: Analyzed and the Northern Gulf of Mexico Region: Establishing the Content Research and Research Maxagement Instations: and ordical habitats. In order to understand the magnitude of the Economic Impacts of Deparater Horizon OI Spit to the different economic actors affected, multi-year Sanding content information about each sector was compiled from various accompany sources. Happoints of Lasters funder and the sandor Maxagement Instation about each sector was compiled from various accompany sources. Happoints Content and the sandors of Aragement Industria, and chical habitats. In order to understand the magnitude of the Economic Impacts of Deparater Horizon OI Spit to the different economic actors affected, multi-year Sandor Industria, the prior action and economic Integrate Analysis and chical habitats. In order to understand the prace action for the order and industria and a different economic of the structure of access in the laster of the structure of access in the factor of the prior to the structure and the structure and apprint integrating and the development of the structure of access and and and and the structure of the structure of the structure of the development of the structure of the structure of the structure of the development of the structu		es No	Yes	Yes	Yes Yes	Yes Yes		\$ 467,187.00 \$	
	11/15/2014	Between Coastal Restoration and Community Recovery from Damages	The Massing State University Conter for Urban Rurz Interface Studies (CURS), block a mission to provide a cleaninghouse of Information regarding community routing, block and state regarding community and cleaning for a disconset of provide a disconset of disconset of disconset of disconset of disconset disconset of disc		es No	Yes	Yes	Yes Yes	Yes Yes		\$ 467,187.00 \$	
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Development	3230	11/16/2014	Developing Social Indicators to Guide and Evaluate Coastal Restoration and Protection	Establishing a Regional Coastal Land Grant University Initiative: A Coordinated, Multi-state Approach to Integrated Engagement, Research, Technology Transfer, Education and Outreach. Objectives of this project are:	Hancock, Harrison Tes	Yes	No	Yes	Yes	NO	tes y	es l	\$ 3,200,000.0	u Ş	-
Development			Evaluate Coastal Restoration and Protection Projects and Activities												
				1.8nderstanding Stakeholder Beliefs and Perceptions: The First Step toward Effective Engagement, Awareness, Outreach, and Policy Development											
				To formulate effective engagement, outreach and educational programs requires an understanding of the underlying beliefs and values of various target audiences. Every individual, every community,											
				and every culture has a set of beliefs and values that guide decision-making. Through the use of social science survey instruments, the underlying beliefs and values of selected target audiences will be											
				surveyed at the local and regional scales to serve as a basis for effective engagement, technology transfer, education and outreach through the expanded Coastal REACH Program and to serve as a reference to gauge the effectiveness of these efforts. This information should also be very useful to the RESTORE Council as it considers project selection and evaluation.											
				2.Beveloping Social Indicators to Guide and Evaluate Coastal Restoration and Protection Projects and Activities											
				Social indicators are measures that describe the context, capacity, skills, knowledge, values, beliefs, and behaviors of individuals, households, organizations, and communities at various geographic											
				Scales. Social indicators are humanication of the service of the s											
				identify and define social indicators that can be used to guide and incrementally evaluate habitat and water quality restoration and protection projects developed to implement the RESTORE CounciláC*s Comprehensive Plan. The indicators can also be leveraged to serve as a common reference to evaluate the success of individual coastal watershed restoration and protection projects.											
				This foundational project will be designed to support and evaluate many of the activities and projects facilitated by the RESTORE Council by addressing the societal dimensions inherent in the CouncilàC ^w s Comprehensive Plan. A wide range of questions exist that, if answered and monitored, could help the RESTORE Council achieve the success that it desires, such as: What constitutes											
				project success from a societal standpoint? What expectations do different types of stakeholders have? What types of projects are desired geographically? What information is needed to inform											
				stakeholders and where is it needed? How effective are education and outreach activities? What can be done to improve these efforts? What are stakeholders saying through social media? Starting with analysis of the input generated through local stakeholder meetings facilitated by RESTORE Council members that influenced the Council&C**s approach; to developing social media? Starting											
				baseline assessments; through incremental monitoring as projects are conceptualized, implemented, and completed; the objectives of this project could provide great benefit during planning.											
				implementation and evaluation of many, if not most, of RESTORE Council projects and activities.											
				This project was created to offer significant advantages to the RESTORE Council to assist in implementation of its Comprehensive Plan. This concept: 1.Ban support all five of the RESTORE Council MC ^{ws} goals and other engagement, research, technology transfer, education and outreach needs;											
Workforce	3231	11/16/2014	Regional Coastal Land Grant University and	Establishing a Regional Coastal Land Grant University Initiative: A Coordinated, Multi-state Approach to Integrated Engagement, Research, Technology Transfer, Education and Outreach. Objectives of	Hancock, Harrison Yes	Yes	Yes	Yes	Yes	Yes	Yes	'es	\$ -	\$	
Development			Extension Initiative: Disseminating RESTORE Council-facilitated Coastal Restoration and	this project concept are:											
			Protection Projects, Activities, Outputs and	1.Extablishing a structure and processes for regional collaboration among Gulf of Mexico land grant universities and their coastal Extension programs to foster a consistent Gulf-wide approach that leverages Extension activities and capabilities to support the engagement, technology transfer, education, outreach and extension priorities of the RESTORE Council 3C ^{os} Comprehensive Plan.											
			Outcomes through Annual State-wide	2.Bisseminating RESTORE Council-facilitated coastal restoration and protection projects, activities, outputs, and outcomes though annual state-wide conferences, Gulf-wide summits, and Extension	📕										
			Conferences, Gulf-wide Summits and Extension	Land Grant Universities. Land Grant Universities (LGUs) are uniquely positioned to assist each coastal state in a variety of ways 34C* from conducting research ranging from basic discovery to on-the-	📕										
				ground applications of the science of soil conservation, water quality, habitat and ecosystem dynamics, human behavior, and other applications. LGUs in each coastal state have a wide range and	📕										
				depth of expertise in these areas, and are a highly trusted source of objective research-based information. Researchers, Extension specialists and educators put the science into practice by engaging and educating agricultural and business interests, local governments, and urban and urbanizing communities; conducting applied research; and understanding economic drivers that lead to decision	📕										
				making. In addition, faculty in LGUs regularly collaborate on multi-state research and extension education projects.	📕										
				Extension Service. The Smith-Lever Act of 1914 established the Cooperative Extension System, a publicly funded, informal educational system that links the U.S. Department of Agriculture, the land											
				grant university system, and individual counties. Extension, as the off-campus educational arm of land grant universities, has a large footprint in each state with offices in all or most counties and the office of the other th	📕										
				trained staff to provide community education and outreach in multiple disciplines. Extension's overall purpose is education. Its unique interdisciplinary perspective enables the organization to make a real difference through the provision of research-based information, educational programs, and technology transfer focused on issues and needs of the citizenty of each state. Extension also hosts	📕										
				customer-friendly websites loaded with information sheets, publications, reports and other outreach materials designed for its stakeholders. Extension is organized regionally; however, the Extension	📕										
				structure on the Gulf coast is separated into two regions.	📕										
				Objective 1. Establishing processes for regional collaboration among Gulf of Mexico land grant universities and Extension programs. Objective 1 is a foundational component that establishes processes, through existing land grant university infrastructure, that leverages participating coastal Extension and other programs to provide a consistent, coordinated, multi-state approach that											
				delivers effective engagement, research, technology transfer, education, outreach and extension to support implementation of the RESTORE CouncilàC ¹¹⁹ s Comprehensive Plan. It is envisioned that the											
				successful implementation of this objective will foster 1) the development of integrated, multi-tate, guide-state, divide restoration and protection projects and activities that leverage the significant resources and early for fourth land with a state state of the significant resources of the significant resources and the sis and the significant resources and the	📕										
				and capacity of coastal land grant universities and Extension, and 2) serve as the platform upon which to implement Objective 2 of this proposal (below).	📕										
				Objective 2. Disseminating RESTORE Council-facilitated coastal restoration and protection projects, activities, outputs, and outcomes though annual state-wide conferences, Gulf-wide summits, and Extension.	📕										
Workforce	3233	11/17/2014	Port Bienville Certified Site Development	Extension. Port Bienville has no large certified, shovel-ready sites to attract new industry. Because developing such sites is a priority for HCPHC, we have identified property adjacent to Port Bienville Industrial	Hancock Yes	No	Yes	10 Yes	No	No	No B	io	\$ 5,500,000.0	0 \$	-
Development				Park (PBIP) that is ideal for development of a certified industrial site. The property (approx. 800 acres) borders our current rail spur, minimizing the cost of rail expansion. It also abuts the portàC ^w s main access roadway, Lower Bay Road. Electric, gas, water and sewer utilities are at the site, making this location an ideal property for expansion of port acreage.	📕										
					📕										
				HCPHC proposes to acquire the site, perform all necessary cultural and environmental assessments, and miligate impacted wetlands (if any) to create a Project Ready Certified Site at PBIP.	📕										
Workforce	3234	11/17/2014	CSX Rail Bridge Replacement - Pearl River	The CSX rail bridge which crosses the mouth of the Pearl River is currently a swing bridge with a horizontal clearance of 873C" and a vertical clearance of 143C". This bridge has the smallest horizontal	Hancock Yes	No	Yes	100 Yes	No	No	No P	40	\$ 70,000,000.0	0 \$	
Development				dearance of any train bridge located on the CSX line from New Orleans, LA to Mobile, AL. The location of the open swing portion is located where the current of the Pearl River is at its strongest making it difficult for vessels pushing a tow to navigate between the bridge and the bank. The replacement of the swing bridge to a bascule bridge would have numerous benefits. It would increase											
				making it dimicuit for vessels pushing at tow to havigate between the bindge and the balk. In replacement of the swing bindge to a bascule bindge would have numerous benefits, it would increase the horizontal clearance and allow vessels to avaigate in a safe manner more safely and with greater ease.											
Workforce	3235	11/17/2014	Port Bienville Industrial Park Administration	HCPHC proposes to construct a multi-functional, centralized administrative building at Port Bienville Industrial Park.	Hancock Yes	No	Yes	100 Yes	No	No	No	io.	\$ 1,500,000.0	0 \$	-
Development			Building	Port administration currently operates from separate facilities. The Railroad Department is using an old fire station and the Facilities C [®] Department is operating from an office connected to their											
				equipment shed. A centralized administrative building will eliminate the separation of the Port Management team and allow more effective department coordination and oversight. The new building would be raised above ground to mitigate possible flooding impact, while creating parking under the building. This design would require a smaller footprint and less land use.	📕										
					📕										
				As an indirect impact, a new administration building would also allow the Port to return the fire station to its original function, thereby offering better fire protection to Port tenants.	1 📫								1	1	
Workforce	3237	11/17/2014	Job Training for Living Shorelines and Tidal	Job Training for Living Shorelines and Tidal Marsh Restoration.	Hancock, Harrison Yes	Yes	Yes	Yes	Yes	No	No	10	\$ 90,000.0	0 5	- Curri
Workforce Development	3237	11/17/2014	Job Training for Living Shorelines and Tidal Marsh Restoration.	Job Training for Using Shorelines and Tubil Marsh Restoration.	Hancock, Harrison Yes	Yes	Yes	Yes	Yes	No	No N	io	\$ 90,000.0	0 S	- Curri
Workforce Development	3237	11/17/2014		A benefit of the RESTORE funds will be creating a stronger demand for skilled workers to install living shorelines and do work to restore tidal marshes. The skills for such green jobs combine	Hancock, Harrison Yes	Yes	Yes	Yes	Yes	No	No N	¢0	\$ 90,000.0	0 S	- Curri
Workforce Development	3237	11/17/2014		A benefit of the RESTORE funds will be creating a stronger demand for skilled workers to install living shorelines and do work to restore tidal markes. The skills for such green jobs combine construction and indicaciping skills along with a sufficient knowledge of tidal ecology to be able to understand the end goals of a restoration project. The outdoor work environment is demanding and	Hancock, Harrison Yes	Yes	Yes	Yes	Yes	No	No N	io	\$ 90,000.0	0 \$	- Curri
Workforce Development	3237	11/17/2014		A benefit of the RSTORE funds will be creating a stronger demand for skilled workers to install living shorelines and do work to restore tidal markes. The skills for such green jobs combine construction and landscaping skills along with a sufficient knowledge of tidal excluys to be able to understand the end goals of a restoration project. The outdoor work environment is demanding and requires goad work habits to be air and productive. What is more, such projects are interesting to the general public and have the potential to encourage people to take better care of the environment. Therefore, the project installer of enhance spontant to engage with people on al to explain the project. There is governing theree with private project rowners to pagity better and the spontant of the project installer of enhance spontant to engage with people on al to explain the project. There is governing therees with private project rowners to pagity better and the spontant of the project installer of enhance spontant benefits or page with people on al to explain the project. There is governing there with private project rowners to pagity better and there is a project provide to the spontant people of the page with people on all to explain the project. There is governing there with private project rowners to pagity better and the project people on the people to take people to people on the pople to take people to people on the people the people of the people to take people to people on the people to people of the people to take people on the people to people on the people on the people on the people to people on the people on	Hancock, Harrison Yes	Yes	Yes	Yes	Yes	No	No N	io	\$ 90,000.0	0 \$	- Curri
Workforce Development	3237	11/17/2014		A benefit of the RESTORE finds will be creating a stronger demand for skilled workers to install living shorelines and do work to restore tidal marbles. The skills for such green jobs combine construction and indicating skills along with a sufficient insolvedged at tidal exclusp to be alive to anderstand the end goals of a restoration project. The oxidoor work environment is demanding and environment. Therefore, the origined installer and the support of to be alive to an extension project. The to great provide the provide protect market and the end goals of a restoration project. The oxidoor work environment is demanding and environment. Therefore, the origined installer and the base opportunity to engage with project on site to esplain the pupier. There is growing interest with private protect or available to an extension and endogoal beneficial borneline improvements. So the workers on site based understand the project and the original strategies and the strategies are strategies and the strategies are strategies and the strategies and the strategies are strategies and the strategies are strategies and the strategies and the strategies are strategies and the strategies are strategi	Hancock, Harrison Yes	Yes	Yes	Yes	Yes	No	No N	ia	\$ 90,000.0	0 S	- Curri
Workforce Development	3237	11/17/2014		A benefit of the RESTORE funds will be creating a stronger demand for skilled workers to install living shorelines and do work to restore tidal marshes. The skills for such green jobs combine construction and landscaping skills along with a sufficient toookedge of tidal ecology to be able to understand the end goals of a restoration project. The outdoor work environment is demanding and require goad work habits to be aid and productine. What is more, such projects are interesting to the goarder plank, and have the potential to engage skills along use to a restore togal potential be encourage people to take better care of the environment. Therefore, the project indication that have opportunity to engage with pools to a site to explain hepotential to encourage people to take better care of the environment. Therefore, the project indication that have opportunity to en one resident and scolegolarly beneficial shortine improvements. So the workers on site hold understand the project and be able to explain the benefits of the project to cursos site visions.	Hancock, Harrison Yes	Yes	Yes	Yes	Yes	No	No N	ŝo	\$ 90,000.0	0 S	- Curri
Workforce Development	3237	11/17/2014		A bondbird for the ESTORE foods will be crucing a damger domain for abilited workers to includ large domains and do work to restore taid members. The shift for such green jobs combine commonthem and intracruing shift along with a sufficient transveriage of taid another to includ large domains and and the transvertation pages. The notification of the members are also as a supervise point with the bits of the another to include the members are also as a supervise page with the bits of the another to include the include the members are also as a supervise page. The notification of the property of the safe of housing building to engage with people on ate to explain the policy. There is powing internet with property on the safe of housing building and the safe of the policy. There is a power is there are in the environment to domain the property of the safe of housing building and the housing the housing building and the safe of housing building and the safe of housing building and the housing thousing the housing the housin	Hancock, Harrison Yes	Yes	Yes	Yes	Yes	No	No N	éo	\$ 90,000.0	0 S	- Curri
Workforce Development	3237	11/17/2014		A benefit of the RESTORE funds will be creating a stronger demand for skilled workers to install living shorelines and do work to restore tidal marshes. The skills for such green jobs combine construction and landscaping skills along with a sufficient toookedge of tidal ecology to be able to understand the end goals of a restoration project. The outdoor work environment is demanding and require goad work habits to be aid and productine. What is more, such projects are interesting to the goarder plank, and have the potential to engage skills along use to a restore togal potential be encourage people to take better care of the environment. Therefore, the project indication that have opportunity to engage with pools to a site to explain hepotential to encourage people to take better care of the environment. Therefore, the project indication that have opportunity to en one resident and scolegolarly beneficial shortine improvements. So the workers on site hold understand the project and be able to explain the benefits of the project to cursos site visions.	Hancock, Harrison Yes	Yes	Yes	Yes	Yes	No	No N	ta	\$ 90,000.0	0 S	- Curri
Workforce Development	3237	11/17/2014		A benefit of the RESTORE funds will be creating a stronger demand for skilled workers to install living shorelines and do work to restore tidal marches. The skills for such green jobs combine construction and landscaping skills along with a sufficient knowledge of tidal ecology to be able to understand the end goals of a restoration project. The outdoor work environment in demanding and requires goad work habits to be site and productive. What is more, such projects are interesting to the general guide, and have the potential to encourage people to take better care of the environment. Therefore, the project matches of the have opportunity to reggive this policy on a lot to capital the policy. There is growing interest with private project varies to gain be the policy of a babit to be such to be should understand the project and a bab to be policy in policy. There is growing interest with private project varies to gain the project and a bab to be policy of the beneficial to project varies of the babit of the uniting to compare should be use more realisert and ecologically beneficial shorthine project. There is growing interest with private project varies to a should understand the project and be as test or topic to como site varies that policy topic topic topic topics can be leveraged to gay for such job training as a way to build capacity for further restoration policy. Many of the porter should protocomole the building constructions policy. Statis that are best gained by hands on learning. The RESTORE funds will have a long-term impact on such energing green jobs of training programs are part of the community benefits.	Hancock, Harrison Yes	Yes	Yes	Yes	Yes	No	NO N	60	\$ 90,000.0	0 \$	- Curri
Workforce Development	3237	11/17/2014		Abordelia of the ESTORE functs will be creating a stronger domain (or abilited workers to includ living domains and do work to restore takel membras. The shifts for such green joks combine memory tensor and inducating shift and green is another taken include the structure of the combined of the transmitter of the structure of the combined of the memory based work has to be and an of provides. While include, how provides in the transmitter of the structure of the comovage properties to be been and provides of the been and the transmitter of the comovage properties to be been and provides to an entry of the structure of the comovage properties to be been and provides to an entry of the structure of the comovage properties to be been and provides to an entry of the structure of the comparison of the structure of the comparison of the structure of the structure of the comparison of the structure of structure of the structure of the structure of structure of structure of structure of the structure of structure of the structure of the structure of structure of the structure of structure of the structure of structure of structure of the structure of struct	Hancock, Harrison Ites	Yes	Yes	Yes	Yes	No	No B	io	5 90,000.0	0 \$	- Curri
Workforce Development	3237	11/17/2014		A benefit of the RESTORE funds will be creating a stronger demand for skilled workers to install living shorelines and do work to restore tidal marches. The skills for such green jobs combine construction and landscaping skills along with a sufficient knowledge of tidal ecology to be able to understand the end goals of a restoration project. The outdoor work environment in demanding and requires goad work habits to be site and productive. What is more, such projects are interesting to the general guide, and have the potential to encourage people to take better care of the environment. Therefore, the project matches of the have opportunity to reggive this policy on a lot to capital the policy. There is growing interest with private project varies to gain be the policy of a babit to be such to be should understand the project and a bab to be policy in policy. There is growing interest with private project varies to gain the project and a bab to be policy of the beneficial to project varies of the babit of the uniting to compare should be use more realisert and ecologically beneficial shorthine project. There is growing interest with private project varies to a should understand the project and be as test or topic to como site varies that policy topic topic topic topics can be leveraged to gay for such job training as a way to build capacity for further restoration policy. Many of the porter should protocomole the building constructions policy. Statis that are best gained by hands on learning. The RESTORE funds will have a long-term impact on such energing green jobs of training programs are part of the community benefits.	Hancock, Harrison Hes	Yes	Yes	Yes	Yes	No	No F	io	\$ 90,000 <i>t</i>	0 S	- Curri
Warkforce Development	3237	11/17/2014		A bundle of the KST00E foods will be creating a storage domain for allited workers to includ large domains and ab work to restorate to increase the increase the increase of t	Hancock, Harrison Ins	Yes	Yes	Ves	Yes	No	No F	NO .	\$ 90,000.0	0 \$	- Curri
Workforce Development	3237	11/17/2014		A benefit of the STORE funds will be creating a stronger demand for skilled workers to install living shorelines and do work to restore tidal marches. The skills for such green jobs combine combuction and landscaping skills, slong with a sufficient knowledge of tidal enology to be able to understand the end goals of a restoration project. The outdoor work environment is demanding and environment. Therefore, the origine installer of hubble public to use more realised on sate to explain the public. There is graving internet with privale property compared to the induced public of the original of the balance of the public of the project. There is public the there is the hubble property of the states of the original of the public of the project is a restore to any public to encode any the project on a site to explain the public. There is graving internet with privale property compared to a restore to any public of the project is a created or share the balance of the public of the project on a site to a state to a state to explain the public of the project on a site to a state to explain the public of the project on creates are varied to any of the public restored by and provide property and the state of the project on state to a state to a state of the any public or activity to any provide provide provide provide to any for state by share a long to any of the public restoration or public to a state to a state to a state to any of the public restoration or public of the any of the public restoration or substate to public or activity to any of the public restoration or substate to a such energing green piblic of training programs are part of the community benefits. Retrenchip The proposal is substitted by the Guid Coast Community Design Studio in partnership with Moore Community Housel ⁶ ¹⁶ Women in Construction Program. The Guid Coast Community Design Studio (SCCD) was established on the Ministoge of an instructore, and exacted by professional has evolved from distater recovery work to a deresting benefits was	Hancock, Harrison Hes	Yes	Yes	Yes	Yes	No	No F	NO	\$ 90,000.0	0 \$	- Curri
Workforce Development	3237	11/17/2014		A benefit of the RSTORE funds will be creating a stronger demand for skilled workers to install living shorelines and do work to restore tidal marshes. The skills for such green jobs combine require good work halfs to be set and production. What is more, such projects are interesting to the general public and have the potential to encourage project. The outdoor work environment is demanding and require good work halfs to be set and production. What is more, such projects are interesting to the general public and have the potential to encourage project to take better care of the and provide the potential of the project to critical to use more reliable and ecologically beneficial dhoreline improvements. So the workers on the should understand the project and be able to explain the benefits of the project to critical set withors. There will be a need for job training for living shorelines and taking metabolic and have the project can be been explained to be project to a total better to any of the infure erectional construction. The RSTORE funds or restriction projects can be leveraged to pay for such job training as a way to build capacity in future restrations project. Many of the project restration and restrational project and building constructions, and job skills that are best gained by hands an learning. The RSTORE funds will have a long team impact on such emerging green jobs of training programs are part of the community benefits. Partnership: The groupoil assumited by the Guil Coast Community Design Studio in partnership with Moore Community House\strating in funds in an evolved from disaster recovery work is addrining large term may at administration projection. The GUICS is a search and projection and have being defined provides: unconstruction of administration housing, healthy communities and reliance and infrastructure. The GUICS is a search and production arises program of Minkaugua work is addrining large term muone af administry healthy communities and reliance and infrastructure. The	Hancock, Harrison He	Yes	Yes	Yes	Yes	No	No h	KO	\$ 90,000.0	0 \$	- Curri
Workforce Development	3237	11/17/2014		A benefit of the RSTORE funds will be creating a stronger demand for abled workers to install living shorelines and do work to restore total marches. The shifts for such green jobs combine strongers group and that the staff of the staff of the strongers in the projectory to be able part to be part of the staff of the st	Hancock, Harrison Wi	Yes	Yes	Yes	Yes	No	NO N	KO	5 90,000.1	0 \$	- Curri
Workforce Development	3237	11/17/2014		A benefit of the STORE funds will be creating a stronger demand for skilled workers to install living shorelines and do work to restore total marches. The skills for such green jobs combine combuction and indicating alls, doing with a sufficient involvabing of total records to be able to understand the end gals of a restoration project. The outdoor work environment is demanding and environment. Therefore, the origine installer of hubble public burges with project on site to explain the puplie. There is graving internet with privale property compared to the indicating and environment. Therefore, the origine installer of the project occurs is evision. The staller of the puplies to the more real installer and explain the puplies. There is graving internet with privale property compared to the project of the project occurs is evision. There will be a new (b) public of the project occurs is evision. There will be a new (b) public of the project occurs is evision. The four entropy to the integer for high project occurs is evision. The four entropy to the integer for high project occurs is evision. The four entropy to the integer for high project on such as explored the table to the project on the benerged to prove the photode is hearing. The tSISDRE funds will have a long term impact to such energing green pilos it training programs are part of the community benefits. Partnership The proposed is submitted by the Guid Coast Community Design Studio in partnership with Moore Community Houseld ⁶ s Women in Construction Program. The Guid Coast Community Design Studio Incoast the hous from the main compute the such is communities and major entropy the related by partners and have evidend from distater recovery work is not socialized to with hubble mode house house for the main compute the CCCS sportate with a sub-fouring communities and planters and have work in door collidership with house and brave house for monetance and SSSQ and and any and contract is come with and planters and alway social in door collidership with h	Hancock, Harrison Ive	Yes	Yes	Ves	Yes	No	NO N	ŝo	5 90,000	0 5	- Curri
Workforce Development	3237	11/17/2014		Another of the IKSYOM foods will be creating a stronger domain for allide workers to includ living domains and do work to restantian project. The stalls for such green jobs combine networks and including and many strengths in a different insurvice of total restances to the strength of a provide to restance of a strength of the stren	Hancock, Harrison Ve	Yes	Yes	Ves .	Yes	No	No h	SO CONTRACTOR OF CONTRACTOR OFONTO OF	5 90,000 ž	0 5	- Curri
Workforce	3237		Marsh Restoration.	A benefit of the STORE funds will be creating a stronger demand for skilled workers to install living shorelines and do work to restore total marches. The skills for such green jobs combine combuction and indicating alls, doing with a sufficient involvabing of total records to be able to understand the end gals of a restoration project. The outdoor work environment is demanding and environment. Therefore, the origine installer of hubble public burges with project on site to explain the puplie. There is graving internet with privale property compared to the indicating and environment. Therefore, the origine installer of the project occurs is evision. The staller of the puplies to the more real installer and explain the puplies. There is graving internet with privale property compared to the project of the project occurs is evision. There will be a new (b) public of the project occurs is evision. There will be a new (b) public of the project occurs is evision. The four entropy to the integer for high project occurs is evision. The four entropy to the integer for high project occurs is evision. The four entropy to the integer for high project on such as explored the table to the project on the benerged to prove the photode is hearing. The tSISDRE funds will have a long term impact to such energing green pilos it training programs are part of the community benefits. Partnership The proposed is submitted by the Guid Coast Community Design Studio in partnership with Moore Community Houseld ⁶ s Women in Construction Program. The Guid Coast Community Design Studio Incoast the hous from the main compute the such is communities and major entropy the related by partners and have evidend from distater recovery work is not socialized to with hubble mode house house for the main compute the CCCS sportate with a sub-fouring communities and planters and have work in door collidership with house and brave house for monetance and SSSQ and and any and contract is come with and planters and alway social in door collidership with h	Hancock, Harrison He Hancock	Yes	Yes	Ves Ves	Yes	No	No N	60 60	5 90,000.0		- Curri
Development				A benefit of the RSTORE funds will be creating a stronger demand for skilled workers to install living shorelines and do work to restore total marshes. The skills for such green jobs combine combination and indicating alls, along with a sufficient insolvadeged total encloses to be allot to understand the end goals of a restoration project. The outdoor work environment is demanding and environment. Therefore, the origination is a unificant insolvadeged total encloses to be allot to understand the end goals of a restoration project. The outdoor work environment is demanding and environment. Therefore, the origination then have apportunity to engage with propice on site to explain the pupicit. There is growing interest with privale property constructs on the should order to the project and be able to explain the benefit of the project to curious site visitors. There will be a new for braining for hing shoreling and did numb relatations. The ISSTORE funds for instances to use prove realises to the install being construction pairs with its hard and the project and be able to explain the benefit of the project to curious site visitors. The future enterstance for probability for hings below instances on such emerging green jobs. If training programs are part of the community benefits. The Issue enterstance in the set of the origin of the project on the benefits of the benefits of the project on such as the test grant by hands or learning. The ISSTORE funds will have a long-term impact on such emerging green jobs of training programs are part of the community benefits. Restronching The proposal is subhilised by the Guid Coast Community Design Studio in partnership with Moore Community House?"s Women in Construction Program. The Guid Coast Community Design Studio in partnership with Moore Community House?"s Women in Construction Program. The Guid Coast Community Design Studio in partnership with Moore Community House?"s Women in Construction Program. The Guid Coast Community Design Provide program affects on the main ca	Hancock, Harrison He Hancock Harrison He Hancock Hs	Yes	Yes	Ves Ves	Yes	No	No 6	60 60			- Curri
Development			Marsh Restoration.	A shorted of the ESTORE foods will be opting a stronger densed for allied workers to includ living densities and do work to restanting project. The stability of such green lipids combine ensembles and a stronger lipid lip	Hancock, Harrison He Hancock Harrison He	Yes	Yes	Ves Ves	Ves Ves	No	NO F	60 60			- Curri

Workforce Development	3240	11/14/2014 Women in Construction Program	Organizational Overview: Moor Community House (MOI) was founded in 1324 to save the children of imgate workers in the associated fishing industry. Today MOI responds to the needs of low- income women and young children in estal that brought how organizes that interact-hows much which how the next strategies and a possible industry. Today MOI responds to the needs of low- income women and young children in estal that brought how organizes that research hows much here most attracting downs with the research hows much here most attracting downs much a possible industry. Today for the research women to higher paying gibs in the construction industry.	Mobile,Jackson,G	r Yes	Yes No		Yes	Yes	No	No No	\$ 1,500,000.00	\$ 250,000.00
			Women make up nearly half of the workforce in Massissippi (MS) but women earn less than men at every income and education level, and in every profession. Women are clustered in low paying jobs, making up 00% of intrimum wage workers. NS has the highest rate of angle mother handed familie, mothers a hot bet francair rupponsibility for obliters. Mutuum wage teams if and it of pro- Media control and angle and angle and angle mother that angle mother that and angle and angle and angle angle and angle angle angle and angle angle and angle angle and angle angle and angle angle angle and angle angle angle and angle angle angle and angle										
			The mission of WinC is to create a climate across the Gulf Coast enabling women to pursue careers which will allow them to earn wages to promote self sufficiency within the construction field. Bradies heighing anoulde well purplication that region to be income a some, it helps meet industry demands for a standed workform. While the construction define care that provide will any advantage and the standard standar										
			Since inception of the program, WinC has graduated 22 classes totaling 220 plus women in the fields of general construction, welding, green job training, and disaster relief and recovery. Of the 220 plus women who have graduated the program, 75% of these individuals have gained employment. Graduates have gained living wage job is apprenticable and nontraditional occupations in trades such as, welding, shipfitting, habitate testoration, and construction management, ensing from 514 to 528 mhour. WinC is femning the face of construction on the Guil Coast one well-trained woman at a time. Guildate's data is used as such gainst approximation from the source of construction one, led as used to the source of the source of the source of the Guil Coast one well-trained woman at a time. Guildate's data is used as such gainst approxes occiscoroins: welling: Participants have made cross class labore, led abure relationships, particle GDB, housing, and gainst and the source of the source of the source of the program. Guildate the source of the Guil Coast one well-trained woman at a time. Guildate's data is used as input at the program of the source of the source of the source of GDB. housing, and the source of										
			mproved upon health/wellness, and made huge strides that improve their wellbeing and quality of life. Aroposed action: Moore Communy House seek RSTORE (mode 45.50000 for Women in Construction Program to recruit, train, and place women into jobs created by RSTORE projects; and to amprove the outcost, training, employment, and retention of women in nontraditional accountions; as well as train low-income women in construction trades and in skill required by current and amprove the outcost.										
			upcoming industries. By using innovative techniques, this program will expose women to nontraditional career pathways that meets the demands of future ecosystem restoration projects along the Gulf Coast through upcoming RESTORE opportunities.										
Workforce Development	3241	11/17/2014 College of Business building, USM Gulf Park and the Center for Coastal Analytics (CCA)	The goal of the proposed program is to place women into employment focusing on Alls such as living shorelines, mark creation and environmental recreation and environmental recreation and the increasing capacity beer Trite: College a Summers building USM (all PM and the Central Couldred) (CA) Paint of Contact, email and Phone B: D: Eltabeth Lifewr, Beth.Lifewr@sum.eds, 228.214.348; Dr. Gregory Bradley, Gregory, Bradley,@sum.eds, 228.214.540; Dr. Faye Gibert, Fayer, Gibert@sum.eds, 02.216.5544	Harrison	Yes	No Yes	86	Yes	Yes	Yes	Yes Ye	\$ 35,000,000.00	\$ -
			l ppe of project: 										
			In of designition of activities: The proposed building will have the Colleg of Building states on the USK Gulf May designed and the Colleg of Building States and May (Building States) and May (Buildin	F									
			Castal ionism ectors ungue to the Moixingip Gell Castal (gaming, horth and loging, entaurents, yorth tourism, extonturism, creative eccomy hourism, and pruturism, firstloak and events unique to the area such as charalset ⁴⁴ . The Cast all provide businespin available and artianing to support the development of how unique graduate certificate programs in the country: marine economics and castal fourism. These programs will train graduate students from the marine sciences and fisherings in the business analysis and strategies accounted with Castal marine activities; the certificate in coastal lourism will train graduate students from the marine sciences and fisherings valuations of tourism sectors and new ventures.										
			Lacation (FLG, County): Long Reach, Narrinon County Infrastructure cost (R) errars (15:3000,000) (var) Annual Opention & Maintenance Cost (# years): 5500,000/year for 10 years										
Workforce	3243	11/18/2014 Port Bienville Industrial Park Trans-Loading	How will his kewage with other HESTORE priority areas on on RESTORE funds? Exabilationet of the Calification and Calification	Hancock	Yes	No. Ves	100	Yes	No	No	No. No.	\$ 12.000.000.00	s .
Development		Terminal Completion	Phase 1 and 2 of this project have been implemented and the area is now used for trans-loading material to/from rail and/or truck. This project will implement Phase 3 by developing the water front									•,,	
			buildead and encoding oil to the water. This project will improve the terminal for orus in trans-loading of gain, pelletic, curde oil, coal, steel, buill legal or other materials and will become functional for container on bary portations. The terminal will also be used to project supply varies in the off-four industry. I of the referenced industries have considered locating at Port Bienville in the part 12 months; completion of this project will substantially increase the port& ⁴ 's ability to secure investment from such companies.										
Workforce Development	3244	11/18/2014 Stennis International Airport AeroTech Site Development	NEPHE proposes to completely develop an unimproved parel owned by HEPHE into an 1.100 zorx certified maga-pate for use as a averagace and technology industrial park. The Go Coast 2020 Report specifically losts this project as a priority for long-term coastal growth and recovery (Section 3. Economic Development, p. 14, "Priorities: Asset Development and Capacity").	Hancock	Yes	No Yes	100	Yes	No	No	No No	\$ 25,000,000.00	s -
			HCHC purchased an 1.100 are set adjacent to Stemin International Airport for development into an anorpopace technology park. Such a facility is paramount to the continued growth of the both C. Stemin Space Center, Stemin International Airport and the Musiosogia Clin Caust. Statued approximately 2.5 an left into the microtative 1.3 pecter new Worksham and Guilforg/Rick, this mega pairs a adjacent to the Stemin International Airport namey and, with the addition of Right building complexes, aircraft hangus and manufacturing facilities, promote support jobs from Mobile, AL to Baton Rouge, LL. Utilities are in near proximity to the site, however, wellands mitigation, site clearing and randway and utility extensions are needed to achieve site ready status. Funds awarded through the project will be complete all cultural/invironmental assessment, wetlands mitigations, the clearing utility extensions/infocations, and any other functional and any status and any status and any status and any status and status.										
			achieve site ready status.										
Workforce Development	3245	11/18/2014 Stennis International Airport Terminal Hangar Complex - Phase II	HCPK proposes to complete Phase III of the Terminal Hanger Complex at Stemin international Arport SIA). Construction of Phase II of the Terminal Hanger Complex will promote continued growth of nerrly all aeronautical activities on the airport. Additional maintenance, line service, administrative, magament and advise personed will be hord with the explance.	Hancock	Yes	No Yes	100	Yes	No	No	No No	\$ 3,500,000.00	\$ -
Workforce Development	3246	11/18/2014 Stennis International Airport Hangar Construction	HCPHC proposes to construct an additional two-bay, narrow-body hanger at Stemis International Airport (SIA). SIA continually receives requests for aircraft hangers. The airport has been forced to compete with military hava closures, which have made facilities available at below marker rates and values. In arder for remain comparishite, SIA requires an additional two-big, march additional combination that such a hanger can produce as many as SIA every bia at the facility.	Hancock	Yes	No Yes	100	Yes	No	No	No No	\$ 6,000,000.00	s -
Workforce Development	3247	11/18/2014 Stennis International Airport Hangar Purchase	HCPHC proposes to purchase two [2] private hangers at Stennis International Airport [3IA]. The Federal Auditon Administration (FAA) restricts activities that can occur from a private hanger at a federally funded airport. By purchasing two [2] existing hangers that are privately owned, HCPHC	Hancock	Yes	No Yes	100	Yes	No	No	No No	\$ 1,650,000.00	ŝ -
Workforce	3248	11/18/2014 Port Bienville Industrial Park Webre Road	will remove all restrictions on economic development activities at those sites. This will quickly expand the infrastructure available at SIA and simultaneously allow HCPHC to use previously-restricted sites ta attract memory advants to the facility. HCPHC proposes to construct two new avanhouses along Webre Road in Port Bienville Industrial Park (PBIP).	Hancock	Yes	No Yes	100	Yes	No	No	No No	\$ 4,500,000.00	ŝ -
			The project would coasts of constructing two new workhouses along Webler Road # PBIP. The Port has two existing warehouses which are presently rented least to capacity and new and existing advancess continue no make requests at continues to reactive requesting for additional subactive space. Construction of two (2) preventioness (paperimetry 50,000 1.1. cash) would create additional space at the Port for existing tenants and would present prospective tenants with warehousing options not currently available because of limited existing capacity.										
Workforce Development	3249	11/18/2014 Stennis International Airport Apron Expansions	NEPHS proposes to expand three existing apromy (North, South, and Main Aprom) and construct an additional aprom (Next Aprom) as follows, generally improving airport infrastructure for current teranats and contributing to the modetability of vacant stee: - Construct West Aprox (52,200,000)	Hancock	Yes	No Yes	100	Yes	No	No	No No	\$ 7,100,000.00	ŝ -
			Construction of an agron on the weak side of the existing roumany will allow for an immediate increase in hazardous aircrift operations. This isolation pad will allow military training and baardous air argo handling autonomously from civilian aircraft operations. This construction will have regional economic development implications as an isolated facility like this does not exist in the region. - bapend Aircraft Agron North (51,400,00)										
			The separation of the north span would provide the property such of Teass Flat Road accessibility to the nurway for development. As hangers are constructed for tenants, the expansion of this apron would offer staging and parking of alrcraft working in this area.										
			* support in the interview and the standard standard Standard standard s										
			I Equited Accord Agence Mater (12.400,000) for havey lead cargo operation at Steinis International Aiport. This increase apron would allow for cargo operation and would not disrupt the operations of cargorize and military across operating and training at the airport.										
Workforce Development	3250	11/18/2014 Stennis International Airport Road Extension	HCPHC proposes to extend Fred and AI Key Road at Stennis International Airport (SIA). Fred and AI Key Road is the frontage road for SIA. Extension of this road will allow SIA to develop a 20 acre site for industrial, aerospace, or technological development. (The site is not currently accessible by road.) Improvement of this infrastructure will also open access to many acress of private property for	Hancock	Yes	No Yes	100	Yes	No	No	No No	\$ 2,400,000.00	\$ ·
Severopment			tor industrial, serospace, or technological development. (The site is not currently accessible by road.) improvement of this intrastructure will also open access to many acres or private property for similar investment and development.	I									

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Workforce Development Workforce Development	3251	11/18/2014	Stennis International Airport Tailway Expansions Pert Biewrille Industrial Park Ste Development	HCPKC proposes to extend existing taiways and construct additional taiways as follows, generally improving airport infrastructure for current tenants and contributing to the marketability of vacant direct: Existencion of Taiways (Charling Vanuel Vall allow the first phase of development onto the adjuent 11.00 exerts validate to develop an exerptoxe technology park. - Construction of a parallel taiway as an Assault Landing Strip (ALS) (52.600.000) Construction of a parallel taiway as an Assault Landing Strip (ALS) (52.600.000) Construction of a parallel taiway as an Assault Landing Strip (ALS) (52.600.000) Construction of a parallel taiway as an Assault Landing Strip (ALS) (52.600.000) Construction of a parallel taiway as an Assault Landing Strip (ALS) (52.600.000) Construction of a parallel taiway as an Assault Landing Strip (ALS) (52.600.000) Construction of a parallel taiway as an Assault Landing Strip (ALS) (52.600.000) Construction of a parallel taiway as an Assault Landing Strip (ALS) (52.600.000) Construction of a parallel taiway as an Assault Landing Strip (ALS) (52.600.000) Construction of a parallel taiway as an Assault Landing Strip (ALS) (52.600.000) Construction of a parallel taiway as an Assault Landing Strip (ALS) (52.600.000) Construction of a parallel taiway as an Assault Landing Strip (ALS) (52.600.000) The poper vacant and taiways (51.500.000) The poper vacant and taiways (51.500.000) The poper vacant and taiways as cost for havay and construct at daign avaiting matterine and reastar. ACSK proposes to ado connect the north an ania aiport apron areas. The poper vacant and taiway areas cost for havay and construct stript avaiting matterine and reastar. The poper valid construct cultural assessments, environmental assessments, and avaitands deinestons for many sites within PBP. This project will also migrate levelified weats, fuerbox manging tais immediataly avaitable to development.	Hancock Hancock	Yes	No	Yes	100 Y	es I	No	No	No No	No	\$ 4,900,000.00 9,000,000.00	\$	
				Increasing the availability of shovel-ready sites in PBIP will enhance the Port's ability to compete for industrial investment and development.													
 Workforce	3267	11/18/2014	Gulf Observing Aerial Program (GOAP)		Hancock	Yes	No	Yes	Y	es l	No	No	No	No	\$ 400,000.00	s	-
Development			Feasibility Study	HCPK proposes a study to determine the feability of the Gulf Observing Aeral Program (GOAP). Because of the importance of the Gulf of Mexico to vital interests such as seafedo, commerce, energy and recreation, it is imperative that we closely monitor this body of water and coastline for any signs of environment inters. Our highlet awareness that of Interesting and a gulf are the enter Gulf, instead of just one spot, should warrant the implementation of a Gulf water monitoring system (GOAP) that can be be a cohered by the utilization of a robust and diverse fleet of Lunnanned aircaft with remote sensing and monitoring equipment. Stemis International Aiport with its supposited corder to the Gulf, can be the save of operations for a combination of fleed wing, rotary wing, and lighter than-ai airchips. This program would create approximately 300 jobs on the Mississippi Gulf Coast.	t _y												
Workforce Development	3271	11/18/2014	Stennis International Airport International Flight School	HCPAC proposes to construct an international flight training facility at Stemis International Airport (SIA). International student flight training demand continues to Increase, as flight training in foreign counties becomes more cost prohibitive. A training facility at SA for international students will allow for increased aircraft students at the Apport carter well light intrustructions, and will brief the Missisgip Calif Cast a previously untapped influx of foreign monies.	Hancock	Yes	No	Yes	100 Y	es I	No	No	No	No	\$ 650,000.00	\$	
Workforce Development	4244	11/18/2014	National Center for Strategic Planning and Unnergency Response	National on service detections are gard of this backbody. Substance an existence demonstration on the Machagery and Courts behaviour statement and one of the set appropriate operation of the set appropriate operations. The set appropriate operation of the set appropriate operation of the set appropriate operation of the set appropriate operations. The set appropriate operation of the set appropriate operation of the set appropriate operations of the set appropriate operations. The set appropriate operation of the set appropriate operations operations of the set appropriate operations oper	Harrison, Jackso	n, Yes	No	Yes	75 Y	es 1	res	No	No	No	\$ 20,000,000.00	\$	
Workforce Development	4245	11/18/2014	Mississippi Gulf Coast Affordable Air Service	With agringtion recert consolitations in the alies industry, the competition for air service is becoming to research again markets with multi-targer populations and agringtion transverse. The agrine is a comparing for service and the service of the agring set and the service and the service of the agring at a smaller like the Ministep for Canet. J 12 S JA months were applied on the service of the service of the service of the agring at a smaller like the Ministep for agrin market with the service of the	Harrison t	Yes	No	No	۲	es I	No	No	No	Yes	\$ 2,500,000.00		
Workforce Development	4257	12/8/2014	Habitat Mapping the Waters of Mississipal Sound	Benthic Mapping of the MS Sourci: This projects progress to expendentiation impact the Musicipity Sourd using Multitionen Each Sourceters (MMES) apprentiate with Althouses Each Development (ALE) projects and the Musicipity Sourd using Multitionen Each Development (MMES) apprentiate with Althouses Each Development (ALE) projects and the Musicipity Sourd Levelopment (MMES) apprentiate (MMES)	Hancock,St Tam	m Yes	Yes	Yes	10 ¥	1	ís -	Yes	No	Ϋ́ε	\$ 4.515,000.00	\$	

Workforce 42 Development	4258	12/10/2014 Remediation of Ol Spills and Gas Reference by Biochar Activated at Low Temperatures	IBeroakron Biochar has emped as a promising surbent for recovering or containment of marine crude oil splits (Playven and Pignatella, 2011). Biochars are porous, and has a buik density lower than that of Biochar has emped as a promising surbent for recovering or containment of marine crude oil splits (Playven and Pignatella, 2011). Biochars are porous, and has a buik density lower than that of seawate re sub biochar particles for to assure the Biochar process with Nedopablobic Internal surfaces that are writted much faster by capanic compounds rather than water (Gray et al., 2014). This difference as particularly incidence on Solution particles for a subscription of the subscription of biochar particles for a subscription of the subscription of biochar particles for a subscription of the subscription of the subscription of the subscription of the rene durate, and the emergies of biochar particle for any particles and the subscription of the subscriptio		res Yes	No		Yes Yes	Yes	No	Yes	\$ 300,000.00 \$	- de	velage product and create industry in MS
			such of absorption concept is lakely to be highly competitive to the current remediation methods. His proposed Nork The proposed work will include the following tasks. Tall groups will produce blochars from typical readily available biomasses in the Galf States including rice husk, rice straw, switch grass, and hardwood under different conditions in our Combustion Lab. Zalf groups will activate and characterize the bothars by using our novel activation and analysical methods,											
Development	4261	13/15/2014 Convention Center Complex	JEE V eligibility of the second se	Harrison	res No	Yes	100	Yes No	No	No	Ves	5 5.000,000.00 S		
Workforce 41 Development	4263		The Workforce Garban recommends developing a two-year marketing campaign focused on pornoing workforce development and training in the three coastal contrists of Hancock, Farnino and Jakoon, The marketing campaign will be jougned to the effort to develop and sustain a bigly possibility workforce development and a support the partnership efforts with the local chood idirtics and bigh school. Ministry of the structure of the stru		res No	No		Yes Yes	No	Yes	Yes	\$ 2,000,000.00 \$	-	
Workforce 41 Development	4264		The programmers avoid data sequences the built along U.3. Highway 900 in different. Ministegio en a total of approximativy 21 area of 14md conventioning with endowed built built would be the value of the built of the value of	Harrison	ies No	Yes		Yes Yes	No	No	Yes	\$ 120,000,000.00 \$ 14,	000,000.00	
Workforce 42 Development	4266	12/19/2014 Tourist Carridor and Gateway Beautification - Pedestrian Areas	A none strature separance, taund frendy subit amenities and coordinating tourist information signage is needed in order to maximize the effectiveness of programs and marketing that generates that our definition. According to a recent visitor perception rady, the beauty of the area is an attribute that drive visitor strature. This research also shows that one of the reasons cells for not visiting the Mis Gui Coast is ack of a variety of things to do. With over 600 visitor amenites, attractions and activities available, it is done that use need to improve our communications of donation differences is uncomparing the strature of the strature set and the perception of fails means that for not visiting the Mis Gui Coast is ack of a variety of things to do. With over 600 visitor amenites, attractions and activities available, it is done that use need to improve our communications. Constraints and the strature strature is a strature to a strature that and invaluable word of much advective source lingsd. A recent take to be write the visitor space that and invaluable word of much advecting for our destination, spacedal in this work to their market, however there is very listle directional signage on the major bey may appealing to visitors. Biomproving the visitor experisons will generate return withs and invaluable word of much advecting for our destination, spacedal in this age of coald media based advected. Tharmon advancet Coastry atmained that 2000 of their visitors pass through one or all of our destination, spacedal in this age of coald media based based advected. Tharmon advancet Coastry atmained to account and transform on the devised on division glass of coald media based based based and through the or given and through the organication and the space of the strature out of much advected. Tharmon advancet coards based have fully developed plans with stores that incredite this year including wave finding givenge to coard advancet with a source esthing divectory. Suddown jub will be created to compl	Hancock, Harrison,	Yes	Yes	50	Yes No	No	No	Yes	\$ 9,600,000.00 \$		

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Workforce 4267 Development		Family Friendly Amendies	Are to biurcine fairing, the Cast offered a large variety of family activities available at all price points that have not been result. According to visite proceedings of things to do dover repart visitors. That branching the memory of family activities available at all price points that have not been result. According to visite proceedings of the price		Yes N	ia Yes	100 Yes	No	No No	Yes		\$ 7,500,000.00	
Workforce 4272 Development	12/23/2014	Stennis International Airport Aerospace Academy	HCPHC and Rear River Community College jointy proposed to establish an Aerospace Academy at Stemic International Airport. With the proliferation of arrospace development in the grater Hancok County region, Stemic International Airport is primed to serve as home for Musicopi's Aerospace Academy. The academy will run the near generation of arrospace androne in Managina and Grate at remedioaci competitive advanted for the att's average development efforts.	Hancock	Yes N	lo Yes	100 Yes	Yes	No No	No	\$ 2,000,000.00	s -	
Workforce 4275 Development 4275	12/26/2014	Nature-based Tourism Program	The main focus of this project will be to form a collaborative effort in the development of a Task Force to sustal and promote the MS Gulf Coast National Heritage Area (MSGCNHA) as a premiere detailation for Nature Based Tourism apportunities. This project will identify copportunities approved a part of the MSGCNHA Magnement Plan which has an antion to promote the understanding of detailation for Nature Based Tourism apportunities. This project will identify copportunities approved a part of the MSGCNHA Magnement Plan which has an attemeted to the subject of the MSGCNHA Magnement Plan which has an attemeted to the subject of the MSGCNHA Magnement Plan which has an attemeted and international of details and the subject of the subject of the MSGCNHA Magnement Plan which has an attemeted to the subject of the MSGCNHA Magnement Plan which has an attemeted to the subject of the MSGCNHA Magnement Plan which has an attemeted to the subject of the MSGCNHA Magnement Plan which has an attemeted to the subject of the MSGCHA Magnement Plan which has an attemeted to the subject of the MSGCHA Magnement Plan which has an attemeted to the subject of the MSGCHA Magnement Plan which has an experiment electric of the MSGCHA Magnement Plan which has an electric of the MSGCHA Magnement Plan which has an electric on the MSGCHA Magnement Plan which has an electric on the analysis of the subject detained by the subject detained which at the subject detained to the subject detained by the subject detained by the subject detained to the subject detained by the su	Hancock,Jackson	Yes Y	es No	Yes	No	No No	Yes	\$ 6,000,000.00	\$ 1,000,000.00	
			One of the namy density is the Makaloppi Gall Cand offers in the large amount of indeveloped area which it is which is walkable for recention purpose. The Task Force will identify buintenan table will dense relations and into its respective dense intervent and the experimence range from observed finding trips in the MS Sund; cance trip on the analk ¹⁺ 's many islind extremely. The Task Force will work with local groups and businesses to explore ways to expand the walkable of nature based four. There will not with the Gall groups and businesses to explore ways to expand the walkable of nature based four theory business and the main and the main observed finding trips in the MS Sund; cance trip on the analk ¹⁺ 's many islind extremely. The Task Force will work with local groups and businesses to explore ways to expand the walkable of nature based four theory business. The Task Force will work with local groups and businesses to explore ways to expand the walkable of nature based four theory theory and the data transmitter theory and the target transmitter the target transmitter and target target transmitter and target transmitter and target transmitter and target transmitter and target target target the target transmitter and target ta										
Workforce 4276 Development	12/27/2014	Missiopi Contal Heritage Restoration, Education, & Preservation Trail	Pandagi requested to exability the Minutagio (pastal livering, Trail MCH) tables in the matrixe grading inlang castal communities from Gond By Mikeling Gaustin livering and Pandagi and Pandagi Mikeling Gausting Mikeling And Pandagi Mikeling Gausting Mikeling And Pandagi Mikeling Gausting Mikeling Mi	Hancock, Harrison,	Yes Y	es Yes	78 Yes	Yes	Yes Ye	: Yes	\$ 25,775,000.00	ş .	
Workforce 4281 Development	12/31/2014	Workforze Marketing for M&A Stennis Space Center	NAA TITNES SMCE CHITES TECHNICON CORRIDOR WORKTOKEL MARKETING The Missinghy / Louisiana Guif region has all of the economic development elements in place to build a thriving economy: infrastructure; human capital; marketable locations; and, quality of life and place. It is important new more than ever to invest in the long term sustainability of economic growth and properity of business and industry along the Guif Coast Region. Residents and businesses in Louisian and Musicippi huw straggled to evercome the effects of human capital; marketable locations; and, quality of life and place. The region is home to one of the most exciting and dynamic place-rations in the county. WAS Beenis Space Center. To expand the economic benefits to the value region from this accommic driver, there is a need real market this asst te nearbance the mage of there gion a value or any entities of the region. The second term of the second term of the second term of the second term of the economic benefits to the value region from this accommic driver, there is a new realdential homes alse and rebuild the bus population to there ever busines income, sele taxes and plate to the region. MAGS Storehic Space Center is relarky aligning of the second tenders in biotect and the region. The fore the region is a value and plate. The fore ever busines income, sele taxes and plate to the region. The Ray is a growing sector at Sternitism to acce enterprinnees and income is the region. The forest control center on the ST mile relative sector with the second term of the foreign of the proceed busines income and there and the foreign of the proceed busines income and engenees and departments and consolidating Mission. The Inter accommon term of the foreign of the proceed busines income and the second term of the more place to work. The skill set to primarily userific a detect in draving any grinting of the period mole distribution and grinting. The Sterver term of the foreign of the proceed busines is a pradia opportunity for Stervinis to arguing the		Yes N	o No	Ves	No	No No	Yes	5 1,486,000.00	\$	
Workfore 4282 Development	1/2/2015	Clauscons and dominatories for the conter for Martine Education & Research (CMEI) in Mitotrappi.	IntRODUCION The institute for Materie Namen Studies (MMA) is a non-profit SII ([1]) capitalistic disclared to marke education, construction, and research of marke manumalia and as turker is the construction of Marker Namen Studies (MMA) is a non-profit SII ([1]) capitalistic disclared to marke education, construction, and research (MMA) is a the construction of the second studies (MMA) is a non-profit SII ([1]) capitalistic disclared to marker education, and research (MMA) is a studies of the second studies (MMA) is a non-profit SII ([1]) capitalistic disclared to marker education, and research (MMA) is served as a lakino between public and phase, and MMA marker Namen MA and a sturker while providing opportunities for marker education and research (MMA) is served as a lakino between public and phase, and MMA marker Namen MA and SII ([1]) capitalistic disclared to marker public disclared to marker equality (MMA) is and the construction of the SII ([1]) capitalistic disclared to marker public manufast and the turker. MMA displayed a central rule is the response to the BP of upfil in the northern Gulf of MMX is not be capitalistic disclared to marker equation and the same filter of MMA and the same public disclared to marker equation and the same filter of MMA and the same equation on the programs and activities of MMA can be obtained from the same state turker and capitalistic from the U.S. and the capitalistic from the U.S. and the same equation on the programs and activities of MMA can be obtained from the same state turker take transmission the test of the SII ([1]) the proposed domination on the programs and activities to marker equality ([1]) the proposed dominations would allow students and researchers from the U.S. and the capital to the heart and the same state student and the same student and the same student and the same state student and the same state student and the same state student and the same student and the same state student and the same state student and the same state student and the same st		res N	ia Yes	Yes	Yes	No Ye	: Yes	s <u>s,000,000.00</u>	\$ ·	

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Workforce Development	4291	1/5/2015	Mi God Cozel Work-Ready Community Program	Isolate communities, catual prevention, conservation, spraparvaleurs, recentry and sustainability within any geographical region and geometra geo and summarized and geological conditions that the high youlfilled workfore training geographical regions and geometra geoder strained and geological conditions and the set of the strained geological conditions and the strained geological conditions and the set of the strained geological conditions and the set of the strained geological conditions and the strained geological conditions and the set of the strained geological conditions and the strained the strained geological conditions and the set of the strained geological conditions and the set of the strained geological conditions and the set of the strained geological conditions and the se	Harrison, Jackson	n, Yes	No N	3	Yes	Yes	Yes Sio Yes	No	\$	3,500,000.00 \$	- create new
				Adducting question in the second seco											
Workforce Development	4292	1/6/2015	Public/Private Training Partnership Program	bigicities 2: implementation of the Work-Redy community aregana. Activities for the implementation adjusters will include the histing of instructional adjusters of access, selections outwarked training equipment, supplies and entruitional materials, developing the instructional addiversity. Beneficiens and adjusters of applications, sectorate of program participants and institution of program instruction. Outcomes of these solvites are qualified instructions, classroom and biolexitory particulations, sectorate of program participants and institution of program instruction. Outcomes of these solvites are qualified instructions, classroom and biological program instructions. Outcomes of these solvites are qualified instructions, classroom and biological programs instructions. There is a solution of program instructions of the program instructions and provide various trained provide various and provide various repained trained provide various and provide various and provide various repained various and provide various trained provide various and provide various and provide various and provide various trained provide various and provide various trained provide various and provide various	Harrison, Jackson	n, Yes	No N	Þ	Yes	Yes 1	40 Yes	No	\$	2,000,000.00 \$	
Workforce	4296	1/8/2015	Mississippi Gulf Coast Fiber Ring	Currently, the Mississippi Guil Coast lacks a comprehensive fiber network engineered to be survivable in the event of a natural disaster and to support limitless economic development. C Spire	Hancock,Jackson	.H Yes	No Y	5	.00 Yes	Yes	io Yes	No	s	20,000,000.00 \$	
Development				proposes to build a redundant, survivable fiber optic ring for the Mississippi Guilf Coast to provide both a backbone network for the Coast as well as fiber connectors to commercial and residential cores across the coastal region. This network would provide the infrastructure necessary to support economic development projects of unlimited size anywhere in this region and to provide fiber Internet connectivity for oxisting large, medium, and small buildingses as well as coastal regions.											
Workforce Development	4297	1/8/2015	Gulfgort Dewritom Tourist Destination/Alley Streetscape - The Half Street Alley Project	Sulfact boundary insure destination/May Stretscape Pages I. & Marield Strets Aley Pagest48. In the tradition of Printers Aley in Nativella, Partes Aley and Escharge Pages In New Orland, and the Aley Status in Mongamery, Al., Culfport, MS is setting to develop the downloan aley To Modificate of the Instantial Aley and Escharge Pages In New Orland, and the Aley Status in Mongamery, Al., Culfport, MS is setting to develop the downloan aley To Modificate of the Instantial Aley Lange, Saturdan, MA or Handrig Valler, Caratty and Alex To Marine Status I. St	Harrison	Yes	res Y	5	55 Yes	Yes I	io Yes	Yes	s	1,500,000.00 \$ 317,	000.00
				This new structure will directly increase traffic in this postcation friendly was to faculty award retainarity tat will have back door mod/or combraid across the memby transformed Advantation Structure (Text) will also work that the membrane that will be a structure of the structure transment. If will also work the combraid transment will also work the development of new structure transment. We will be advected to the structure transment will be advected to the structure transment. We will be advected to the structure transment will be advected to the structure transment will be advected to the structure transment. We will be advected to the structure transment will be advected to the structure treasment will be advected to the structure transment will be adve											
				has used over \$10 Million in CDB for one of the nation47% targets treetcape and fulfable grant projects resulting is a resurgence and rebirth of Downtown Gulfport. The &Earleid Street AllwykEll Project is the project that will differentiate Downtown Gulfport from any other along the coast, offering a true destination that attracts more patrons to our small businesses, improves a currently depressed eras and area analyze public space tourist and Gucida sillar will be down to.											
Workforce Development	4298	1/8/2015	ONE COAST Serve by ways and Relocation Campaign	Is in commended that \$2,003.2010 Restore AF Funds teallised to launch a CMC COATS Scenic Byways and Belocation Campage to drive tourins and real actual scale. Advanced in the material grant balanced and the interest County, in the option of the tourins and real actual by a schedule actual by a schedul	Hancock,Harrison		Yes Yi	2	50 Yes	Yes 1	les Yesser	Yes	Ś	2.019.230.00 \$	
Development			Centers	The creater have been determined by the positioning communities for economic success in tough times. With the economy strugging to get back on track following fastrina, the Guff OI Spill, loade and the researcies, there was and all a aneed to led the multi business engine by phying entrapreneurs and companies the support they need to re-open their does, recover, expand and their more worker. When the Deep Instance OI Spill A, the Mancok Chamber of Commerce was posted to launch the business resource recovery center, using the Katrina model as a template. In the aformath of Marriane Katrina Mancok Chamber of Commerce was posted to launch the business resource recovery center, using the Katrina model as a template. In the aformath of Marriane Katrina Mancok Chamber of Commerce was posted to launch the business resource recovery center, using the Katrina model as a template. In the aformath of Marriane Katrina Mancok Chamber of Commerce was posted to launch the business resource recovery center, using the Katrina model as a template. The Mancok Chamber was awarded the community Development Administration, the Hancok Chamber of Commerce together with the Hancok Chamber was awarded the community of USI SM Benetices Administration and the Clip of Bay 5.10 using OI and part formation model as a template. The Administration the Administration and the Clip of Bay 5.10 using OI and part formation and the Clip of Bay 5.10 using OI and part formation and the Clip of Bay 5.10 using OI and part formation and the Clip of Bay 5.10 using OI and the Mancok Chamber was awarded the Community Development Administration, the Hancok Chamber of SLI in 2011. In 2011 the Interact Kathane Mancok Chamber was awarded the Community Chamber and Development Administration and the Clip of Bay 5.10 using OI and Development Administration and the Clip of Bay 5.10 using OI and Development Administration and the Clip of Bay 5.10 using OI and Development Administration and the Clip of Bay 5.10 using OI and Development Administration and the Clip of											
				Ter targets and timelines; and, Bently existing plans and resource. We also plan to target specific challenges: Buckness retention & segmentar;											

Workforce 4304		I-10 Connector Road - Phase 1	The Jackson County Board of Supervisors is proposing the development of a new connector road parallel to Interstate 10 between Mississippi Highway 15 and Mississippi Highway 669. The proposed Jackson new No tes 100 New No tes 100 New 15 13700,000.0 5 8,700,000.0
Development			note will be located north of the instructure and will provide access to entiting commercial property as well as large tracts of developable lined within the control. The proposed 12 control track in line instructure and will provide access to entiting commercial property as well as large tracts of developable lined within the control. The proposed 12 control track in line instructure and will provide access to entiting commercial property as well as large tracts of developable lined within the control. The proposed 12 control control transfer instructure and will provide access to entiting control control transfer instructure and will provide access to entiting control control transfer instructure and will provide access to entiting control control transfer instructure and will provide access to entiting control control transfer instructure and will provide access to entiting control control transfer instructure and will provide access to entiting control control transfer instructure and will provide access to entiting control control transfer instructure and will provide access to entiting control control transfer instructure and will provide access to entiting control control transfer instructure and will provide access to entiting control control transfer instructure and transfer instructure and will provide access to entiting control control transfer instructure and
Workforce 4305 Development		A Hancock (sounty Aerospace and Workforce Academy	The Paral Neur Community College (PRCL), which services Instructs County, and the Instructs County just the Instructs Inst
Workforce 4319 Development	2/20/2015	Requirements Analysis and System Architecture Belinkine for a Operational Ocean Observation and Modeling System	The diard field keep leng count and marke systems are made discuptes instanding the Deepwater holicon indexing and sources and discuptes and planements. It activates and inductive additional and low leng count and well affered to the second to the second to the second to addition and low leng count and well affered to the second to the second to addition and low leng count and well affered to the second to the second to addition and low leng count and well affered to the second to the second to addition and low leng count and well affered to the second to the second to addition and low leng count and well affered to the second to the second to addition and low leng count and well affered to the second to addition and low leng count and well affered to the second to addition and low leng count and well affered to the second to addition and low leng count a
Wextforce 4331 Development	3/5/2015	deminiping Minilappi Buoneses for RESTORE Projects	Inder the SIXDE AL, funds will a diametrated for a muther of entities for projects in worked in constraints, castal activities and a number of other projects. The goal of these projects in constraints (and activities that are projects in constraints) and castal activities that are projects in constraints) and castal activities that are projects in constraints (and activities that are projects in constraints) and castal million activities. The comparison of the straints (and activities that are projects in and activities that are projects in and activities that are projects in and activities. The activities that are projects in and activities that are projects in and activities. The organization straint is get a many real distance in the form of the straint activities and activities that are projects in and activities that are projects in and activities. The organization straint is get a many real distance in the form of the straint activities and activities that are projects in and activities. The organization straint is get a many real distance in the form of the straint activities and activities that are projects in and activities. The organization straint is get a many real distance in the local exception is activities that are projects in and activities to get a many real distance in the form of the straint activities and projects in a distance in the form of the straint activities and activities that are projects in and activities that are distance in the form of the straint activities and activities that are distance in the form of the straint activities and activ
Verkforce 4337 Development 4337 Uevelopment 4343		Back Bay Blood Shorthee and Hobitst Restoration West Lackson County Constructed Wetlands Restoration Project	Index and the set set of the set

 					1					_		_		 	
Workforce Development	4348	4/13/2015	Lady fab Trio (travel, higher education, and health management)	The Karshill Bluprint FoundationAlbs 3012 non-port organization working to address the specific needs and problems associated with young women. Established in 2013 in Diamonotheres, Mis, which the business file in Gulford, Mis, or musics in to add our community in busining reaction of diapartite amanget works. We also membraic encourage young womens to say in shoot pursue entraprenumbly and travel, and be fablocial. During all its encourage young women to pursue based horizons in carera and travel, including bottaming seconds, and encourage young association of diapartite amanget works. We also be entraprised to the specific needs of business and travel, including bottaming seconds, after specific and travels the travel. We hope to connect with very community from the Gulf Casut to accions to supershall agreement of young lables means cognisant of opportunity, bashib whong, and to benefits of versatile travel. We hope to connect with very community from the Gulf Casut to accions to secondary the attravel Kadonalt ²⁴ view ne as a protectived. It scharge keeping with our goals of travel, higher education, and health management, the Lady Fab Trio encompasses three programs: Operation Worldy Gulf (Haurt Beat to the Beat, and Medical born Ready. Ready-reading biotecome that and it will usit thigh chool femal puriors and sension in receiving passocits and sequining howdleged of foreign portunities, and bring that experiments bask to beatth that att of Mission (bush the lack passoci for the shores staft on the process sected young lables. The event will embedy gent specific s		TES	n\0	NO	Yes	Ye	No	No	No	\$ 750,000.00	> -
				ninotacce tables to tudy decid operturbite, international summer and sensor trips. Though the hild place will only promote travel to the Cardebas and Cardebas. It is placed to the comparison of the sensor and annual program table will interpresentations, the age of a comparison of the sensor and annual program table will interpresentations that will provide young loads with operations to furge and all. Note will end for any temperature to the Cardebas and											
				Statiset last to the Beald(HBI2) is a cardio dance workshop seeking to learning pace attributes and behaviors regarding exercise and dist in mothers and the head (HBI2) is a cardio dance and planning in harrison, status, and knows to pland to regarding the strains, alter MSU 2004 ADMACE, HBI2 will provide a one day cardio dance amp, instruction on how to implement the cardio into a daily rotant, haust healthy luttice, and awards ceremony will and to how to found the regarding the strains, and healthy found the strain of the str											
				3C@Medicine Room Ready3C@MRR) 3C" In recognizing that not every young lady is meant for a university tenure, but still would like a career, we would like to introduce MRR. MRR is a program that will be offered to high school academically inclined students to pursue and receive their LPN certificate upon graduation. This has been implemented in various high schools throughout the US, but											
Workforce Development	4370		USM Gulf Park Beachfront Pier Restoration	The University of Southern Massissiph's Gulf Park campus is the state's only beachfront campus. This campus had a fishing/recreational pier extending out into the Gulf of Maxics for many years. The pier offered azademic, research and recreational opportunities for students, faculty, and staff as well as local or related at a result of forms and other hand wents. The piper of the piper offered at a structure of the deminest of structures the piper eventually was concerned by the deminest of structure. The parpose of the piper to the product of piper and one span offer the defice Gulf access that had been in piper for the above mentioned Mussissippi resident sud other stateholders for many years. Alto, with USM's growth in the areas of marine and costat science, this pier will be a critical accelence and research resource for Muscission's ormer university marker and de orsears.	Harrison	Yes	Yes	Yes	Yes	Yes	i No	No	Yes	\$ 1,500,000.00	
Workforce Development	5378	7/7/2015	Intelligent Communities: Helping rural communities transition to, plan for, and prosper in the digital age	The Maxing State University Extension Intelligent Community institute helps rule a communities transition to, plin for, and prosper in the digit age. The Institute, in partnership with local dampions, schedules series of persisting to increase averses of what the implications of the digit age are for institute, in partnership with local dampions, schedules series of persisting communities, with their office partner of the digit age are for institute, in partnership with local dampions, schedules are strangent and the strangent communities with their office partnership with schedules and schedules are damping checklic table with their involution works of the distal age and tables controls digital intervolutions, the schedules is to the first and communities learnership with checklic ages of the distal age and tables controls steps to prosper in the distal age and tables communities with their ownel were not communities to the schedules of the distal age and tables controls steps to prosper in the distal age and tables communities with the involutions of the normal schedules and tables controls steps to prosper in the distal age and tables controls with age to be end and and tables to the schedules distal age and tables controls distal tables controls and assumess to better use the technology. The learnership with the schedule communities with the result in the distal schedules to be coupled with education and assumess to better use the technology. The learnership with ages that the case, there are the distal ages and tables controls with ages and the distal ages and to increase brackband contextivity on the case. There are and communities that ease to be coupled with education and assumess to better use the technology. The institute contexting with distance and and assume the schedules to be schedules and be ages to be distal ages and tables controls with the distal ages. The distance and assume to be termined with distance and assume to be termined and assumess to better use the technology. The in		Tes	No	No	Yes	Ye	No	Yes	No	\$ 150,000.00	5 -
Workforce	5383	7/31/2015	MS Gulf Coast Economic Development Data	Project summary	Harrison, Hanco	ck Yes	No	No	Yes	Ye	i No	Yes	Yes	\$-	s .
Development			Project	Southern Minissippi Planning and Development District will create and maintain as one stop resource for consistent, accurate, up chade data accuse the Minissippi Guil Casat counter of Nancock, Harrison and Jackon, Hu tail be designed with horiging from affort user by porteoloaid ecconsistent existing business and stimulate more weath along the coast. A standardised approach to data collection will benefit the entire region. Tata collection in the data of data y											
				Data clitteria will be organized and maintained in a geographic phased database management system. SMPCD will use a deducated GS surver and provide using and password-protected access the authorized usurs. Boy of the major features and benefits of the bostskown allow occuminations access to the mount plant authorized adds, as the server will retrieve data directly from the working database. The data may be displayed in stat tables or in user generated tables, allowing online may viewing and hard copy downloads.											
				SMPDO will neek inpat from the professional economic developers to determine the fields for the database. Some data may be available on a public domain and other data may be purchased. Topical areas may include but are not limited to 34* (42 Population and projections)											
				34C Growtho patterns 34C Building permits 34C Wonkforcy/labor 34C Infranzinuuru											
				hendrad garage and search and sea											
				atC Gulf Coast Economic Development Alliance atC Gulf Regional Planning Commission											
Workforce Development	5386	8/11/2015	Airport Development Site Preparation	Badground: It is vial for Airports to develop alternative forms of revenue. The Gulfport-Bloxi international Airport owns, and has identified three areas of land, as a premier location for future commercial development. It is inquired to be elevated to a similar grade as configuous parcels.	Harrison	Yes	No	Yes	Yes	No	No	Yes	Yes	\$ 725,151.25	\$-
				Discussion: The project, that is located west of two Airport Hotels, requires site preparation in order to make it &Canhovel ready&B The site preparation consists of the purchase of mitigation credits, clearing the area, installation of utilities, and if to bring the area to grade with adjacent property.	5										
				By using grant funds, it will entice private investment of construction that compliments the amenities for Visiton to the Mississippi Guil Coast and also Residents of the Mississippi Guil Coast. Summary/Renefit to Region:											
				The Alignet is a key component of the economic well-being of Southern Missission. Capital growth and capital investments are critical for Alignet and another the second of the communities. The site preparation of the commercial development which then equates to the growth of local jobs, tases and alternative revenue to the alignet. Cent											
				The cost for 3 acre commercial parcel site preparation is \$725,151.25											
Workforce Development	5388	8/30/2015	Developing Grassroots Ideas for the Purpose of Building a Sustainable Economic Engine	Executive Summary	George,Jackson	aures .	Yes	res	25 Yes	Ye	Yes	Yes	Yes	\$ 10.00	ə -
			by Finding Innovative Way, of Restoring Gui Coast Industry and Reinvesting in Existing and New Business Development	approach to developing for profit business and indurry, future products to capture retail trends, and innovations in green technologies in order to product a captured explorement of the lower convery from the effects of transmit discovery. The capacit clice and convents are the explorement of the lower convery from the effects of transmit discovery of the capture retail for the lower convery softent from the discovery from the effects of transmit discovery. The capacit clice and convents is the explorement of the lower convery from the effects of transmit discovery and the capture retail for the lower convery softent from challenges in business development, economic and conventing transmitters are reterior. A multi-faceted approach capable of mainting existing morances while creating an effective Macroscover CaptoreAdit needed to simulate job creats in the transmitter and the creating and effective Macroscover from the effective discover and effective Macroscover (CaptoreAdit needed to simulate) program and the creating and effective Macroscover (CaptoreAdit needed to simulate) program and the creating and effective Macroscover (CaptoreAdit needed to simulate) program and the creating and effective Macroscover (CaptoreAdit needed to simulate) program and the creating and the cr											
				Incubator (HTREBD) can be the catalyst needed utilizing SBS Laboratories to effectively #Gadrivelk@conomic and community development in the Casatal region.											

Workforce	5399	0/2/2016	Palat Cadat Paultaliatian Gran Ulabura 00	This comprehensive project will revitalize waterfront areas of East Biloxi from the Highway 90 Bridge north and west to the I-110 Corridor through multi-use improvements to enhance and restore	Unaniana	No.	Mar	Ver	N	Mar.	Vee	Vec N		\$ 35.000.000.00	
Workforce Development	2223	<i>37272</i> 015	Point Labet Revitauzation from Highway 90 Bridge to I-110 Corridor along the Back Bay of Biloxi	Inits compensations project win instantiation watering of a set associate new term (and a set and a set as the risk of an and the set association of a set aset of a set association of a set associat										5 55,000,000,000	
				The presence of the inductive transmission on a similar the regional space one maypers through space intervents. The space of the spac											
				Strimping boats currently berthed at the Sherman Canaan Fishing Dock will be relocated east to a new commercial matrixa that will be constructed on previously-developed property to be acquired by the CP in the vicinity of Dak Strett. This new matrixa will imgrave commercial boat access to Guid channels and will offer landslet migrovements such as convention of locating areas, boats building and explore a stretching the constructed on previously-developed property to be acquired by the CP in the vicinity of Dak Strett. This new matrixa will an empress constraint such as convention of locating areas, boats building and a constraint will be the set of a stretching base stretching the stretching free stretching the stret											
				The Prior Street Waterfront Access Road and Maritime Commerce Canador will estand and improve Prior Street from 35 Street stools tho Highway R0, concurrent with implementation of the CPy project to earch data Star By Rolaword from Cola Street stowhen Ison Street Street And Into Angel Prior Street Street and the social prior Street Street and the social prior Street Street and the social prior Street Stree											
Workforce Development	5400	9/2/2015	Pine Street Waterfront Access Road and Maritime Commerce Corridor	Definit memory, storm-realisent homeline stabilization measures and pedestrian access improvements along public waterfreet property from the Blios Trihog Bregings outh to and under the Righway. The Press Street Waterian Access Road and Attainine Commerce Condro In Las Blios all water Bregings Street from 15 Street services from Street S	Harrison	Yes	No	Yes	0 Yes	Yes	Yes	Yes Y	8	\$ 20,000,000.00	\$ 1,000,000.00
				The competitive project gait to improve public zeros to waterfront commencies, indexidual and recreational venues. It sate that is the set of the commit growth of existing matter- neticate commence, such as the thermis board indexidual schedules. The set of existing is the foot of 5th Street. Improved access show will stimulate redevelopment of East Blait through new business stat-ups and the expansion of busins and recreational waterfront amenties.											
Workforce Development	5405	9/24/2015	Expansion of Blue Crab Aquaculture in Mississippi: New Conomic Opportunities fo Coastal Fishery Development	A net-action in blue cab harvest and the continuing decreases in numbers of juenel blue cab in entanies across the Call of Mexico have stimulated interest in the use of harbery-created cabs in stack enhancement statistic (blub) distinuing decreases in numbers of juenel blue cabs in estantians across the Call of Mexico have stimulated interest in the use of harbery-created cabs in ability of USAVGCNI to produce Mexicoded Acrossistic Statistics and the statistic of the statistic statistics and the statistic blue cabs harbery and expansion of the statistic blue cabs harbery and acrossistic statistics and the statistic blue cabs harbery and expansion of the statistic blue cabs harbery and acrossistic statistics and the statistic blue cabs harbery and acrossistic statistics and the statistic blue cabs harbery and acrossistic statistics and the statistic blue cabs harbery and acrossistic statistics and acrossistic statistics and the statistic blue cabs harbery and acrossistic statistics and the statistics and acrossistic statistics and acrossistics and acrossistics and acrossistic statistics and acrossistic statistics and acrossistics and acrossistics and acrossistics and acrossistic statistics and acrossistic statistics and acrossistics and acrossistics and acrossistics and acrossistics and acrossistic statistics and acrossistics and acrossistics and acrossistics and acrossistics and acrossistic statistics and acrossistic statistics and acrossistics and acrossistic statistics and acrossistic statistics and acrossistics and acrossistic statistics and acrossistics and acrossistics and acrossistic statistics and acrossistic statistics and acrossistics and acrossistic acrossistic and acrossistics and acrossistics an		Yes	No	Yes	0 Yes	Yes	Yes	No N	5	\$ 13,000,000.00	s .
Workford Development	5419		Guff Coast Economic Development Loan	Panded to 2006. Remainsce, a SU(10) more profe Community Development Financial Institution Fund (CDI), was established by a group of committed community leaders who had the vision and forcepting to understand that the type ManagedVer secorety from Nationa Karana (Lange State) and State (State) Constrained Community Verdersignes. Remainscent to the underst effecting, as well as submitted for Constrained Community Verdersignes. The Nationa and State (State) Community Community Community (State) and State (State) Community Community (State) and State (State) Community Community Community (State) Community Community Community Community Community Community Community (State) Community Communit		son Yes	No	No	Yes	No	Yes	Yes Y	3	\$ 12,000,000.00	
Workford Development	5420	10/2/2015	Guff Coast Broadband Project	The Message Guid Cast is in read utbra-hip-speci, fiber-orgic, translated intrastructure for Internet rearise that has unificant cape, fitebility, sublishing, for all of its colume, preventions, and private business and durations to be able comparison in regional, and/or all international markets for the crastion and retention of reguid populations to endow and international markets for the crastion and retention of reguid populations to endow and international markets for the crastion and retention of reguid populations to endow and international markets for the crastion and retention of reguid populations to endow and international markets for the crastion and retention of reguid populations of equid populations to endow and international markets for the crastion and retention of reguid populations of equid populations of the crastica and retention of reguid populations to endow and international markets and and private endog or approximation facilities of the crastica and retention of the private and community of all homes, business and public places by that all public and private service providers, and a crastical and private endog or approximation facilities to the restal and the composition of the private market the market fract and increases and public and private endog or approximation facilities of the tradit population of the private market and composition of the private endog or approximation of the community of all homes, business and public and private endog or approximation and and composition the dubic crasti based based or the community of the community of all homes, business and based of the there compares and the private market and and composition the dubic crastica and based of the there coasis contribe how private and community with private internet structures. The tradition of the there of the there is the structure of the private internet dubic and based		res	Ϋ́es	Yes	S Yes	Yes	Yes	Yes Y	ns agricul	\$ 15,000,000.00	\$.

Norm	1														
Normal	Workforce Development	5423		Eigebling Acknivy: The Activity counsels with the following two eligible activities: Accidinguing or Edmange to Edm. Audite and Autour resources accidinguing activities and apple activities: Accidinguing activities and apple activities: Accidinguing activities and apple activities: Accidinguing activities and apple activities: Accidinguing activities activities activities: Accidinguing activities activities: Accidinguing	St Tammany	Yes Y	(es No		Yes	No	Yes	Yes h	lo	\$ 1,000,000.00	s -
No. N				spill and related anthropogenic activities (such as river releases) the estimated number of oysters that were lost (direct death and subsequent reproductive loss) at a minimum, was four billion oysters											
No. N				establishment of a finance program could facilitate positive change for the oyster industry and the resource. Such finance programs have been instituted in other parts of the country where a revolving loan program is initiated that required little to no collateral, requires owner equity (i.e., investment of 10%), and allows loans to be used for the purchase of oyster shell and aguaculture specific equipment. These loan programs help initiate a board to the industry in a particular sector, aquaculture and provide opportunities for previous/diadvantaged communities to engage.											
No.				squaculture business projects can be challenging for small enterprises and individuals considering the two to three-year growing period between oyster planting and growth to market size, as well as the lack of available business equity and collateral accords, Missicappide"s aquaculture isoan program will require all principal payments return to a revolving fund to support future rounds of funding the MDMR will partner with a credible indiminist individuals considering the two to three-year growing period between oyster planting and growth to market size, as well as the MDMR will partner with a credible indiminist not the program will require all principal payments return to a revolving fund to support future rounds of funding	i i										
				Location: Missisjpj Gelf Coast											
Note: Note: <td< td=""><td></td><td></td><td></td><td>Purpose: The Mississippi Oyster Revolving Loan Program would provide affordable financing to oystermen and other parties who want to start or expand commercial oyster aquaculture operations in Mississippi.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>				Purpose: The Mississippi Oyster Revolving Loan Program would provide affordable financing to oystermen and other parties who want to start or expand commercial oyster aquaculture operations in Mississippi.											
Normal	Workforce Development	5452	12/8/2015 TechTown Pascagoula	five focus areas including robotics, programming, film and arts. In contrast to the original TechTown Chattanooga, the proposed TechTown Pascagoula would be a 5,000 sq ft extension center offering focus areas customized for the jobs in our community. TechTown has a strong emphasis on securing scholarships for underprivileged youth. In addition to youth programs, TechTown also offers	Jackson	Yes r	No Yes	S	0 Yes	Yes	No	Yes Y	8	\$ 2,000,000.00	s -
Immune 50 1000 Addee Market Addee Mark Addee Mar				Pracegola would spark the interest of local youth region works in STEAM (Science, Technology, Engineering, Ars, and Mathematica) related pilo of which Respond in formate to be pinettal in. A facility of this magnetic would be the first in the Stare and how a mail local your and millst and works. The stare and how and the stare and how and the company and millst and works. The stare and how and handling in the stare and how and how the stare and how the stare and how the stare and how the stare and how the stare and how the stare and how and how the stare	g										
Name															
Normal	Workforce Development	5453	12/11/2015 GoCoast Trust Fund	return on equity investments; and (1) grants to public agreents for urgent public projects that do not generate revenue directly, especially eco-vestoration projects. The Trust fund will provide a long time, economically cound framework to statulate regional economic recovery and growth that serves long-term public interests, and it will have the floxibility to adjust to market driven changes in the regional, national and world economics.	Hancock, Harriso	n Yes Y	fes Yes		Yes	Yes	Yes	Yes Y	8	\$ 100,000,000.00	s -
Normal				trustees, subject to the approval of the Mississippi Senate and House of Representatives, for four-year terms, coterminous with the Governor. All actions of the Board of Trustees must be by unanimous vote of the Trustees. Operating expenses of the Trust may be funded from Trust Fund income and any public or private grants obtained by the Trust.											
Normal				Investments and pojects for the event fixed year, (2) financial Latements of the Trust for the previous year, and (2) financial attements projected for the next heyes. Fror to submitting each Plan of Investments, the should be made the Plan to all accelerations and star Benerestmatives representating any and of the Investment. If a majority of extension and Representatives submit an objection (in writing) to any specific project in the Plan, then that project shall be deleted from the list of projects that may be funded by the Trust in that fiscal year.											
Normal				workforce development. Priority will be given to projects that stimulate and accelerate long-term, regional economic recovery and growth; job production; tax-base expansion; and quality of life for Mississippi Guil Coast residents. Selection must be based on projects that, accebut for aCEoCoast Trust assistance, otherwise would likely not go forward within a strategic timeline and scope of											
Image:				Tax increment Financing, Mississippi Tourism Rebate Program, Public Improvement Districts, Business Improvement Districts, and Community Development Financial Institutions, like the Guil Coast Renaissance Corporation.											
Notice Notic Notic Notic <td></td> <td></td> <td></td> <td>criteria will be designed to perpetuate and grow the Trux Fund, the Board of Trustees will have the flexibility to set terms that may be less than market rate in order to incent timely, qualified project that make long-term, systemic improvements to the regional economy and quality of life.</td> <td>5</td> <td></td>				criteria will be designed to perpetuate and grow the Trux Fund, the Board of Trustees will have the flexibility to set terms that may be less than market rate in order to incent timely, qualified project that make long-term, systemic improvements to the regional economy and quality of life.	5										
Note Note <th< td=""><td></td><td>5458</td><td>12/23/2015 City Hall</td><td>scattered among several locations, and buildings are deteriorated, costing considerable funds in annual maintenance and inefficient operation. In addition, residents must visit several locations to complete business with the City, making it not user-friendly. A new facility would consolidate services, making it more efficient for staff and citizens. The project would include site selection,</td><td>Jackson</td><td>Yes 1</td><td>No Yes</td><td>g</td><td>0 Yes</td><td>No</td><td>No</td><td>Yes Y</td><td>6</td><td>\$ 10,000,000.00</td><td>\$ -</td></th<>		5458	12/23/2015 City Hall	scattered among several locations, and buildings are deteriorated, costing considerable funds in annual maintenance and inefficient operation. In addition, residents must visit several locations to complete business with the City, making it not user-friendly. A new facility would consolidate services, making it more efficient for staff and citizens. The project would include site selection,	Jackson	Yes 1	No Yes	g	0 Yes	No	No	Yes Y	6	\$ 10,000,000.00	\$ -
Description: Number Number of Stable and on a uniquidated single stable and sing		5459	12/23/2015 Welcome Center / Tourism Center	Develop a site and construct a welcome/tourism center for the City of Pascagoula. The City has much to offer, and several large employers bringing visitors to the area. Often, these visitors miss the levels of Pascagoula and Larkson County in favor of larger farilities in other nearby cities. A welcome / tourism center would provide meeting space information about local attractions and facilities.	Jackson	Yes 1	No Yes	9	0 Yes	Yes	No	Yes Y	'es	\$ 5,000,000.00	s -
Verticity Note: 1		5460		Project #5460 based on a recent study and updated design and building estimates.	George, Harrison	, Yes T	No Yes	8	1 Yes	Yes	No	Yes Y	'es	\$ 57,000,000.00	s -
Notice Notice<				study and treatment of diabetes and obesity, currently in its infancy. The singular focus of NDORI is to find a cure for diabetes - a disease that impacts more than 15% of MS's population.											
Note: Not: Note: Note: Note: Not: Note: Note: Note: Not: Note: No				opportunity to invest in the long-term health of the state, position the MS Guil Coast as a regional leader in the growing health and life-sciences industry, create a catalyst for exponential economic growth, and promote community stability through development and investment. The concept would be one of the cornerstones of a healthcare, bioscience cluster: the Tradition Medical City.											
We form Set 0 Verform Set 0				four healthcar duter with the Tradition Medical Chy st the nexus, the final product of this study was published as MarThe Sociecencomic Impact of a Healthcare Research Cuter at Tradition, Mixistopial: Taskaro the proven heary that a dute of healthcare and bioscience facilities in promitiny to are a subject for medical industry growth, residential development, and a primary destination for hospital, universities, research institutions and health and If is coince company. The society of the socie	8										
Image:				significantly higher than the 105 Shantonal rate. It has been predicted that by 205 ble global population with diabetes will increase to 100 million. With nearly 1 in 6 Minusoppuns affected by diabetes, the cost to the statt at 31.5 Minus multily is ensured to result is seak where productivity, high portugativity rates and low labor participation. NDORI and the additional medical development in the Tradition Medical City will serve to create the potential for significant economic savings to the state.											
Verkfore Development 54 7/2/728 Hyber/Connectivity Project for CP or Q Applicate provide as of transportation, accessibility and ulfray along the interactate 10, Highway \$131 contriders from Old Samzenian load on the 13 10 boddints. Anome and Development 164 76 76<				NDDR will serve as a catalyst for economic growth, community stability and community realisince by providing or supporting a diverse offering of educational opportunity for residents of the state as hospitals, universities, research institutions and health and life science companies are engaged or locate in the development. This type of development will serve to strengthen the state and Guif Casat's economic health through creation of high-value jobs, creation of middle-skills jobs to promote growth of the middle-class, creation of educational opportunities threast in high-y-killed											
We for the second state of the seco		5464	1/25/2016 Highway Connectivity Project for City of Moss Point	A project to provide ease of transportation, accessibility and safety along the Interstate 10, Highway 63 and Highway 613 corridors from Old Saracennia Road north of 1-10 to McInnis Avenue and	Jackson	Yes 1	(es <mark>Yes</mark>		Yes	Yes	No	Yes Y	es	\$-	s -
Werkforce 546 2.74/2026 Computerised RESTORE Developmental dudies, resurfacing leging, resurfacing, resurfacing leg				1. Interchange improvements and extension of service roads along with service road improvements along the I-10 and Hwy. 63 and 613 corridors.											
Weinforce S46 2/16/2016 Computerized RESTORE Development dubgen Julice Intersection main grades and press. There will be implementation of US Millary and See Parage Note															
Workforce 5465 2/16/2006 Computerised RESTORE Development duplication for creating commercial development opportunities. Yes				 Widening and improvements along Grierson & McInnis Ave. from Hwy-63 to Main St. (Once Hwy. 90) to create greater access and increased flow to downtown from the east. Also include a stop light and cross walk at McInnis & Main and straightening and widening of McInnis in front of City Hall with added parallel parking. 											
Workforce 5465 2/16/2036 Computerised RESTORE Developing: Working Proposals to hir University Researchers and Marketers to address the RESTORE act and present the proposal 100% into dimensional sections for fundamental learners Yes Ye				4. Turning lanes and a traffic light at Hwy-613 and Dutch Bayou Road to create a new main entrance and exit at the Pelican Landing Conference Center, at the intersection.											
Development comprehensive training and developmental studies in progress.				5. Extend Audubon Way eastward across Main Street to Morris, creating a new intersection and creating commercial development opportunities.											
Each University Researcher that provide a biographical stetch, resume, CV etc. will be assessed to his or hers RESTORE ACT decision making teams. There will be implementation of US Military and International interventions and redesign ROTC Workforce Innovation Training and Development.		5465	2/16/2016 Computerized RESTORE			Yes	res Yes		Yes	Yes	Yes	Yes Y	'es	\$ 18,000,000.00	s -
				Each University Researcher that provide a biographical sketch, resume, CV etc. will be assessed to his or hers RESTORE ACT decision making teams. There will be implementation of US Military and Interventions and redexing RDTY Workforce Innovation Training and Development											

Workforce Development Workforce	5480		Oyster Restoration through Aquaculture - Aqua Green USM Ocean Enterprise at the Mississippi	In Massings and throughout the full of Massics, the system fahery serves as an integrap part of the excemps and intringe of castad communities. Sensits over the part decade such as Marinane Kathina and numerous antimorpaginic events (e.g., galway openings, edg) (e.g., L) have, however, impacted been examics in Massing part access data significant reductions in a part indings and the amount of value system red halded present. Hereful is a priority by the Gorenold ⁴⁴ , System Caunel (Loucel), UMA proposes to continue its reases in and exdensioned in the production of and antibility of the system reduction of the system of the production of antibility of the system	Stone	Tes	19	Yes	77 Ye	5	Yes	Yes	Yes	Yes	3	28,000,000.00	s -	
Development			Aquantum	Background The maritime Kille Conomyké ^m is the largest sector of Missispia economic activity and includes shipbuilding, shipping (and related), fishing, tourtun, defines (and related), and construction activities among many drives. New and very large investments are being made to capitalize on this growth potential. We propose to centralize the connection schemes the mission insulative important state weathered with the memory that investments are being made to capitalize on this growth potential. We propose to centralize the connection schemes that investments the the investments with the investments the the investments are being enclose to capitalize on this growth potential. We propose to centralize the connection schemes that investments are being enclosed to the connection schemes that the investments are being enclosed to the transmitter and enclosed schemes and enclosed schemes that many investments and the final scheme that the connection schemes that the investments are descheme potential and potential scheme the transmitter and enclosed schemes and enclosed schemes that and the connection schemes the linearity scheme interaction create new are and categoropatities and potential enclosed and potential. The State of Maussippial facilities at the nexus of Industry, acdemical and gravities capes, then interaction create new are and categoropatities and potential enclosed and becauted schemes that the state of Maussippial Scheme schemes that places and the schemes of Maussippial Scheme schemes that places and the schemes of Maussippial Scheme schemes schemes that places and schemes that the largest schemes and schemes and places that places and the schemes of material schemes that the schemes of material schemes that and schemes that the facility and the university of Scheme schemes that the schemes of material schemes that the schemes of Maussippial Scheme schemes that the schemes of training tomorrows the state schemes that the react of material schemes that facility and the time schemes that the sc	Harrison	Yes 1	E S	Yes	2.8E+07 Ye	55	Yes	No	Yes	Yes			S -	
Workforce Development	5485	6/1/2016	Restore the Costall Tree Canopy Startegies 6. Storm Preparedness and Mitigation	Instruct the Tee Caracy will ends with newry city and county in the three coard counties to dentify approximation provide the second counties to dentify approximation provide the second counties to dentify approximation provide the second counties to dentify approximation and counties approximation and counters approximation and c	George, Harrison,	£ res 1	(es	Yes	80 Yr	25	Yes	Νο	Yes	Yes		450,000.00	ş	
Workforce Development	5494	7/6/2016	SRHS Infrastructure	Portions of the environmental infrastructure of our two hospitals are is excessed of quars of and are failing. Other environmental infittes such a water of liables, electrical anich gaza, and lighting for both out care to entropic as well as conclusioned in the Licosting hundress of thousands of dollars and year nore than their homoders, energy and resource effection counterparts. SHR is proposing to register failing components such as the SHR colling tower and electrical anicht gaza, a well as the intellicient lighting, components of the Osline robust, and several are handre units a Coll, with modern counterparts that will asses SHR approximative (3400,000 are) arein operating expressions. The cost of the project is estimated at 57,000,000,000, with an ROI of less than 20 years and a projected life in excess of 30, producing a net return on investment in excess of the cost of the project. SHR is seeking capital funds for this project.	Jackson	Yes Y	ſes	Yes	100 Ye	15	Yes	No	No	Yes	healthcare !	7,800,000.00	\$ -	
Workforce Development	5503	7/18/2016	Center of Hope	In content of Hoses "A Resc Called Home" will be a facility and registering homeless families and single mean ad warmen (content of them veterand) on the Coast of Moussian justice) facility of the Coast and a chapter. The Content will be a 25500 set fit facility, provide homeless residents a sub-scale of Research and a chapter. This is a transitional howing center that will be a registering the Averal different provide homeless residents a sub-scale and the result are advected by the set of Research and the set of Research and the result needs. We are partnering the Averal different provide homeless residents a sub-scale and research and the result needs. We are partnering the Averal different provide homeless residents a sub-scale and research and the result needs. We are partnering the Averal different provide homeless results are advected by the result of Research and the result needs. We are partnering the Averal different provide homeless results are advected by the result of Research and the results are advected by the results are advected by the results are advected by the result of Research and the results are advected by th		Yes 1	io	Yes	N	0	Yes	No	No	Yes	4	5,700,000.00	\$ 4,500,000.0)
Workforce Development	5505		Guil Cast Institute for Minosity Lexifership In Natural Resources	Provide and again status is given the tools needed at they can be productive members of status. The torus is the status is the s		Yes 7	io	No	50 P2	0 0	Yes	No	No	No	4	15,662,208.00	s . s .	
Development			Restore Plan	In the statude gian you will find recommended turning urgests for the South Mississippi counties. Henceds, Karmano, Jackson, Panel Tiever and Stone. These are pojects that can have significant environmental impacts on the region. Each individual project leading can be accompliable within a budgetary range 500,000 to 35 million. Any approved project will be income waterway and in many case directly enhance the quality of orgethr habits throughout the region. The Mississippi Guil Coast Region Utility Board dopted a stratege to such together as a region, understanding what is good for one, is good for all. The objection of the attached gian is not use adaptived of any valuntited project, to rater approval of one project at a time if necessary. Over a 15 year period one can only imagine the accumulative effect, the significant environmental impact this strategy holds for South Mississippi.													-	
Workforce Development	5508	8/17/2016	Kegua Buyou Wate V Water Teatment Plant Improvements for Mol Collection and Treatment of Sedfood Industry Discharge	A part of the comprehensive policit on private efforts improve water quality in the back Bay of Biols defore it notions the Guid of Advance, the Cuy of Biols and Park at the Meegen Bayow Wate Water Francent Plance. This project will result in benefits to the public by personing on simplicity of the back Bay with significantly entrained that the Meegen Bayow Wate Water Prantment Planc. This project will result in benefits to the public by personing on the Back Bay with significantly entrained that the Meegen Bayow Wate Water Plance Plan	Harrison		8	Yes	100 Ye	12	Tes	Yes	Tes	Ϋ́	1	25,000,000.00	5.	

Maddana	****	10/17/2016 Elevating the profile of the Mississippi	For the William and the state of the state of the state. We much shall be been account to state the second to state be been to the state of Relian at a second state of the William State of the	Harrison Jackson.	Ma		-	Vee	Ver	Ver	1	_		391,073.00			
Development 5:	5518	10/17/2016 Elevating the profile of the Mississippi shrimp industry: a post-oil spill Fishery Improvement Project to advance and promote the sustainability of the Mississippi	Sustainability projects are the status quo in the sedeod industry. The supply chain is being pressured to provide assurances that the product is sustainably here. Plotices at companies such as Wei- Mer, Sycon, and Weine foods are very specific and may block product that cannot demonstratic compliance. Begins being interacted under robust 1.5. Shortery management, part tertalier requires third-party velification through certifications or fukery improvement projects (FPL). This proposal velock is continue devolging at FPG for the Missioga (PLA) through the fukery Attention of Light. The	Harrison,Jackson,F	Tes No	NO	•	Tes	Tes	Yes	NO INI	•	2	391,073.00	· ·		
		shrimp fishery.	project has how tere: Lasscennet KV [*] Stastaniability pre-assessments to internationally accepted standards are the basis for FPA. Some retailers specifically require a Marine Stewardship Council (MSC) assessment. This project will find an MSC pre-assessment and the transition to a VC comprehensive FPR [™] (see Conservation Allance for SafeOd Solution), G.U.F. has recruited stabeloides for a FP Committee to develop a time bound Work fin writelity of artific april conflict on three years, G.U.E.M. Biolitain entering of the Committee to target organs of the FPA.														
			2 Ber ingestion &" houting industria about turite excluder device; (TDD) and hysich industria devices (BHD) is an existing atom of the FR A major concerns in the Galf of Mexico Atoms, There is interaction with endangered as surfaces. In fided analyses, and with an existing atom of the FR A major concerns if its axes at a term threshold. The project will fund 3 care impactor to conduct courtery check, ensuring TDs and BRDs are properly installed, reducing the rate of as turite capture and the likelihood that fishermen carry vano compliance targ as:														
			can / indicational gea. Biodary Outreste: hishoef fleet &f "Slammer travia are currently esempt from federal TED requirements if they athere to tow time limits (50 CFR 223.206(d)(3)). NOAA is drafting an Environmental Impact Stammer for potentially eliminating the TED esemption rule. GLLF. will inordior this rule drates, regularly update the MS Johnin Johazin, and educations field using the rule manager of the source to submit comments through the inordinary genes are not required in take waters. GLLF. Juit I continue to ducate travers to notestift of Bioxia encourage elivativa pue to luther minimize														
			loyatch. Adexonance Outraceh &C To communicate the progress of the MS shrinp industry and its devotion to sustainability, GULLF will attend conferences and education events in MS and across the country, distribute material encouraging consumers to purchase MS shrinp, and exeruit restaurants to join the Restaurant Partnership Program, which encourages them to source domestic sedfood and empowers wait state a materiasding for the notesty.														
Workforce 51 Development	5525	1/1/2018 Nature Tourism Proposal for the Mussioppi Guil/Cost Region. A project and budget plan based on the 2016 process and strategy document,	Tortism and business tacken have realised the necessity of cortaining an environment of concervation and protection of MusicoppidP*, scatal resources in the wale of the Deepwater Horizon Of Sigil in the Guil of Netics, part of and of Jaming business taken pice sizes c2010 conclusions the netice bases, and concervations. There is an area of opportunity in this region has the single size (scata) concervation. Business and the Deepwater Horizon Of Sigil in a most promising method to protect natural resources in the value resources and protect environment at texarable where it must are called to conclusions the natural areas. Amount outcomest and texarable where it must are called to conclusions the natural resources and protect environment and texarable and using and cultural significance. These travelers are none (steps) that there is the scalar gal conclusions the natural resources in the value of texarable and texarable and travel define in multi-generational groups with extended families. They are seeking skip, well encircled communities that jack explores are none (step) comparison with the entroper takes are none (step) comparison with the entroper takes are none (step) comparison with texter are none and takes are none (step) comparison with entroper takes are none (step) comparison with entroper takes are none (step) comparison with entroper takes are none (step) comparison with a step in the step in t	George,Harrison,P	Yes	Ye	es 11	D Yes	Yes	No	Yes Ye	8	\$ 10	0,000,000.00	\$ -		
			Accepting the charge to implement a nature-based towinn pine, the Masinajop Gulf Coast Hational Heritage Area - Nature Towinn Proposal for the Missisapi Gulf Coast Region outlines the finamenols to manage coarts, pine, market and implement the recommendations with a budget of \$10 million over the next five years. This proposal outlines management and administration, operations, planning, marketing, and implementation.														
			Management and Administration: The MACDR44 will provide general management, overlight, and coordination of day to day operations for the nature-based tourism program. It will provide leadership to local diffusion and pramers to implement the NRT Rm.25 (if Jean Managers will be closen by each of the six coast counties to serve as liaitons to ensure that initiatives and priorities for each of the counties are being carried out with consistency, and that established goals are being met.														
			Operations: The MISCIVIA-will implement the recommendations culliced in the NET Plan, as they are aligned with the mission of the MISCIVIA-to conserve, enhance, and promote understanding of the heritagener resources in the six context of the MIS Guil Cost. Office and tower fielded operators are included in the proposal.														
Workforce 55	5526	12/10/2016 Magnolia Bayou Acquisition and	Planning "ranar of olizonarion between a diverse group of stateholders, including tourium professional, small busines owners, natural resource enperts, Chamisen of Commerce, and KOGAP". In Mississpo climinated in the 2016 Nature-Baser Tourium Ran for Costal Mississpi developed for the is coastal compared in the accordant parage and economic health of South Mississpi La well as provides framework for development in the Mississpi geveloped in the Associated program will benefit the ecological and economic health of Magnola bayous is a magnotistic para transpirate frames into the Baser South Costa Jan, its bius phathen the frangesis and to the ecant of Outbar street off of Highway 50. It is relatively	Hancock	Yes Yes	Ye	s	Yes	Yes	No	No Ye	25	s	. :	s -	Land Acquisitio	on
Development		preservation/research center	undisately, with homes surrounding the boundaries of the buryou. Haracca County does not have much in the way of environmental discustion centers, and the way of buryou have a loss of the avert and the structure of the surface of t												_		
Workforce 55		6/1/2017 Water Filtration, Clarity and Treatment	The project is flexible, but the important part is protecting this hand from any future developments and to utilize it to educate our youth. If there are any questions about this proposal please don't heritate to constart mell thank you so much for indulging me in this proposal. The City of Gualer geographically is located along the west degir of the Pacagoula River Basin as it emplies into the Mississippi Sound. The aquifers that the City utilizer for its water supply are highly											6,000,000.00		Land Acquisitio	
Development	3337	ng 2,202 Project	Indicide white many senses and opposite data to be prographic leaders. These status allemants constanted within the weter anguly approach as bounded to be allered water, which is an alteriatively approach as a bounded to be allow provide and an angular and a law method. The status allemants constanted within the weter anguly approach as bounded to be allow provide and angular and a law method. The Cryst Population and a some method within the status angular angulara angular angular angulara angular angulara angul	Jackson			8 7) Tes	NO	NU	10 10	8	3 6	,,000,000.00	3 °	сапа недањие	
			The acope of work for this project is to accure the execusary property within the execusing two regions are construct two additional of a Cashange Filtration Systems to ensure all of the Chyd ⁴⁰ "s water supply is properly treade and done to option and onhance economic development of the Chyd ⁴⁰ "s region ¹⁶ water supply with and west accurate backies to accurate the document of the top system to back the property and the accurate the document of the region ¹⁶ water supply with and west accurate backies to accurate the document of the document of the top system to back the property of the accurate the document of the top system of the s														
			This project will improve the locality of the community, enhance sustainability and promote long term growth. The benefits associated with this project are the overall public confidence in the Chydr's water system, removed of the negative image of the discoloration of the water which will enhance the Chydr's ability to expand residential and commercial growth, along with improving tourism opportunities throughout the Chy.														
Workforce 51 Development	5538	6/1/2017 COMMERCE AND TECHNOLOGY CORRIDOR	With more than is entire of interstate frontage, the City of Gautier has access to only two interstate interchanges. One at 1:10/Mss. 57 and one at 1:10/Gautier Vandeave Road. The City has experienced development pressure at the 1:10/HgBwy S7 interchange, as evidenced by the following: 1) The planned widening of HgBwy S7 by MOOT 2) The extract societation of the illerville Orthogedies medical anamous on East label (Aller Road and 1) Significant expansion of Beb Testics, a mand/eastrematic Reliai and Significant excess from his interchange.	Jackson	Yes No	Ye	s 9	D Yes	No	No	Yes Ye	25	\$ 11	1,000,000.00 :	s -		
			The City has recently taken out a \$1 million CAP loan from the Missisappi Development Authority and expanded and upgraded a portion of Allen Road and renamed it East Lake Boulevard to accommodate the immediate development occurring in the area. The City has also received a commitment tetter for \$330,00 in 19 // funding and \$750,000 in a second CAP loan from MMA to construct a 300,000 - 90,000,000 and under that. The actor expanying hand address the immediate meets of this area, but time planned expansions at Binnille Orthopaedica and then new developments will require additional water storage capacity. There is need for an additional \$00,000 galon water tank in this area. Currently, the City is utilizing \$8 percent of fits water capacity, so these upgrades are dependent wented. Also needed in this area are additional upgrades and widening of Allen Road/East Lake Boulevard and Doboon Road and improved geometrics with signalization at the access point from Highway \$7.														
			The City has had many inquires regarding development within the area, which will complement and support the development that has already occurred. There a plan for a hotel, planmaxy, models already totaxe of metasances to support the existing model adressition. The earswhere the development presents is occurring was previously a rule area, annexed by the City of Gauter, As a result, the satisfies contained existing conducts a rule and will be oblight for two cars to pass ach other, and they reade to be expanded to accommodate the development. This are provides the approximation of the satisfies contained existing contained and the plane to the satisfies and the readed to accommodate the development. This are provide the approximation of the satisfiest of the city is accomption of the city is accomption. The matter plan includes new street, expanding enabling streets, drainage, lighting, a multi-use pathway, recreational amenities around the existing lake and other related improvements.														
			Specifially, the project includes the following infrastructure improvements to accomadate development pressure and simulate the additional economic growth that will result from the recent construction of the matcain campus, which provides doctor visit, inclusing arrives, and patient largery and physical brenes, AL Lobg galance primite water vasit, along with hus life extentions in the lightways? J development controls and relations of the single strategies and extension of the single strategies and extension of the single strategies. Secondly, the project indices function strategies and extension of the single strategies and to include grinds in characteristic strategies and to include grinds of war according provide the receasing infrastructures, manage and grinds. The project will improve the leaking of the community, enhance sustainability and promote long term economic growth. The benefits associated with this project are long term economic growth.														
Workforce 51	5539	6/1/2017 Southeast Gautier Sewer and Storm Sewer	workforce development and job creation, infrastructure benefiting the economic resources of the area, and enhancement of public health and safety for the citizens. The southeast portion of the City of Gautier has experienced repetitive flooding and sewer back up. To address this oregoing problem, the City is proposing to upgrade its sewer and storm sewer	Jackson	Yes No	Ye	rs 9	5 Yes	No	Yes	Yes Ye	8	\$ 10	0,000,000.00	s -		
Development		Infrastructure Upgrade	systems. The overall improvement plan is to upuite the gravity vever lines, si lip line all mathodic/laterist and upgrade all existing sever pump stations serving that area. The CP value is proposition provide existence and undersized distances plane, clear and conclust confiled channel that have a bunch of the drainage flow and to construct a sediment. The barefuls of this project is upproved the quarter from existing the drainage system through this area during rain events. The barefuls of this project is upproved the quarter from existing the drainage system through the area. There is the sever task's up into the drain water system, increasing the capacity of storm water run-off where exceptible and to retain storm water at stotagic locations will improve the water quality of the Chyle ⁽⁴⁺ 's bayous and the Missizippi Sound.														
			This projectiát "s scope would be to develop a tourism marketing strategy that would include the creation of an interactive website and attractive brochure/other marketing materials for placement at														

Workforce Development	5541	6/1/2017 Shepard State Park Recreational and Ecological Enhancement	The City of Gautier has assumed the daily operations and management of this 395 sore park, which is located work of U.S. 90 along Graveline Road. Currently, the park consists of right miles of trails, which and the operation and prime custops and represented to the south of the park of developed and primetic cares pares throughout. In addition, the park has disc pair fast a grave management of this 395 sore park, which is located work of the south of the park consists of right miles of the park of developed and primetic cares pares throughout the park of the park of developed and primetic cares and the park of the park of developed and prime custops and the park of the the the developed bene control and park of the park of the park of the park of the the theore of the marks of the park o	Jackson	Υes .	res Y	65	50 Yes	Yes	Yes	Yes 1	E	\$ 9,000,000.00	\$.
Workforce Gevelopment	5542	6/1/2017 Gautier Town Center (The Commons Park)	particularly in Gauder, Missouppi, Gauder is uneque to have a amont 400 are pair within its Cly initi. The Chy of Gauder Trans Creater backets in the Create Jaures differs, and pairs are correctly being dependence for enclosing the pairs of the Creater Jaures and the Locater Jaures and the Creater Jaures and the Locater Jaures and Locater	Jackson	Ves Y	res Y	es -	80 Yes	Yes	No	Yes Y	(es	5 15,000,000.00	\$.
Wexforce Development	5548	4/12/2012 The SIGC Fiew Wave Center for Innovation and Technology	Small Business Capital Fuel of MK, Inc., (BKC) is a SDIG 120 Separation of the Treasury Community Development Financial Institution (CPR) that speciation infinance programs and technical substrates for MK business and has does an onis 19M. As an administrator of neurof MKA and Business anditance programs since the PM business and has does an infinance programs and technical substrates for MK business and has does an onis 19M. As an administrator of neurof MKA and Business anditance programs since the PM business and has does as a the start of the right key areas of focus of the GCOsast XXD goals as alf both the GGOsaver DM target the XDI. 340° is most fortunate, awall, to have the full support and denotranement of GGovernor DM prot business constrained. The GGOSast XXD goals are stored as the the spontaney SGC would control to advect as a test of the business constrained. The GGOSast XXD goals are stored as the constrained baseliness constrained to advect and test of the spontaney. SGC would control to advect and the spontaney SGC would control to advect and test of the spontaney SGC would control and strategies. Thereagn has another to the spontaney SGC would control to advect and advect and the constrained to advect and advect and the spontaney is the SGC would advect and the spontaney is the spontaney. SGC would control advect and the spontaney is the spontaney SGC would provide the third the spontaney is the spontaney SGC would provide the the spontaney is the spontaney software and the spontaney SGC would control advect and the spontaney is the spontaney SGC would advect with large methyses with tool and strategies the spontaney SGC would control advect and the spontaney is the SGC would advect with large methyses the tool advect and the spontaney is the spontaney software and the spontaney SGC would advect with large methyses and the spontaney SGC would advect and the spontaney software spontaney SGC would advect and the spontaney software spontaney SGC would advect and the spontaney SGC would advect and	Harrison,Jackson	Yes	No Y		60 Yes	Yes	No	Yes I	io -	\$ 7,500,000.00	\$ 250,000.00
Workforce Development	5551	5/2/2012 Poliinator Health For Food, Wildlife and Popping Poliinator Provide Lands Environmental Education	Indicates both in tubus and surgering of communities Polintoin both in advance our social and economic impacts and how all citizens can play a role in its success. Many times measure non-investing projects do not have the opportunity to be applied on the ground in a variety of removes with nontradicional advances. So, if research does impact actions of all varials, it can result in a greater success rate for the technology and discension in the hand of local citizens and community leaders that can make a difference on their properties, their community paulic lands and speciality corporations (and when the advances) advances in the hand of local citizens and community leaders that can make a difference on their properties, their community paulic lands and speciality corporations (and excellenge) advances in the hand of local citizens and community leaders that can make a difference on their properties, their community paulic lands and speciality corporations in the insteaded speciality corporations (and excellenge) advances and the citizens. The community leaders that can make a difference on their properties, their community paulic lands and speciality corporations. The bind into the community leaders corporating to control theory leaders in the same advances can gain a bate understanding of the role they piny polinator health, they paraters they can important. Mulf: Dia many years of using research dischooding and the commonations. The lands and speciality corporations the speciality corporations to the charged paraters down and the citizens to their paraters that charged paraters and communities in a direct the communities in a direct theory and providers barry that hands. The community parater structures and paraters down and the citizens of the comparison and the citizens and common the indication to execute the hand parater structures and provide structures the parater structures and provide structures and paraters down and the citizens of the corporations and provides to using the comparison and ba	George, Harrison, 1	Yes Y	fes Y	es -	Yes	Yes	No	No Y	ies -	5 110,000.00	\$ 75,000.00
Workforce Development	5555	5/15/2017 Sewer Infrastructure Rehab Project	Isomothead Water and Sever Datict Is located in Naccess County Minuspipel Within the CP of Diamothead. We provide water and sever sarries to approximately 4300 cutomers and a population of 300. The bitrack ¹⁰ : entitlende area is located within we methed areas table in a without possible and and monimal mouter of hubbanche caring. The discharge points for these watersheed areas are table influenced due to the geographical location of the Diatrick ¹⁰ : entitled area at located and monimal mouter of hubbanche caring table of the start of 40 toul, the Watern Central table and bubanches in the table influence and and mount and the start of the start bases of the start of the start bases of the start and the start of the start bases of the start and tables and the start and tables and the start and tables in the start and the start and tables in the start and the start and tables and the start and tables and tables in the start and the start and the start and tables and the start and tables and the start and tables and tables and tables is table and the start and tables is table and the start and tables and tables is table and the start and tables and tables is table and the start and tables is tables and tables and tables and tables is table and tables	Hancock, Harrison	Yes	fes Y	65	80 Yes	No	No	Yes I	40	5 6,732,000.00	\$.

			-									
Workforce 5558		Oti Fort Bayos Road at i-10 interchange	The Jackson County Board of Supervisors is proposing the construction of a new intersities 10 intersities with CdF Grd Bayou Road. The right-office way is available for immediate consideration for construction and works strategically patients are access patient for entry into Dackson County Timo Intersitiat-10. Centrally, located approximately for unlike east of the Wahington Areuru/Nighway KDF exit and approximately for miles west of the highway 57 exit, this interchange would provide much needed relief from traffic cognetion in hits hearty interest areas of the 10 central. The Vahington Annual/Nighway QDF areas has experienced transmited areas of the 10 central. The Vahington Annual/Nighway QDF areas has experienced transmited areas the population tends to migrate to the north, and this interchange would help to alleviate the the or hypotentiation interchange parts to improve the lows of the local community, but it also provides opportunities for the establishment of new arxies industries such as as statations, hortes and reducations to status travelers. See, modern, and associated travelers areas the population tends to migrate the neuroic industries such as associated in the reducation is parts with the Himmediate the flow of parts the containing long term economic gravits. Intercases the 10 central travelers below and the local economy. The dott the containing travelers are neuroic industries such as associated by the dott the moderney frame the containing the central travelers. The about the medicine industries travelers the intervalues the 10 central travelers and the local economy. The dott the central travelers is allowed to the provide requires the contained travelers and the sociation to the reset of flow dott to center proved the and interstate 10 in the local economy. The Clif Gra Bayou Road and the 13 DirectAuge is the need local action proved to mode the interstate and the travelers contained travelers and the local economy. The Clif Gra Bayou Road and the 13 DirectAuge is the need local. The por	Jackson	Yes Mr	Yes	100 1	es No	No	No Yes	S 30,000,000 00 S	
Development			Basiness District along Lemoyne Bluk, to the new Commercial Basiness District along the 1-10 Connector road, thereby increasing access and opportunity for new powerh in this acc. The additurd this strategic access linking water commercial basiness district will maintime the growth postbal for dot haves. The host term direct economics strulus will be immediately fitth throughout the community in the firm of employment and accome for the construction industry and industry to ymany others who are employed by comparing that proved materials, and advices that are rung basiness constructions industry and industry to ymany others who are employed by comparing the thorage post- diary others who are employed by postpet theorem is used on consumer goods and services, which in turn creates new jobin relation, maintering postpet of the post- processing and personal services. The overall accountic provides for multiple transportation routes for business and construction activities, advices with the intercluster and proves and constructions activities, advices and the functional integration of the community basiness controls provides for multiple transportation routes for business and constructions activities, advices, advices and proves and proves. The overall accountic provides for multiple transportation routes for business and communes, thereby strengthening the post-tail for control for activities, advicessores the functional relations and growth. The overall accountic provides for multiple transportation routes for business and communes, thereby strengthening the post-tail for activities and that the actual set of the business and communes, thereby strengthening the post-tail for activities and that the actual set of the community for many years. Growth in this are is statilised by the local community, bottered by a growing population, and positively impacted by communes that choose to travel to the increasingly popular thopping destination account will add table boundaries.									
Workforce 5560 Development	5/16/2017		Water tasks are maked rotest on non-spacine waterways took news, typically for people using small non-motorised bacts, such as hoyds and cances. Organity correctly environmentalists and conversationalists for concorrect environmentalists and conversationalists for concorrect environmentalists and conversationalists for concorrect environmentalists and conversationalists for solutions and environmentalists and conversationalists for solutions and environmentalists and conversationalists for constructive developmental beneric and the statest of the statest	Jackson	Yes No	Yes	70 1	ies Yes	No	Yes Yes	S 1.000,000.00 S	
Workforce 5583 Development		Radio Read Water Meter Project	Demonstrate Water and Sever Diractics is located in Hanced County Mississipal within the City of Diamonstrated. We provide water and sever arrive to appointance 4300 customers and a population of 9300. The Diractics has 4350 appearements 4300 customers and a population of 9300. The Diractics has 4350 appearements and uncountable water loca. The Diractics has 4350 appearements and uncountable water loca. And the arrow of the Separements are uncertained water local appearements and uncountable water local and and the appearements in the individed appearements and uncountable water local appearements and uncountable water local appearements and uncountable water local appearements and local appearements and uncountable water local appearements and uncountable water local appearements and the matched and local appearements and uncountable water local appearements and the matched appearements appearements and the matched appearements appearements and uncountable of water local appearements and uncountable of water local appearements and uncountable appearements appearements and uncountable appearements appearements appearements and uncountable appearements and uncountable appearements and appearements and uncountable appearements and uncountable appearements and appearements and appearements and appearements appearements and appearements appearements and appearements appearements appearements appearements appearements appearements appearements appearement	Hancock	Yes Ye	; Yes	85.1	No	No	Ves No	\$ 750,000.00 \$	
Workforce 5562 Development		Master Sewer System Study	Demonstrated Water and Seven District Is located In Hancold County Missialigui within the City of Diamonshand. We provide water and sever reverce to apprimisely 4300 customers and a population of 9300. The Districts is significant amount of Inform and Infraton, any grossen rain or which A78 are poly lay and oliver votice to pipe, lift stations and discussifies from rains and the affect of the project of the project and future service resci. The district needs a Nature Sever System Study conducted for the sever election system to example the infraton and grossen and the several discusses and an end of the project of the several infraton and grossen and the several and charges to assist the meeting everal volumental impact.	Hancock	Yes No	Yes		les No	Yes	Yes Yes	\$ 100,000.00 \$	
Workforce 5729 Development		Harrison County Sheriff's Department Training Academy	The learning County Denth's Department Training Academy is a full-service training academy that offen basic certification and alawneed ourse in communication, corrections and law enforcement. The academy is a collocative partership between the Harring County Denth's Department and Harbiassign (Cara Community Collars). The instructory pool of the Academy is comprised and practitioners; ensuing attendes receiver and, partial Training. The current pool acadet come from the private and pable sectors served throughout the entry the State of Maxiaspin. The Academy too trans and genome address that are entry fuel and catest come from the private and pable sectors served throughout the entry that and catest are and to a trans entry account charts and are entry fuel and the entry is and information and and entry is and information and and entry is and information and pathet sectors and and entry of the information and pathet sectors and the entry is and information and entry is and information and entry of the information and entry is and entry entry is and entry	Harrison	Yes No	Yes	90 1	lo Yes	No	No No	\$ 5,000,000.00 \$	
Workforce \$720 Development	10/16/2017	MDMR Remote Setting Facility	The opter industry is an integral part of the Missiappi Grast &"L economy, its bisiny and is culture. The opter industry has alfered grastly because of general natural and man-made distants sizes (20, 20, 20, 20, 20, 20, 20, 20, 20, 20,	nuffision	Ve	NG			765	NO 10	\$ 9,360,000 00 5	

	Workforce	5751	10/19/201	USM Ocean Engineering and Unmanned	Statement of Need: The State of Mississippi has made extraordinary investments in its marine science and education enterprise around the Port of Gulfport. The acquisition of the research vessel Point	Harrison	Yes	No	Yes	SO Yes	Yes	No	No	No	\$ 2,400,000,00	¢ .
c	Development			Maritime Systems at the Port of Gulfport	Sur was possible with support at the Port, and future growth of the maritime &C Bluek C** Economy will be fostered by academic research and education activities at the Port. The investments will yield results in economic and workforce development and emerging Unmanned Maritime Systems used by the US Navy, other federal agencies and industry.											Ť
					Satement of Work. The USM https://doi.org/10.1000/000000000000000000000000000000											
					Financial Request:											
					Engineering/fabrication equipment (\$1.170.000) Transport which/ef/lifric capacy (\$500.000) Warehousing (interucture (\$10.000)											
					Warehousing intrastructure (500,000) Facility staff machinist start up (5200,000) Small boats shoe (55,000)											
					aman dowa swoj (27,5,00) Furniching: (\$130,000) Information/teaching technology (\$225,000)											
					Information/reaching technology (5225,000) Total Request: 52,400,000											
	Workforce	5763	2/19/2018	Unmanned Maritime Systems Technology	Mississippi Guif Coast Community College (MGCCC) seeks to work with interested partners in the development and implementation of an Unmanned Maritime Systems Technology Program to	Jackson	Yes	No	No	Yes	Yes	No	No	No	\$ 4.663.914.00	s -
1	Development			Program	support businesses and inductive that directly support the unique environmental and ecosystem structures of the costal geography and the Northern Guid of Honkors. The program will be located in abscance county, Missingko on the Autoos Costru Campus (C) of Moleca and Will Complement the existing careers on compas, stahing local maritime diverses and updated as directed by carrent costal efforts associated with unnanned maritime systems, include of the work of the Geometrade". Costra Maria Costra diverses and updated as directed by carrent costal efforts associated with unnanned maritime systems, include of the stand of the Geometrade". Costra Maria Costra diverses and updated as directed by carrent costal efforts associated with unnanned maritime systems, include of the stand of the Geometrade". Costra Maria Costra diverses and updated as directed by carrent costal efforts associated with unnanned maritime systems, include of the stand of the Geometrade". Costra Maria Costra diverses and updated as directed by carrent costal efforts associated with unnanned maritime systems, include of the stand of the Geometrade". Costra Maria Costra diverses and the statest diverses and the state of the statest diverses and the state of the statest diverses and the state of the											
					AGCCCCFF submanced Markines Systems Technology Program will be a technolic decistation gragem that will provide students with the opportunely to beccure the or extra employed in a growing inductry. Information provide by the back center on biolationals, operanneas and Competitiveness indicates that the inductry in its 51556 million debindary. The program will cent a 1128 manually because the center of the program. Courses will focus on systems IT, systems maintenances, systems operations, ystems exercising systems (see the center of the program. Courses will focus on systems IT, systems maintenances, systems operations, ystems exercising, systems maintenances, systems operations, systems exercising systems. The program of the program. Courses will focus on systems IT, systems maintenances, systems operations, ystems exercising systems and the observations and the systems of the program. Courses will focus on systems IT, systems maintenances, systems operations, ystems exercising systems and the observations and will be systems operations. The program courses will focus on systems IT, systems maintenances, systems operations, ystems maintenances, systems operations, ystems manufactures, systems maintenances, systems operations, systems exercising systems and the observations and the systems operations. The program courses will focus on ystems IT, systems maintenances, systems operations, systems and systems and the observations and the observations and the systems and the systems and the systems and the observations and the systems and the observations and the systems and the observations and the systems and the systems and the systems and the observations and the systems											
					The program location will be on the college&C*S Jackson County Campus (JC). The campus is located in Gautier, Mississippi; logistically accessible from both Interstate 10 and Highway 90. The location makes it feasible for on site programs to serve MississippiäC*s coast and the region beyond. Programmatically, the campus is home to academic transfer programs, workforce training programs,											
					career, and technical programs. Programs such as programs in electronics, intrumentation and controls, systems based electronics, and automation are complimentary programs to an Unmanned Maritime Systems Technology program. Additionally, IC is home to the college&C ^{**} Estuarine Education Certer (EEC); a 40+ acre development along Mary Walker Bayou which grants water access to											
					the Pascagoula River, the accompanying estuary systems and the Gulf of Mexico. Within the EEC are facilities offering classrooms, science labs, and industrial facilities that can/will house equipment for the operation of an Unmanned Systems program.											
					The timeframe for development and sustainability attainment will be a period of 5 year, with year one being the development period and years 2 & 5 being instructional years. It is anticipated that at the end of the 5-year period that the program will be sustainable within the college.											
					Objective 1: Development of an Unmanned Maritime Systems Technology program at MGCCCAE ^{CMS} Jackson County Campus. Activities will include seeking accreditation for the new program, hiring of program personnel, development of curriculum, development of an industry-specific recruitment and admissions plan and identification of an advisory committee. Outcomes of these activities are											
					approval and accreditation to begin the Unmanned Maritime Systems Technology program, program curriculum specific to this industry, a recruitment plan developed, the admissions processes established and the training location identified.											
					Objective 2: Implementation of an Unmanned Maritime Systems Technology program. Activities for the Implementation objective of the Unmanned Maritime Systems Technology program will											\$ 50.000.00
	Workforce Development	5765	2/25/2018	Mississippi Oyster Shell Recycling Program	The Missiogle Commercial Fisheries United, inc. proposes for funding an oyster shall recycling program that engages Missiogle retationants, opter processors, and the general public to estabilish encycling program Missionidis free or yester beliavious, training, and proof Educations to receiving endowed missionido opter shells, obsta-estilia and the general public to estabilish restoration but due to their limited supply has been used minimaly in recent restoration efforts. Alternative cultch materials have thus the proven to be largely ineffective at restoring oyster reeds in the Missiogle Source (Source 1) and the Missiogle Source 1)	George,Harrison,	: Yes	Yes	Yes	Yes	No	Yes	Yes	No	\$ 300,000.00	\$ 50,000.00
					Funds for this project would include the procurement and management for necessary collection materials, transportation vehicles, employees, land for shell staging, and heavy equipment for shell sanitation. Similar successful projects have been implemented in other fault states such as / Adama, Louisana, and Teax. The Minisupp Commercial Faberies United, Inc. Handbed a successful pilot outer than flexing from 1000 that focus on collecting operativelities at a local adom devive, nearly 2000 the other shells were collected in one day. A detailed project proposal and estimated project budget for the proposed Mississpil Oyder Shell Recycling Program included as an attachment.											
N C	Workforce Development	5766	2/25/2018	Reef Fish Community Permit/ Quota Bank	The Mississippi Commercial Fisheries United, Inc. proposes for funding a Mississippi Reef Fish Community Permit/Quota Bank. Mississippi is the most under served state in the commercial Guif reef fish fishery. Mississippi has the least amount of Guif reef fish permit holders and individual fishing quota shareholders. This project would help to increase commercial access to reef fish species such as	Hancock,Stone,Ja	Yes	Yes	No	Yes	Yes	Yes	Yes	(es	\$ 1,000,000.00	\$ 50,000.00
					red snapper; a variety of grouper;; a variety of tilefish; and various other fish species that require a federal Guif reef fish permit to harvest commercially. This program would also help to reduce dead discards in the reef fish fishery by providing the needed quota to harvest fish that would otherwise have to be discarded at sea.											
					This project would greatly benefit Missispipale*s coastal economy by increasing access and landings for several species of reef flah. Missispipal commercial fishermen, seafood dealers, seafood markets, and restaurants would all benefit from this project. Smills programs have been implemented across the Nation to provide community protections for limited access commercial fisheries. Voit avvoc.acchinesce to beam more obsequence about provide community of seafood industry members is greatly needed due to the severe decline in reenues generated from the local system and sub-about the BP of spill.											
	Workforce Development	5767	2/25/2018	Seafood Traceability and Tagging Program	The Mississipal Commercial Flaheries United, Inc. proposes for funding a Mississippi Seafood Traceability and Tagging Program. This program would provide an electronic platform (i.e.; umart phone, table, and computer) and physical tag for commercial tablement to improve donatic seabod traceability and helps to elimitate flands. The need for this program arises from the providence of Taglia durroported seabodical left hut indexernit host and legt astrobic barveters and butivesses.	Hancock,Jackson,	H Yes	No	No	Yes	Yes	Yes	Yes	(es	\$ 1,000,000.00	\$ 50,000.00
					This pragram would provide electronic reporting and tagging capabilities for commercially havested marine species such as specified trust, red fish, flounder, shrimp, blue cubs, and oysters. Similar pragrams have been implemented in fished fiberies with great success. In addition to eliminate fisual in the local sedood marketplace; this program would approve to ensetsative yought additional programs would provide electronic market and the local sedood marketplace; this program would approve to ensetsative yought additional programs would provide a physical tags. Funds would also be trequired to employ managers of the program and conduct outreach to fibermen. An incentive base program is suggested to encource particulation in the program. And incentive base program suggested to encource particulation in the program.											
N C	Workforce Development	5768	2/25/2018	Off-Bottom Oyster Aquaculture Advancement & Investment Program	The Missiagi Commercial Fisheria Usited, the proposed for funding a Missiagi Off-Botton Optier Aquaculture Advacement & Investment Program. Off-Bottom optier aquaculture has been proven succesful in nurmonding states and a sucremity pending permit approval in Advacation and a program work help existing a sucremity pending permit approval in Missiagi permit and and the sucremit pending permit of Hostimo system farmers and investment capital to help jump start the eff Sottom oyster aquaculture industry in Missiagip. The program work day be to increase Missiagi overall oyster production and provide dimute to Missiagiped ⁴⁴ costatt economic systems and the sucremit of the sucremit and the sucremit and the sucremit of the sucremit approximation and provide dimute to Missiagiped ⁴⁴ costatt economic systems and approximation and permit and the sucremit and the sucremit approximation and provide dimute to Missiagiped ⁴⁴ costatt economic systems and the sucremit approximation and permits and the sucremit approximation and provide dimute to Missiagiped ⁴⁴ costatt economic approximation and permits and the sucremit approximation and permits and the sucremits and the sucrement and the sucremits and the sucremits and the sucremits and the sucremits	Hancock,Jackson,	Yes	Yes	No	Yes	Yes	Yes	Yes	(es	\$ 10,000,000.00	\$ -
					Currently, obtaining sufficient investment capital is a barrier to entry in the off-bottom cyster squaculture industry. Preliminary estimates place the cost of entry into the industry at about \$50,000 per acre. The program proposed would give traditional cyster harvesten and cyster industry members priority to acces funds that could be used to establish private off-bottom cyster farms.											
	Workforce Development	5771	2/25/2018	Shrimp Industry Task Force (Advisory Panel)	The Mississippi Commercial Fisheries United, Inc. proposes funding for the establishment of a Mississippi Shrimp Industry Task Force. The purpose of the task force (advisory panel) is to engage stakeholders throughout the shrimp industry to bring forth ideas and recommendations to implement sustainability projects and management measures. Mississippi currently does not have a shrimp	Hancock,Jackson,	F Yes	Yes	Yes	Yes	Yes	Yes	Yes	(es	\$ 250,000.00	\$.
					industry task force. The task force would not have any regulatory power and would only be able to provide recommendations to the proper state and/or federal governing bodies.											
					This program request funds to conduct meeting, outrach, and procure certain equipment necessary to fulfill the objectives of the task force. Funds would be used to secure meeting venues, appoint and compensate task force members for time contributions; purchase technological equipment to record and broadcast meetings; and conduct outrach to the shrimp industry and local community.											
						l										

I												_		
Workforce Development	5777	4/10/2018 Sustain American shrimp processing industry with strategic investments	The U.S. Shrimp processing industry is located in the five Gulf States region. While processors are shrinking in number, Mississippi4C*'s six processors have increased their share of the domestic shrimp processing market, processing approximately 30 million pounds of shrimp each year compared to Mississippi4C*'s 6 million pound annual catch.	Harrison, Jackson	Yes	io Yes	Ŷ	es Ni	o ¥	es Ye	s No		\$ 2,400,000.00	\$ 240,000.00
			Processors are the oracle first in in the upply claim that delivers fullements/ffs. havenets to the U.S. market through real distribution, food suppliers and extrainers. String processes (Maintapp Maintapp Maintappp Maintapp Maintappp Maintappp Maintapp Maintapp M											
			stagnant / shrinking national industry demonstrates that with strategic investment in innovation, growth has occurred and can continue in the future. For more than a decade, Americans have consumed more thriming than any other type of addiod, and the amount of shriming that Americans are consuming continues to rise. In fact, in 2017, America de an average of 44 younds of thirming person, compared to 41 younds in 100% per explored in set any other per calse consumption in 1990.	15										
			and an energy or we provide a processing and provide the provide and provide a											
			of a higher price through every level of the supply chain, including fisherman. The chailenges:											
			Massingle wild caught shring are harvested from the Gulf water, not Starstade to order LETherefore, pupply is Instet. The lar of upply and demait would likely have driven wild caught shring prices higher, a free the regult and international augusculture and the marketing, informative and distance that upports. It. Bed context shring industry, which is the stackone of the Gulf Con- taction and the starst starstars and the starst starstars and the starst starstars and the starst starstars and the starst starstarstarstars and the starst starstarstarstarstarstarst starstarstarstarstarstarstarst starstarstarstarstarstarstarstarstarstar	it.										
Workforce	5780	5/21/2018 Ocean Springs High School Aquaculture	Disastes, both natural and manneds, wranked haves on the industry, fine with startun in 2005, and then the Brol spill in 2010. First Satria wijed out supply chains, and as the industry framewith startun in 2005, and then the Brol spill in 2010. First Satria wijed out supply chains, and as the industry the spin to nearer its working waterfronts and infrastructures. The Deepwater Horizon targetly sent the industry reeling while questions regarding the safety of Guilf fiberies were investigated and resolved. This project will be based on the addition of built questions at 20 cms Sping High school. By adding these new greenhouses. Coans Sping High School (SMS) will be able to increase.	a laskron	Yer	for Yor	17 8	- ×		nr Nr	No		\$ 290.000.00	¢ .
Development	5700	Expansion	The project is for known to be assumed using exploying spectra and the spectra of	nt				Ĭ					5 130,000.00	
			The statistical sectors in statistical case of statistical systems present inters subtracts and the statistical sectors in statistical systems and statistical sectors in statistical sectors and stat	in is										
Workforce Development	5795	7/20/2018 Urban Natural Resource Job Training	The MS Urban Forest Council developed a project in 1995 with EPA, creating a program to help people learn about careers in the green industry and provide job training opportunities in regard to natural resources such as landscaping, trees, food plants, growing food, land maintenance, cut flowers, and other "green jobs." The program was called 'Ribbons of Green Career and Job Training.'		Yes	io <mark>Yes</mark>	Y	es Ye	25 N	0	s Yes		\$ 323,000.00	\$ 75,000.00
			We are proposing this project to assist in restoring the MS Gulf Coast from injury of natural resources but also to provided valuable job training and career development. Many people are not aware the many opportunities working with natural resources.	of										
			Natural Resource Job Training and Small Business Incubator											
			The project will include job training in the dassroom and training on sites. Site for training will be identified based on topic of training, location of participants and relative to the topics. This community garden and farming space is the perfect location for a job training and small business incubator center. Not only will this project provide real-time economic opportunities to the											
			trainees; it will also help develop and revive the surrounding communities, while rebuilding and growing the green industry along the MS Gulf coast.											
			This project would create training programs that satisfy needs of employers in the state. The following programs would be implemented: Job training and certification as a trained individual would be provided for each of these topics. Individuals participating will complete the whole											
			training program. Trainers will provided assistance in obtaining jobs in these areas of service or be trained to develop their own company to provide these service areas.											
			a.Wegetable growing and harvesting b.Wursery training (growing seedings & fuit tree propagation) c.Eut flower growing, harvesting											
			d. Landscape gurdening e. Arborist * Vant Malarenane											
			2.Walue-added processing											
Workforce Development	5852	9/10/2018 Mississippi Coastal Improvement Program (McCIP) Deer Island Ecosystem Restoration Program	Scope of Work: This Project will complement the existing Federal retactation projects, at there taken day minimising the fracturing of diversity and creation of a additional 400 acres of highly productive wettaken, beach and dure and mutilities fronts tablics: The model instrument of the content and a scattern shortless of the tablics, and new store training dates to prevent future ensiste. Project will also retare emergent castal idal markit, retare vial nodal contections of mark/returnine hattat for G10 surgeon (Intreatened species) feeding and nursure, use wells a feeding hypotected migratory operator burgers, project will also for a protein table and and and the store of the project mark of the store of the project will also folly resource barrier barrier tables and tables and the store barrier barr	Harrison	Yes	fes Yes	v	es Ni	o Y	es No	yes		\$ 25.00	\$ 431,000.00
			background and Cost A feasibility study was completed for September 2009. The recommended ford project, estimated to cost 025,550,000 with an estimated Federal cost of 516,720,000 and an estimated non-federal cost of 5501,000. Utility amount, \$1,231,000 is estimated to be needed to complete FED (design phase element.) with an estimated Federal cost of 5600,000 and an estimated non-Federal cost of 5411,000.											
			Funding Status: This project is currently unfunded. The next potential charace for funding will be from the FY 20 (October 2019) budget. Ahead of this, local non-Federal Sponsor support via a Letter Intent will be needed. Would like to further discuss the LOI with you going forward.	of										
Workforce Development	5855	10/25/2018 William Carey University College of Osteopathic Medicine at Tradition	William Carry University is a private, one profit eviewshy with an in-depth Matry in the State of Missiongh dating back to 1982. William Carry University Mission Carry Loneothy Matry Devices pully education program, which challenge the individual atudent to exit sholtaniha, leadership, and anvice in a diverse global society. William Carry Loneothy Nacampus backtonis in Hatteeburg MS, the Tradition Medical of in Irradition, Mission Bank Daugu, LA William Carry Isa avait at the short of the Isability College of Hatteeburg MS, the Tradition Medical College of External Resistance and the Isability of the Isability College of Hatteeburg MS, the Tradition Medical College of College of Hatteeburg College Of Hatteeburg College Of Hatteeburg MS, the Tradition Medical College of Hatteeburg College Of Hatteeburg College Of Hatteeburg College Of Hatteeburg AMS, the Tradition Medical College Of Hatteeburg College Of Hatteeburg College Of Hatteeburg College Of Hatteeburg MS, the Tradition Medical College Of Hatteeburg AMS, the Tradition Medical College Of Hatteeburg College Of Hatteeburg College Of Hatteeburg College Of Hatteeburg AMS, the Tradition Hatteeburg College Of Hatteeburg AMS, the Tradition Hatteeburg College Of Hatteeburg College Of Hatteeburg College Of Hatteeburg AMS, the Tradition Hatteeburg College Of Hatteeburg AMS, the Tradition Hatteeburg College Of Hatteeburg AMS, the Tradition Hatteeburg College Of Hatteeburg	al Harrison	Yes	No Yes	83 Y	es Ye	es N	o No	No		\$ 60,000,000.00	\$-
			William Coregic® Tradition Campus, which opened in the field of 2000, offers majors and husiness administration, dementary deducation, braith related proteins, nursing and psychology. The University has receiving mached significant indications with its School of Mammap(4 ⁺) consider domatication and its insugarial calcia of 21 values administration, questing to the significant and 21 values administration of Mammap(4 ⁺) consideration and the creation of A have given that the provider advantum with the insurged school and the significant and the significant and 21 values administration calculates that the provider advantum with the husing and significant to exercis an annihous free period provider school of Pharmapy's determined to make a difference in the lives of those who unifer from health issues such as diabetes, obesity, drug and tobacco addetion and asthma.	12										
			In the spring of 2018, Southern Mixinsigni Planning and Development District commissioned Ackin, Jaffr, and Moore Economics and The University of Statulant Mulsingip to a shuft the economics of the statulant of	ic Y										
			medical discustors while creating an economic development and pilo creation regime for the regions and the state. As the final institution of higher barrings to calculate in the Tartistic Marked CPA, William Corett, Marked Mar	b,										
			Following the success of their School of Pharmacy, William Carey is planning to expand their medical offerings by opening an additional College of Osteopathic Medicine at the Tradition Campus. The development of the new College of Osteopathic Medicine at Tradition will allow for an enhanced partnership with NDOR and their efforts to reduce diabetes and obesity in the State of Missission J.	s										
Workforce	5861	11/14/2018 Billoxi Career and Workforce Training	found in the attached economic impact study, in 2016 over 371,622 Minksippians suffered from diabetes (over 15.4% of the state population). With nearly 1 in 6 Minksippians affected by diabetes, The Billox Career and Workforz Training (RCWT) program evived from an economic security grant funded by W.K. K Robgs Foundation and awared through Estat Billox Community Collaborative.	/e Harrison	Yes	io No	Y	es Yo	25 N	o No	No		\$ 30,000.00	\$ 3,500.00
Development			complete a Career Readiness course prior to advancing to Electrical and General Construction. The career readiness curriculum includes training specific to financial awareness, basic computer skills, resume writing, interviewing techniques and credit reporting. OMS Knights of Peter Claver, Council 25 provides a weekly electrical class which is held each Thursday for 10 weeks. The goal of the											
			electrical training is to abance participants to Helper/Approximate level. The electrical curriculum content is presented from XCCE Blechrical: Level 1. Curriculum content of 20% a lefe; construction and the help electrical: Level 1. Curriculum content of 20% and electrical training is to abance participants. Below from XCCE Blechrical: Level 1. Curriculum content of 20% and electrical training electrical. Elevel 1. Curriculum content of 20% and electrical training elevel training elevel training elevel training is to abance participants to Helper/Apprentice level. Beneral construction training is to abance participants to Helper/Apprentice level. Beneral construction training elevel training is to abance participants to Helper/Apprentice level. Beneral construction training entered from KCCS construction. Training elevel training is to abance participants to Helper/Apprentice level. Beneral construction training elevel training	1										
			participants or negory apprimerence even. The general a consolution maximum contents apprecision from received one contraction and the second of the second											
	1 1													

	Workforce Development	5864	12/14/2018	Pearl River County Open Broadband Fiber Internet	Objective-: Fear New County Open Routband Fiber Internet is an exploration of the economics and methods of providing open access high-speed toxadbands the Internet access to all of the county. Open access provides the Rompolity finitarituum wile provided to the customers survice providers to service their customers. Theregits infrastructure installations are essentially infinitely wide thus only the electronic limit the speed provided to the customers tenvice providers to service their customers. Theregits infrastructure installations are essentially advantage to the service of the service of the service of the customers. The service of the service tenvice of the service tenvice of the service method. The tenvice is little to no competition for affordable high-speed internet in the country if it is available at all. What is available is either low speed or unaffordable for the majority of the residents. Benedicated in storing product. It is evaluable at all what is available at all. What is available is either low speed or transfordable for the majority of the residents. Benedicated in storing product, it is evaluable at all residents suffer. Much its forms the product by transfordable for the majority of the residents. Benedicated in storing product, it is evaluable at all residents suffer. Much its forms the product by transfordable for the majority of the residents. Benedicated in the service of the tence is the service that do on integrit on the tence in displants business and resident suffer. Benedicate are suffer down and generation therefore will be are any significant business and resident suffer. Benedicate and the service are suffer down and internet will be an one and generation therefore will be an endicated and the service are suffer. Benedicate are suffer the business and resident suffer down and generation therefore will be are assigned to be adding and the service are suffer. Benedicate are sufficient and therefore and the service are suffer to an adding method and the are assigned to	Pearl River County	Yes I	No Ye	5	Yes	Yes	No	Yes	No Since	this \$ 500,01	0.00 \$	-
					Assertiss: Benefits include encouraging economic development, increasing access to education, and improving the quality of life. Many of the benefits are indirect, or splitover effects in economic terms. Lower prices for telecommunications services mean more money in household and business budgets, and nev joba and business opasitions mean increased tar revenue for local government these benefits to the community read into an educe to hort the private companies in the spectrum and XTAT busines to invest that these. This apprication the split terms to be examined to be examined to a service that the private companies in the spectrum and XTAT busines to invest that the set. This apprication that the local term that the	5											
					Achietes 44" Grant finds will be used for forming a beard of directors, consulting with the various advocacy organizations, obtaining legal advice, attending trade shows to evaluate vendors, providin accounting, and various ancillary organizations. Determines the structure of the various advocacy organizations, advocacy organizational Bearderd Outcomes 44" The business plan will be the ultimate goal of this project. It will determine the budget, sources for funding, methods and routes for fiber installation, and organizational Bearderd Outcomes 44" The business plan will be the ultimate goal of this project. It will determine the budget, sources for funding, methods and routes for fiber installation, and organizational Bearderd Outcomes.	8											
					structure. The expectation is that the recent population increase will eventually be accelerated due to the economic benefits of attracting jobs due to the affordable high-speed internet availability.												
	Workforce Development	5870	2/11/2019	Gigabit Gulf Coast and High-Tech Workforce	Massiage due" Ceast Community College proposes the Glight Guil Ceast and High-Tech Workfore project which will include the deployment, physical installation and connection of a Glight Guil Ceast fiber instructive tailormation terms that he Ceastal ^{Ce} subjects the each and requirements. In addition, MECC Deposes is construct a Centre of Exclusions and Green high-tech vorkforce training to include Opensecutive, Ceast, and High-Tech Workfore and Witzal Reality. Mississippi Guil Ceast Community College (MICCCC) can play a unique role in helping to unify the disparate mities on the ceast tax company the test tails.	Harrison	Yes	No Ye	s	15 Yes	Yes	No	No	No	\$ 26,000,00	0.00 S	
					The broadbaud infrastructure of Moussigni bus legity here in the hands of gata businesses with agenda that may not align with the interest of businesses, so cleans of the businesses with agenda that may not align with the interest of businesses, the statement of the businesses with agenda that may not align with the interest of businesses, and cleanses that and the may not align with align state align business that can be allowed and the high speed interest and statements with agend business that may not align with align statement and interest business that may align business that any align with a statement of the business that may not align with a statement of the business that may align with the business that can take that align agent may align with the business that can take that align agent align agent may align with the business that can take that align agent align agent may align with the business that can take that align agent align agent agent align agent align agent												
					a hadrancement to encourage innovations and protect business, cognitations, and other Loss region. In wood or impose to to true a suggest to business interactions and protect business, cognitations, and other Loss region. In wood or impose to to true a suggest to business interactions and protect business, cognitations, and other Loss region. In wood or impose to to true a suggest to business, and and and the suggest protecting and an and the suggest protecting and an antice of the first and the suggest protecting and an antices, education entities, and commercial and exact the most angent and intervice demand. There artiply all most business, and are entry. Another the suggest protecting and an antices exact protecting and an antices and protecting and an antices and protecting and an antices exact to induct and protecting and antices and protecting and anting and antices and protecting and anti												
					Olderetve 2: A Center of Excellence for Advanced Technology will be located on the kelferson Davis Campus which will house cutting edge high tech training programs and be teet to a world-class Sacily to opaciment with technology and offer online programs to students around the globe. Activities will include the construction of the center, equipping the center with high-tech instructions expuriment and himing of instructors.												
					Objective 3: Four programs will be developed and implemented to include Cybersecurity, Coding, Artificial Intelligence and Virtual Reality/Augmented Reality. Descriptions of these programs follow.												
	Workforce Development	5777	4/10/2018	Sustain American shrimp processing industry with strategic investments	The U.S. Shrinp processing industry is located in the five Giff States region. While processors are shrinking in number, Musicajopf's upprocessors have increased that share of the domestic shrinp, processing market, processing approximately 30 million pounds of shrinp each year compared to Missisajopf's of million pound annual catch, a runcial part of the Biue Economy, both economically an andromentally.	Harrison,Jackson	Yes	No Ye	s	Yes	No	Yes	Yes	No	\$ 8,400,0	0.00 \$ 8,400,0	00.00
					Accessors are the crucial first link in the supply claim that delivers fultermen's havests to the U.S. market through reall distribution, food supplies and resumms. Shrine processed in Musicippl here s 100 million was when separet from Musicippl chaim, a significant use added industry, while impact to mest the eff Musicippl provide 2.000 pills to the state of Musicippl, directly and information. Also directly statubated to processing the apost. Scattrine high in 2015, more than 100 Musicippl and at state shrineling bits has functioned and and with the number of Musicippl researching bits has functed and interest. Just directly and added that the Musicippl and a supplication of the state of Musicippl and at state shrineling bits has functed and and, while the number of Musicippl researching bits has functed and state at state field. The state at state state is the state at and the state at state of Musicippl bits has functed and the state the periods. Also the end to the Musicippl researching bits has functed at state at state field. The state at attracket, has the backet the autional trends, proving when the U.S. number of processing bits win decline. Musicippl researching bits and functed in the state of the state attractive has the aution of the state of the state of the state of the state attractive has the												
					Ler more than a decade, Americans have consumed more shimp than any other type of saddood, and the amount of shimp that harwicans are consuming contrast in face, its 2017, American are an average of 4.4 points of shimp per person, compared to 4.1 points in 2008. And 4.1 points of thimp per person is nearly twice the per-capita consumption in 1990. Wild shimp harweiting and processing are sheftings inductives of the Massingbi Gulf Cassi, Lenstricably tied to our past, but that can be preserved and sustained for the Mussingbi Gulf Cassi.	15											
					strategic investments. Mississippir sis processors have demonstrated resilience and innovation in the face of challenges. To capitalize on this opportunity, the industry and individual businesses with it must achieve the premium product positioning.	n 4											
					transportation costs. The aquaciture industry also has the ability to grow products to meet expected costumer preferences and deliver those products to market in a uniform manner. Additional all of the wild capital and imported shring combined cannot meet the growing constante denivation. Foreign generatives traceparts this, and they have invested in significantly larger and more aggressive subsidies and marketing campaigns backed by multi-national corporations and orthestrated by national marketing boards.												
					Because of this, there is an acute need for help to Accentence the sidelide in An energican industry that is noted in Musicopy's cultural heritage. Having been one of the industrie most directly angested by study and mannamed distance processors are in need a partner to studin their long term investment in the future. With new funding, we seek to disrupt the market with innovativ new strategies and tacks while continuing to fund radiational marketing out of the processor' pockets.												
	Workforce Development	5876	3/4/2019	Unmanned Aircraft Systems (UAS) for Disaster Relief and Response	Missioging first reporters have a substantial energy for read-time, prioritized and on-demand aerual magary and other airborne capabilities to support natural disasters such as of splits, hurricance, floods and first. Altore imagery provides up to the minute information to support critical decisions on the allocation of response personnel, equipment and capabilities to save lives in the animediate aftermath of a disaster situation.	George,Harrison, Washington,Orle ans,Perry,Forrest, Pearl	Yes	Yes Ye	s	72% Yes	Yes	Yes	Yes	Yes	\$ 3,250,0	10.00 \$	-
					Ummaned Aircraft Spitzerni (UAB) are capable of providing high-quality, prioritized and pensitizent arisi langary for sustained periods. Today's UAS technologies can provide: Up to 12 To zhor of instimentante, high-environmentation redux quality in a single mission; On demand prioritization and re allocation of capabilities at the direction of the on scene commander; Deliver of medical supplies and support to area that are inaccessible for fit responses; a Relefform aircraw limitations due to the ability to nature crease, over the duration of a single flight; and Reduced openning crusp Flight Hour weno compared to amound and area.	River,Jackson,St Tammany,Stone, Hancock,Mobile											
					The neutrities and metaled employment of UAS to support disaster response and relief efforts provides an exponential increase in Mississippi's capability to restore services, limit damage to critical infrastructure, and to save lives.												
ew	Workforce Development	5876	4/16/2019	Unmanned Aircraft Systems (UAS) for Disaster Relief and Response	Mississippi's for reporter have a substantial need for mak-time, prioritized and on-demand aerual magary and other airborne capabilities to support natural disasters such as of split, humcanee, foods and first. Alternoritization to support critical decisions on the allocation of response personnel, equipment and capabilities to save lives in the emediate aftermath of a disaster situation.	George,Harrison, Washington,Orle ans,Perry,Forrest, Pearl	Yes	No Ye	s	72 Yes	Yes	Yes	Yes	Yes	\$ 3,250,0	0.00 \$	-
					Unmanned Ancord Spicern (UMS are capable of providing high-guality, prioritized and parcialism and an parcialism and provides. Today's UAS technologies can provide: 9 Up to 12 Name, to institute the spice of the	River,Jackson,St Tammany,Stone, Hancock,Mobile											
					The routine and employment of UAS to support disaster response and relief efforts provides an exponential increase in Mississippi's capability to restore services, limit damage to critical infrastructure, and to save lives.												
										-		_	_				

New	Workforce Development	5878	4/37/2019 Bilosi Upstream and Downstream Storm Water Education and Community-Engaged Green Infrastructure	The people that live, work and visit the Block peninsula are all within a few hundred yords of the Block Back Bay or the Musicippi Sound and their actions have immediate impacts on the environment backause all the stormwater runs in manine water either effective of youry of one of several bayous leading to the Block Bay. In Bay Tee years must of the testers and the storm draining registers and of barr morely down water. What I mere the controlstion water field the impacted the mutual waterway due to increased all running into the bayous finding the segure Block Bay Tee Pening and the controlstion water the controlstion water that enters the storm draining registers. The common and controls the bayous finding the common and your gene find the testers the storm draining registers. The common and controls water water that must register the controlstion water that enters the storm draining system with fiber related activities: Environment elocation with Block Bayou Ba	Harrison	Yes	Yes Yes	60	Yes	Yes	No	No	No	\$	2,080,000.00	ş -	
New	Workforce Development	5879	4/17/2019 KHSA Assault Landing Strip 4/17/2019 Guilf Coast Mitigation Credit Program	The 6000 XM concrete Assalt Landing thrip (LL) will be constructed adjacent to the Argonis newsy and provides needed training to local and trainetion USM (Barly forces. The ALS supports Keeler AF Force Barls 2400 Tactical adjive (BLS) that calculadity Signation and Sith Humaniae Natures Nature	Hancock	Yes	No Yes	100	Yes	No	No	No	Yes	\$	7,627,318.00		
New	Development	5880	4/17/2019 Gulf Coast Mitigation Credit Program	Wetlands mitigation costs have historically been identified as a hinderance to economic development throughout the Missioupoi Guil Coat Region. MMUD backs to secure a pool of readily-available wetlands mitigation credits from private sector mitigation bank inventory for use on qualified, Corsp permitted projects, leveraging volume purchasing power to deliver significantly discounted credits and facilitate economic development efforts. Using the requested funding to 'buy down't the price of available credits will accelerate mitigation readil availability, and substantially decrease	Hancock,Jackson Harrison,	, Yes	No No		Yes	No	No	No	No	Ş	1,500,000.00	\$ 500,000.00	
New	Workforce Development	5881	4/37/2019 Harbor Expansion Parking Area	mitigation cost which have being waved as barren to potential projects. Many the Scalardine's dependence of the Scalardine's second se	Harrison	Yes	No Yes	75	Yes	Yes	Yes	No	Yes	s	2,000,000.00	\$ -	
New	Workforce Development	5882	4/17/2019 On-Site Animal Holding and Facility Operations Building	Development of on-site facilities at Musicapit Aquarian to house ambasador anima celection that the aquarium uses for educational outraces both at the equium and at schools throughout the state. The facility use loring our on-site similar houlding of terminer capacity (ac cele from earning on asis and provide space from instrances shops to haddre educities of provide space from the statement of the provide space from the statement of the provide space from the statement of the	Harrison	Yes	No Yes		Yes	Yes	No	No	Yes	s	1,750,000.00	\$-	
New	Workforce Development	5885	5/7/2019 Development of	The AKC will built the body of knowledge around the grouping One Health movement, a caliblacate effor of multiple health science professionals AK reterring medicine, human medicine, interdiscipling approach, can help protect present and future generation. Der link before and public health AKC of one emerging factors discuss have been execution, the sequence and the interdiscipling the connection between health and the environment, this interdiscipling approach, can help protect present and future generation. Der link before and and environmental health is critical to cur factors, per monthly of the one has been focused on treated from animals to human. Resenth that fuddles add and the environmental health is critical to cur factors, per much of the work is this area has been focused on treated in groups. By optioning the connection between Gene the environmental health is critical to cur factors, per much of the work is this area has been focused on treated in groups. By optioning the connection between Gene the environmental health has a determined and future generations. Gene the environmental health risk of contaminated safetod, beaches and water, built could also lead to new treatments and medicines that are there are an other bound and the qualic health risks of contaminated safetod, beaches and water, built could also lead to new treatments and medicines that are marine based. This again will provide opportunities to period with thisks of contaminated safetod, beaches and water, built could also lead to new treatments and medicines that are marine based. This again will provide opportunities to period the soft the research floated on the treatments and medicines that are marine based. This again will provide opportunities to period with thisks of contaminated safetod, beaches and water, built could also lead to new treatments and medicines that are marine based. This again will provide opportunities to period with this floated opportunities at the high school level.	Harrison	Υes	No Yes		Yes	Yes	No	No	Yes	S	2,500,000.00	5 -	
New	Workforce Development	5896	& BILOXI BAY	I HAVE A NEW CONCEPT FOR THE DESIGN AND CONSTRUCTION OF HURIECANE STOMM SUBGE BARRIEST, MARRIEST HAT ARE SPECIFICALLY DESIGNED FOR UNIQUE BAY MOUTHS. I HAVE THE APPROVAL OF THE CONCEPTS OF CLASS TANGENE, WHO IS THE LEGAN ANTERCOMMENT STATEMENT ROTE HUSING TO LIVE US ANANY CONSE OF REMEREST, AND HAS SEES FOR THE MAYS TO THE APPLY TO THAN HIS HOME THE SIGNA RATE, STATEMENT, AND THE AND THE SIGNA STATEMENT ROTE HUSING TO LIVE ANANY CONSE OF REMEREST, AND HAS SEES FOR THE MAYS TO THAN A HIS HOME THE SIGNA RATE SIGNA RATE AND THE SIGNA STATEMENT RATE HIS HIS HOME TO LIVE ANANY CONSE OF REMEREST, AND HAS DESIGNATED AND HERE AND HIS HIS HAS TO HIS SIGNARY AND HERE HAS DESIGNATED AND HERE AND HARD HIDE HAND HERE AND HARD HARD HARD HARD HARD HARD HARD HAR	HARRISON, JACKSON, HANCOCK	Yes	No Yes		Yes	Yes	Yes	Yes		COMPLET \$ E PROTECTI DN FROM STORM SURGE	100.00	\$ -	
New	Werkforce Development	5897	1/24/2020 Walter Anderson Museum of Art Creative Complex	The Valke Adversa Musuum of At reguests 51,54,200 or Have 2.4 of the Create Complex, a compare equation for castal discovery and innovation, pairly access, and quality of life empowered by immunition in the nutural works, casming and the complex feel of interior advector spaces and pairly gradem, will be a control of Advance and	Jackson		No Yes	20	Yes	fes	No	Yes	Ϋ́α	\$	2,500,000.00	900,000.00	
New	Workforce Development	5900	4/30/2020 TYR Resolution	Transitional housing for veterants to assist in adulting the return to being a productive citizer. Purchase property to house up to Veterans coming on 6 from grapman within the Biol odi Cast Veterans Nearth Cass System (XA housing). Where the type a coming of the PSD3, Advances of the organ enhances in the proved a place for tempory housing of HLMD, VAR and performs housing entities a drug trafficking location or a similar non-healthy recovery location. Currently, several g back on the homelesness are drum to being a production to scately. The facility would provide the XA hour management, tempory and heart in a clean environment, provide for add normality and the similar and the main spectra and the similar and the simila	Harrison	Yes	No Yes	35	Yes	No	No	Yes	No	\$	1,500,000.00	\$ 27,000.00	0 Land Acquisiti on

Almus	Workforce	5046	11/25/2020 Gulf Coast CSET Tech Fusion - Advanced	In the new Millenia, the evolution of digital technologies has radically changed the way we live and work. This revolution has also changed the demands that citizens, businesses, and other	Harrison	V 100	-	N-	Max	Ver	Ma	Ver	-	6	7.000.000.00	5 3 000 000 00
New	Development	5946	11/25/2020 Guilt Coast CSET Tech Fusion - Advanced Technology Training for the 21st Century	In the new Means, the evolution of adjust technologies has indically charged the way we live and work. This revolution has also charged the demands that closes, such adjust approximation have practice on the digital schedules, however, the Musabian guil Class these asserts lack of whit strates. You for the Human will force on selenging and it works for the evolution of the schedules of the distribution of the dist	Harrison	Yes No	•	No	Yes	Yes	No	Yes	10	5	7,000,000.00	5 3,000,000.00
				Gui Cast Tach Yusion will provide to students requisite training in energing technologie (e.g., Opersourity, Coding, Artificial intelligence (A), Virtual Reality (VIV)Augemented Reality (A), and Simulator/Cama Deligni than codit nate in deli Cast artigon on international lador in the high-tech scctts. This spongen would provide momentum to accelerate a training in energing apportunities for business and industry to upubli lincumberts workers. For example, MCCCC is partnering with DON Reality to credit artise to excelence a training in a umberlia technologies, and it would provide support to companies to spaper and develop straining via XB. As for future proofing, a push to blerify a catter of excellence to create AB and VR training is now risker. This would allow training to continue insiget on any externit factors that areas merging meter workers and of social distribution.												
				Gulf Coast Tech Fusion will be housed in the Center for Security and Emerging Technology (CSE1) AC ⁺ further leveraging a BP Restore project (a, CSE1). The CSET building received partial funding in an earlier round of BP Restore project, so this proposal includes the request to further memider of the CSET building. Operating Tech Fusion in CSET Will provide Mixistippi Gulf Coast Community (Golger (MICCC) Will paldomin to conductive degr (Training and develop solutions for tool buildings and native). The region must these in equipment and infrastructure to facilitate this training. Hutter proof the Mixistippi Gulf Coast, and Netter mitigate unexpected distates in the future. Specific spaces within CSET Will be used for corporate taming and development, while other areas of CSEW Windows con redit instruction. It is now areas, the training need down vergence that equipment to purchastes to facilitate the training and down practice that the structure is purchaster to facilitate that the training and down practice that the structure is purchaster to facilitate that the training and down practice that the structure is purchaster to facilitate that the training and down practice that the structure is purchaster to facilitate that the training and down practice that the structure is purchaster to facilitate that that allow that allow the structure to facilitate that that allow for sametas synchronics communication with students/incumbent workers remotely. That is, the Hylies classrooms will allow tudents and incumbent workers to remotely for training.												
				MGCCC proposes a total of 57 million dollars for the Gulf Coast Tech Fusion project. Three million dollars will fund training efforts described above, and four million will help to secure the remaining funds needed to construct the CET building. It is the intent of MMCCC to utilize funding to provide Training and proved Realise facilities for the development and implementation of buildings to provide Training for the fund to the fund												
				*Eybersecurity at "The threat of hackers, malware, and social engineering could compromise or harm information assets. In order to combat this threat, MGCCC established a robust training program for cybersecurity. The program will produce a competent workforce quickly to create an ecosystem of healthy information assurance. MGCCC revitalized their curriculum to align with the National												
New	Workforce Development	5947	11/25/2020 PMVIS (Pets and Wildlife) Exploratorium		Harrison	Yes Nd	o 1	tes St) Yes	Yes	No	Yes Y	8	ş	1,123,500.00	\$ 224,700.00

Go Coast	PROJECT	PROPOSAL DATE	PROJECT NAME	DESCRIPTION	LOC_COUNTY	RESEARCH AND EDUCATION	SEAFCOD	SMALL BUSINESS	TOURISM	WORKFORCE DEVELOPMENT	ECO RE ST ORATION	IN PRASTRUCTURE COMPONENT	MIRASTRUCTURE_BUDGET_PCT	ACTECONOMICDEVELOPMENT	57MATED_COST	FUN DING_AVAILABLE	COMMENTS
Research and Education	1 7	10/18/2013	8 Restore watersheds	FEMA is making flood insurance too expensive for many waterfront properties Property owners and the environment would both be well served by purchasing those properties and returning them to their natural state resulting in a better buffer in anticipation of the next Katrina like storm.	Hancock, Harrison, Jackson	Yes	Yes	No	No	No Y	Yes	No	No		s - s		
Research an Education	1 22		8 PVRV Resorts	Solar Powered RV Resorts described in attachment. Build PV carports high enough to park motorhomes, trailers and even mobile homes in the shade. The idea is to make money from thesun and from renting recreation spaces in the shade. Same concept could be used for more permanent housing for senior citizens living in disaster resistant modular housing.	Hancock Harrison, Jackson	Yes	No	No	Yes	Yes 1	No	Yes	Yes		\$ 1.00 \$	-	
Research an Education	1 24		Coastal Biolandctor, the Mississippi Diamondback Terrapin (Malaclemys terrapin pileata)	The Massiage diamonfack terraph (Malaciemy terraph pikad) is an enturine trutte that endusively inhabits coatal bays and at marke along the Alamit on Guil of Mexico coats. It is considered a systema species that contributes to the maintenance of all marks integrits; the remain resolution of the system throughout the ringer, however, including pikad) is an enturine trutter that adversely affect terraph populations including tablet loss, not trug montality, and next predestion. In addition to these current threats, pollution from the Deepwater Horiton oil spil degraded vital sait marks highly: The provide single pice devices in a disturbed environment can provide inspit in this terration of damage to the particular species and pilary marks. Line disturbed environment can provide inspit into the excellance of damage to the particular species and pilary and an externation in the externation is marked with the externation of damage to the particular species and pilary and integrity of all marks in the externation is Mainsing pilar damage to the particular damage to the particular species and pilary and integrity of all marks. Line damage to the particular damage to the particular species and pilary an important rais in the estature habitast, it represents a circle liberation of hexing mortant pilary and marks in the species and pilary an important rais in the estature habitast. Terpresents a circle liberation of hexing mortant pilary and marks in the species and pilary and mortant and the species and pilary and the particular species on pilary and the exploration. Line given species is and balance and the pilary and the pilary and integrity of all marks in complexity. Line given species and pilar an important and the species and pilary and mortant with the pilary and pilary and the pilar	Hancock Harrison, Jackson	Yes	No	No	No	No Y	Yes	No	No		\$ 3,000,000.00 \$	-	
Research an Education	1 25		Education Programs	The events surrounding the Despatient Holizon of light Instead the need for having a well-informed diseavy regarding marine construction and retrotation. A rate to this light as busport electricion and outperturbations whole maintain to the hight block built are that runnel and the maintain the hight address the perturbation of the dist of Maxino 1 the Institute for Mutane Maxima Studies 42° Center for Marine Education and Ansaesch (MMSC DME) is a present marine education in and conservation failing that in manuformed distances on the distance of the distance Maxino 1 the Institute for Mutane Maxima Studies 42° Center for Mutane Education and education in program designed present education and the exercision of the standard structure devices marked and the structure distances and education in program designed present education and the structure distances and education in program designed present education and the structure devices marked present education and the structure devices marked present education and the structure distances and education and the structure devices marked present education and the structure devices and education of coastal well-education, have the instance of the advection education and the structure devices and education and the structure to accele and the structure devices and education and the structure of the structure and education and the structure of the structure and education and the structure of the structure and education and the structure marked and education and the structure and the structure and the structure to a structure and education and the structure and the structure to access and education and the structure and the structure and the structure to access and education and the structure to access the present to a structure the structure and the structure to access the present and the structure to access and educ	Hancock Harrison, Jackson	Yes	No	No	Yes	No ł	No	Yes	15 No		\$ 3,000,000.00 \$		
Research and	i 47	10/23/201	Linear Park on Beach Boulevard	The concept to engage leading undercape architecture from to entable hin mater plan to transition of the Nanuappi Gull Coast 2.2 mell main made basch hind and proving from a guid and gut the Gull of Melico. All man guid with with we a load used how for fourit, significantly enhance the Gull coast are involved the state of Melico all man guide the state of Melico all man guides the state of the minimum and down preparesters in mind.	Harrison	Yes	No	No	Yes	Yes Y	Yes	No	Yes		\$ 100,000.00 \$	-	
Research an Education	1 52		Graneline Bay Preserve Land Acquisition	the following is from the Department of Marine Resources web site: http://www.dmr.ms.gov/joonidal/in/des.php/insissippi.gemu/115-graveline-bay Coasial Zone Management: Mitissippi GEMS Goaviente Bay Preave Detail/EdBAS Goaviente Bay Preave Detail/EdBAS Detail	Jackson	Yes	Yes	No	Yes	No Y	Yes	No	No		5 . 5	-	
Research an Education	i 77	10/27/2013	Wildlife Rehdolitation Center	The pageographysic has four major components: 1. Lond acquition 2. Construction 3. Management: 4. Subargement: 5. Subargement:	n/a	Yes	No	No	Nô	710	No	Yes	No		5 1.368,000.00 S		

Research and 81 Education	88 1	10/29/2013	Mississippi Habitat Stewards Program	Summary: Mississippi Walder Federation requests consideration of funding to continue growth and success of Mississippi Habitat Stewards Program along our Gulf Coast, assuring a team of trained volunteers to provide envices to natural area managem, especially those related to public use, access and interpretation. Habitat Stewards also provide an engaged citizeny to support greater public support of natural areas management and restoration.	George, Harrison, Jackson, St. Tammany, Stone, Hancock, Pearl River, Mobile	Yes	No No	Ye	5 N	to Ye	s Ye	8	Yes		\$ 1,175,855.00	\$ 600,00	0.00
				Background: In July 200, In reports to the Deep Water Horizon explosion and the anticipated annual of along Missisappide"s shoreline, the National and Missisappi Wildlife Federations Launched a volunteer surveillance network. This network of volunteers across the costa was established to monitor sections of shoreline and document their findings. By late summer, it became evident that damages from the Brid align back of domaintal different from those experienced after the Exoan Valder disaster. However, many of the volunteers were still analous to provide meaningful efforts on behalf of the costal wildlife and their habitats.													
				with this regress in mind and with a data understanding of the needs of antural lands mangers on the Cauta, Municuppi Wield's Education modered grants (Band Shang) and -bi-biol grants in the state of the second of antural lands mangers on the Cauta, Municupi Wield's Education, Band Band Shang, Shang Mangers (Band Shang) with the second to antural lands mangers to match voluments with certain skills and partners with composing links and second the anguran depends on the continued memoting and landsmare needs assements by Municupi (Bill's Education, Cauta), Bandware Hang, Bandware and	I T												
				danad Bay National Wildlife Reinges Allaking Taili at USM Marine Education Centerkt ^{er} y Cedar Point site Allaking Taili at Shephark Wildlife Tourism, Natural Resource Management & Costal Restoration:													
				Because much of the work of the Musicappi Habitat Stewards in related to policit use issues on natural lands in south Missisappi, there is a distinct overlap for ecotourism markets. Habitat Stewards are keeping statular solutions calcular, and interpreted for all visions, including eco-outrist. Missisappi Wildlife Federationald [®] s request for the Missisapi Habitat Stewards Program provides important capacity to continue the success of the program as well as filling a much needed wold for													
Research and 81 Education	89 1	0/29/2013	Gulf Coast Prescribed Fire Cooperative	Thousands of acres of private and public lenging faire forests, susmans and coastal mancher within the three coastal counties are in need of management toxing inscribed by prescribed for any provide set of the counties of the control of provide set of the counties are in need of management toxing and encounties are in need of management toxing and encounties are in the counties are in need of management toxing and encounties are in any public lenging and encounties are interesting and public lenging and public lenging and public lenging and public lenging and encounties are any public lenging and any public lenging any	Hancock Harrison, Jackson	Yes i	No No	o Ye	s Yi	res Ye	s No	o	Yes		\$ 25,120,000.00	Ş	
Research and 99 Education	95 1	10/31/2013	Point Clear Island restoration/preservation and coastal access project	The Point Grean Mand project is a former DMB approved mitigation site for a casine project which was never built. As the owner of the biand and adjacent mainland to I have sought partners from the Carly of Gandrei, Land Tout and Conservation front to acquire and implement the restoration and construction terisming to be least and SPADD. It results days post to be made to the stant adjacent construction terisming to be least and SPADD. It results days post to be made the space of the stant and the stant adjacent construction terisming to be least and SPADD. It results days post to be made the space of the stant adjacent construction terisming to be least and SPADD. It results days post to be adjacent space of the stant adjacent construction terisming to be least and SPADD. It results days post to be adjacent space of the stant adjacent construction terisming the top terisming to accust terms.	Jackson	Yes	No No	y Ye	s N	io Ye	s Ye	15	62 No		\$ 490,000.00	\$	-
Research and 91 Education	96 1	0/31/2013	Pass Christian - East Harbor Expansion Improvements/Enhancements	The C try Plas Christian is currently constructing a historic that is funded via CDBE (encomic development - must create 30 pbs). In J sears), CDP grant and PB kook grant. The 27 are in their basis, designed to 10t. education of the construction and commercial basis (b). Search (creating lapp. 23 standing barryla lapp. 4 standing barryla lapp.	Harrison	Yes	(es No	o Ye	s Yı	'es Ni	o Ye	25	Yes	commerci	\$ 3,500,000.00	\$	-
Research and 91	97 1	10/31/2013	Cedar Lake Acquisition	Approximately 14 waterfront acres with a potential interpretive center could be acquired. The property is located at Cedar Lake adjacent to the Tchoutacabouffa River. Approximately 2 acres are on Cedar Lake adjacent to the Tchoutacabouffa River.	Harrison	Yes	No No	ye Ye	s N	io Ye	s Ye	25	20 No		\$ 890,000.00	\$	-
Research and 10: Education	03 1	1/12/2013	Southern Mixissippi Applied Restoration Tookit ((MART): coatal restoration winerability assessment and prediction	Code: Laborate indicate and the remainder on the maintains. The approprint content is approximately 45 area of prevented tend for approxi- tance is indicated and marks serve a buffer served and the dual of Mexica and Markalan Canterna production centers and infrastructure, protecting these communities from the most deviating impacts of all quilt. Minission (MA) barriers and markes thermoleves are also none of the most appould transmit dual contrast and recention and deviations and quilt of Mexica and Markalan Canterna population centers and infrastructure, protecting these communities from the most deviating impacts of all quilt. Minission (MA) barriers and markes thermoleves are also none of the most papular transmit of the most advisorial of Mexica and Region Contrast and recent tendent of the most barriers and previous and the most barriers and the most barriers and the most barriers and previous and the most barriers and the most barri	Hancock Harrison, Jackson	Yes	No Ne	> No	N N	io Ve	s No	o	No		\$ 4,905,000.00	\$	-
Research and 114 Education	46	10/7/2011	Billoxi River	(ORIGINAL ID#11393) Paimer Creek and Blioxi River are the west boundary of the parcel that is adjacent to the Desoto National Forest on its southeast and north boundary. Conservation of the parcel would preserve natural springs flowing into the Blioxi River that flows into Back Bay on the Mississippi Coast.	Harrison	Yes	No No	No	· N	io Ye	s No	•	No		\$ 750,000.00	\$	•
Education 115:	52	11/9/2011	851. Municipal Harbor improvements	The provide state of the sta	Hancock	Yes	res No	> Ye	s N	to Ye	s Ye	25	Yes		\$ 4,300,000.00	\$	-
Research and 115 Education			Paint Cadet Preliminary Planning	(INIGHAM, DB11200) Prior Caste to be largeren space on the Guil Casta open to he public. Prior Caste was the Ministepin had for JP, PCC does up openation, following the of split. This register spectrast a unique openation is to heat cast the environmental quality of large lange Guil Guil Medica and Improve the and Farsy State Targemagn response. Parit Caste has the environmental quality of lange has dual following the State Had was and provide the state of was future engineering response. Parit Caste has no particular spectrast and recreational market as execs, and Guil Medice education operations into an existence of the state of the Internet Farsy State Targemagn response. Parit Caste has and recreational market execs, and Guil Medice education opportunities into an existion operation operations in the provide. The market has and provide the state of the state of the internet into an existion operations in the analysis of the state of t	Harrison	Yes	No No	y Ye	s N	lo N	o Ye	25	Yes		\$ 10,800,000.00		-
Research and 115 Education	57	9/26/2011	Bayou Auguste Environmental Eshancement and Wetlands Project	DISCRACE USERING Harvo August Environmental Followanement Projects in draginght to protect and enhance Narrow Augusts. In the American's of the oil of Marcola Augusts and Protein August	Harrison	Yes	No No	Ye	s N	to Ye	s Ne	D	No		\$ 685,000.00	\$	-
Research and 115	58	7/8/2013	Tchoutacabouffa Nature Area/Blueway & Greeway	(DRIGINAL IDB12019) 2] The Tchoutcabouffa River Blueway/Greenway is an exciting project that addresses the unique riverine resources that start in the upper reaches of Harrison County and drains come 75 square miles of watershed that eventually enters Back Bay and then the open waters of the Mc Sound. The City has acquired CLAP and Tidelands funds to make limited investments in	Harrison	Yes	No No	No	N	io Ye	s Ye	25	10 No		\$ 3,500,000.00	\$ 400,00	0.00

Research and Education	1159	6/9/2011	Ocean Expo Learning Center - A World Class Aquarium	[DRGNAL DIDIDIT] The institute or Marine Mammal Studies will construct a 175,000 space foot Ocean Espo Aquarium Complex on 11.5 acms at the southwest quadrant of the interaction of interactate 10 and interactate 1-100 D'Berville, Matsicapies, Ocean Espo will be a pable exhaustion and counsid destination that will support and accommodate the following education programs: Place emphasis no dolphar maine mammals, both in the will and in applying, provide subtext and the game public with a opportunity to learn about that will an interactional and counsing, protected and interaction of someworks and destinations. The institute of the interactive exhibits that will make learning fine. The Coare Espo will be a natione that, and combine dements of aquaric display, presentations, and unquine interactive exhibits that will make learning fine. The Coare Espo will be a natione that will be an dispertice processing and the antime file, and project will be a major economic development project that will react a family destination attraction. This plane a their differ Coare Espo will be and the reactive and interactive exhibits that will be an apprex will be and the reactive and interactive exhibits that will be an apprex commic development project that will react a family destination attraction. The Gamma of the the Marine Blackardon and processing that the provide and reasers's hearing approximation. The Institute of Marine Marine Statistican and the statistican concervation and reasers's the institute of the Advance data and the public or you'd Diaronite has a marker with the Advance data and an approximation attraction. The base of the file of the statistican and the the start with well with the public regulation and the reasers's provide a plane that and and and the statistican and the statistican attraction and the statistican attractive attraction and the statistican attraction and the statistican and the reasers's provide a plane that the statistican attracting and the provide appresent with the Advance that	Harrison	Yes	No	No	Yes	No	No	Yes	Y)	25	\$ 12,000,000.00 \$ 2,000,000.00
Research and Education	1160	7/8/2013	Ocean Expo	worders of the Guit. DRICHAE (1922)2) Contenting with Ocean EncyCharte Science place of the Ocean Ency Aquation and learning/Marrier Education Context to help huld not this one-of-a lead count attraction. This popular that register the leadmark Materia Life Oceanment, which was one of the most oppaular family stratictics on the Massingel Guil Coast prior to farth, and we also used periodic infrastructure support with a sait water periodic, additional (and coastory, parling and demancent of exhibits 2000). This popular constant with a least for (of of the eight (2)) eight (2) of the eight (2) eight	Harrison	Yes	No	No	Yes	No	No	Yes	'n	25	\$ 10,000,000.00 \$ 4,000,000.00
Research and Education	1161	7/8/2013	Brodie Bayou Reclamation/D'Iberville Waste Water Treatment Facility Adaptive Reuse	requirements of the Restore Act and GoLoat 20001000.MI (IDGRMAL DISE22) The Boole Basyle Activation/Public Access is a unique project that seeks to convert the old D'Iberville waste treatment plant (54.5W) to support the collection and transmission of altiwater to the Ocean Espo project at the interstate. Alco plane neuroison acquisition of algings shoreline and wettand areas to allow public access to Back Bay. Approximately 12 acres (53.0W) is needed to jum with 12 ares of classics in a support of the other access to Back Bay. Approximately 12 acres (53.0W) is needed to jum with 12 ares of classics in a support of the access to these neuroid classics and access to Back Bay. Approximately 12 acres (53.0W) is needed to jum with 12 ares of classics in the support of the project and the support and how the support of the classics and access to these neuroid classics and access to the second elimits aborelines. This would create a new bay from and on the second elimits and the second access to the second elimits aborelines. This would create a new bay are approximately and facilities.	Harrison s	Yes	No	No	Yes	No	Yes	Yes	Ŷ	25	\$ 7,500,000.00 \$ -
Research and Education	1162	7/8/2013	French Market Conference Facility	(DRGNAL IDPI2D1) The French Market Conference Facility is a major component of the city's post Astrina recovery plan for the redevelopment of the downtown area. The availability of public land (14 acrel) at the forme "Distribution indice should be would from the core assumbling along with other city owned property". This location now houses the Toom Green/Natorical Center and will cons be horne to the first place of the CAT and center. This location to be location that CPU vanefind rung targets and the set of the component of the downtown. Facada and ullities have been uppeded throughout this area to support major growth in the downtown densities that market the availability of public land Ascentak Neal. The exception of the downtown. Facada and ullities have been uppeded throughout this area to support major growth in the downtown to complexe the facad set of the set of the downtown and center and overall location development. As asset of this type will have been uppeded throughout this area to support major growth in the downtown to complexe the downtown and center and overall location development. As asset of this type will have been uppeded to the complexe to growthe conferencing particle with a theoret been to complexe to growthe conferencing bacting that as a start backet and will be a downtown and center as a scalar particle to an estimate that a development to complexe to protein of the tourism table to an ethologic planet to containing land execting bactity scaled to market a locating bactet and backet and the tourism table to an ethologic the confinent gramp.	i Harrison	Yes	No	No	Yes	No	No	Yes	Ŷ	25	\$ - \$ -
Research and Education	1163	7/8/2013	Fountain Beach Public Access and Wetlands Restoration	CREGRAL DISIZEDID. The Fourth Reach Holic Access and Wethould Restoration as worther waterfroot networks to payed the available access to the dominism. The unique wethout access and one water association with Fourthin Reach would be restored and advanced. The Chysh antexed local and Reading three with lead to dealer make Fourthin Reading and the second seco	Harrison	Yes	No	No	Yes	No	Yes	Yes	Ň	D	\$ 4,000,000.00 \$ 200,000.00
Research and Education	1165	11/7/2011	Fountain Beach Environmental Enhancements & Public Access	(ORIGINAL ID#11433) This project seeks to undertake restoration and enhancement activities for on site tidal wetland areas, repair erosion of the shoreline, and improve public access through renairing and extending the existing fighing pier.	Harrison	Yes	No	No	No	No	Yes	No	N	D	\$ 300,000.00 \$ 25,000.00
Research and Education	1166	11/7/2011	Bayshore Wetlands Restoration	repaining and exercising three busing treams pre ((RIGINALID#11432) The scope of the project seeks to restore a small tidal wetland area in the downtown waterfront area in D'iberville, Mississippi.	Harrison	Yes	No	No	No	No	Yes	No	N	D	\$ 400,000.00 \$ 50,000.00
Research and Education	1172	6/13/2013	Graveline Bayou Restoration Project	IDEGUAL DIRADIG Greenies Rays is located in the southwest conner of the Cuty of Guarter. The Says is an intractor network of waterways that continuous holds, deeper water habitats, and adjacent costa habitats for narke widits. The Rays power has the Network of Says and	Jackson	Yes	Yes	No	Yes		Yes	Yes	100 N	D	\$ 7,200,000.00 \$ -
				 Encours of spatram draining drammels due to bank encounts in continuously departing andiment in the hupper reaches of the bayou, which then travels further drawmater and draining budgequent since encounts. (In a term and and encourse) the alrawabe depth for an angle. The document of the mound of the bayou anding the Deeparter Horizon OL Spill Crists compounded the sediment accumulation problem removing any agatation of the bayous by boart traffic which may resugned and fails which may the Deeparter Horizon OL Spill Crists are grady diminished on Graveline Bayou. During an angetta bayou and the the bayou and the term of any adjustion of the bayous and the term of any adjustion of the bayous of the fails which may resugned and fails in the strate in the term counts of the bayous and the term of any adjustion of the bayous of the fails which may resugned and fails (sciele, approximate) 44. All of colores abyout the bayou doep which is bas hor the refer, sciencing as stimulina baccas backs can not longer analytet behave. During an anegate bayou did sciele, bayou and the sciele bayou bags at high more rapidly than is preceding yeas. This problem was further eascrabated by the Deeparter Horizon Indext. How, the bayou is bashow it no longer affects protection to shoreling in more rapidly than is preceding yeas. This problem was further eascrabated by the Deeparter Horizon Indext. How, the bayou is bashow it no longer affects the bayou and the science backs can be added and protection measures need to be implemented to prevent re-sitiation. The U.S. Amy Corps of Engineens has informed the Cry that they will conduct a study of Graveline Bayou that will include was action study, jety need and location, ensoin bases and resolution, manch resolution for contoring context. 											
Research and Education	1173	9/26/2011	Dantzler Street Bridge Elevation	(ORIGINAL ID#11209) The Pascagoula River Audubon Center is being relocated to downtown Moss Point. The Dantzler Street Bridge needs to be elevated three feet to accommodate this relocation and the tour boats and to compliment the waterfront walkway proposed for areas around Pelican Landing and Beardslee Lake and from Mcinnis Avenue to Elder Street. The bridge and bridge	Jackson	Yes	No	No	Yes	No	Yes	Yes	N	D	\$ 651,000.00 \$ -
Research and	1176	9/26/2011	USM Marine Education Center at Cedar	and the cost operating to compare the water the water the proposed of inclusion of the cost operating and cancer are the many and cancer are the many strengt to be raised as will existing city utility lines. (DRGINAL [DB1197] This project consists of a University of Southern Missission Marine Education Center at Cedar Point (52 million: complete building, waking trail to Davis Bayou on Cedar Point).	lackson	Yes	No	No	Yes	No	No	Yes	N	0	\$ 2,000,000,00 \$ -
Education Research and	1178	8/19/2011	Point	(ORIGINAL ID#860) This project consists of an Environmental Impact Assessment at the Gulf Island National Seashore for bike lanes (560.000: for conducting a NEPA assessment to place safe bike	Jackson	Yes	No	No	Yes	No	No	Yes	N	•	\$ 1.560,000.00 \$ -
Education			Island National Seashore for Bike Lanes	routes along major arteries within Gulf Islands National Seachore - a National Park Service facility - to connect Highway 90 to the Mississippi Sound, Park Visitor Center, bayous, and picnic areas). Construction of lanes and elevated walkways through the forest is estimated at \$1.5 million and would include interpretive picques with a description of the wildlife and fauns found in the park.											
Research and Education	1183	8/19/2011	Front Beach Sand Replenishment / Extension to create "Living Shoreline"	(IOGGALL DBSS) Front Bach Links (Boreline and Upstream Improvements to increase Resilience. Employ a Living Shornline approach to approach to reduce ension on Front Bach while mitigating upstream flooding. Replace failing drainage actuality into the MS Sound with antargy to mitigate the flow of water from upstream, while replacing traditional concrete populations and units antarge that contingent to approach to approach to approach to approach to active and the MS Sound with antarge that contents contained units and that allowed them to develop a prefinance and the structure, and interface and the structure and that allowed them to develop a prefinance relations. The project relates to the Army Corpu of Engineers Missispi Castal Improvements and a family and the structure prefinance and antargue develops and contentiate. The project relates to the Army Corpu of Engineers Missispi Castal Improvements and a family and the structure and antargue develops and contentiate. The project relates to the Army Corpu of Engineers Missispi Castal Improvements and a family and the structure and antargue develops and contentiate. The project relates to the Army Corpu of Engineers Missispi Castal Improvements and a family and the structure and antargue develops and contentiate. The project relates to the Army Corpu of Engineers Missispi Castal Improvements and a family and the structure and antargue develops and a structure and antargue develops and and and a structure and antargue develops and and antargue develops and and and and antargue develops and and and antargue develops and and and and a structure develops and a structure develops and a structure develops and and and and a structure develops and a	Jackson	Yes	No	No	Yes	No	Yes	No	N	D	\$ 4,000,000.00 \$ 32,000.00
Research and Education	1189	11/9/2011	Round Island Lighthouse	(ORGINAL ID#11447) This project consists of the restoration and rebuilding of the Round Island Lighthouse. A park including a visitor's center and parking for public access would be constructed surrounding the newly restored lighthouse. Project funds would include the acquisition of the land around the lighthouse as well as work to prepare, improve, and restore the lighthouse and the site.	Jackson	Yes	No	No	Yes	No	No	Yes	30 Y	25	\$ 9,619,000.00 \$ 1,500,000.00
Research and Education	1190	11/9/2011	Point Park	(URGMU IDUILISG) This project costs of the design, engineering, and constructions for the development of Point Park. This currently undeveloped site was used by PB during cleanup operations. This includes demolition of existing structures, deteriorated pars, and concrete areas and the development of drainage, flood control, and crosso prevention structures and water and sever infrastructure. Improvements would be made broads, walkings, backwalks, and parking areas as well as existing piper, whark, boat ramps, and pavlions. New backwalks, long parking area well as existing piper, whark, boat ramps, and pavlions. The backwalks, and parking areas as well as existing piper, whark, boat ramps, and pavlions. The backwalks, and parking and briding amentice, and a restroom would be added at the site. An amplitheater and plaground would be constructed to improve entertainment and recreational resources. Included would be landscaping, banches, tables, BBD, BBC, and transformatices.	Jackson	Yes	No	No	Yes	No	No	Yes	90 %	8	\$ 15,990,250.00 \$ 1,000,000.00
Research and Education	1191		Lowry Island Marina	(DIGGNAL IDI1149) This project words assist with the redevelopment of the Lowy blank Marina. An interpretive bandwalk words be constructed with appropriate worth and length to assommative avoids recentral out case and predetrima and to allow to better access from various points of Lowy Marina. An interpretive bandwalk words predictional states and length to strain frequencies and an end to be the strain the strain and and an end to be the strain frequencies and and an end to be strain frequencies. The strain and and an end to be the strain frequencies and an end to be an end to be without improvements word provide water; sever, fault, and power for boat Lips [alting of piers and walkways, and construction of a multi-level dry dock structure. The read to the northern to poff the bind words doe water cases to the activity business.	Jackson	Yes	No	No	Yes	No	No	Yes	90 Yi	95	\$ 12,312,848.00 \$ 3,601,000.00
Research and Education	1193	12/8/2012	B.B. Lennings Park Ecological and Wetlands Education Center & Blueway Connection	DIGIGAL (bit1361) Pessagnalia paruning a chyvide redivide tatengy to recorrect neighborhood so their waterfronts on hayous and wetfinds, the Naropula New, and the Musiagni Sanak. In Its Fark Nare Hen, Its Celly devided E.B. Jenning Perk an Entorici, low-income englobhordo at an opportunity for resident to spin an understanding of the regions Complex hydrology and ecology. The Musiagni Department of Musile B.B. Jenning Perk and Entorici, low-income wider video tate of action of their water decation come wider video tate docume to the total and a spin and ecology. The Musiley Department of Musile Resources closes the parks as demonstration project for 1ts Coastal Sanat Growth Institute and ange english find and a spin and ecology. The Musiley Bend Tenestor and Sanata and Tenestor Bend Sanata and Ceology and the Sanata Growth Institute and ange english find and and the docume tate docume to endoting on the Musiley Jahoffeg and ecology in the Musiley Bend Sanata and Tenestor Bend Sanata and wetlands that plantings and ecology newwrites massures. The stabilization and relocation of a status transmedia video compares and the status docume tate docume to endot the total status and the status docume tate. The stabilization and relocation of a status transmedia video compares and the total status docume tate docume tates and the status and the status docume tates and the status documents a	Jackson	Yes	No	No	Yes	No	Yes	Yes	70 Y		S 2,781,230,000 S 50,000,00
Research and Education	1195	9/5/2012	North Jackson Marsh Restoration/Enhancement	(DBCRML(1012173)) intervaling) fields area hap enologid amay retried functions to the mark prosphere and 0 for 9 Mandend. As transitional examing therement restinct de sex 1) provides the intervaling of the sex 1 collects, holds can use and of the rCV statem mark or most 1) provides a their difference of the canazian provide the sex 1) provides the amphabian, replices and holds. Alternation and development this service/ad detrapted the area/b ables to provide these functions. A constructural restarted/market or additional to provide the in the CVA's receiving approved hazer. Market and development this service/ad detrapted the a rea/b ables to provide these functions. A constructural restarted/market of the area can alpha y ker in a first to the service approxed hazer with the service/ad detrapted the area/b ables to provide these functions. A constructural restarted/market of detrivial and detrivial and detrivial and detrivial and the service and and the service and a service and	Hancock	Yes	No	No	No	No	Yes	Yes	N	D	5 380,000.00 S -

Research Educatio	on	Oyster Restoration	(INIGNAL DI032) Coatal Invienment, inc and partners propose to fibricate and incluil bio induced syster reefs to stabilise horizonies and hipy restore and statical values and and the estature ensayment and opcoatal I Winnook County, Mossinghi, Thia preventi statiliarius part of the induced syster reefs to stabilise horizonia part and deficit versitian and deficit versitian and and and the induced system and and and system and the induced system and allow growth of an intertidial opticar estation and habits for estationary estations. The bioingeneous discussion is and and and the induced system and allow growth of an intertidial opticar estation and habits for estationary discussion. The bioingeneous discussion is and	Hancock	Tes	No	No	No	Nô	Yes	No	No	S :	12,000,000.00 \$		
Researci Educatio		7 6/22/2011 Mississippi Gulf Coast Oyster Shell Recycling.	(DIGGNAL DI227) the objective of the project is to develop a cost effective pages on the Musicappi dul Coast to recycle opter whell from comuners (restaurs, shucking houses, opter fisherman, individual who purchase opters in the east, etc.) That can the he suck to pretent and enhance whells housed back detoryced or danged as result of the Despondent PDI Jgll. An effective program will require declarating comumes on the importance of recycling and encouraging their participation in a program that recycles opter theff Jgll. Since the early SDDD, approved the various data tability thereine is clusted as whether and the subter metric duration that metric/gold. The project and the subter set of the subter set of the subter metric duration the program set of the subter set of the subter set of the subter metric duration the subter set of the set of the subter set of the set of the subter set of the subter set of the subter set of the s	Hancock, Harrison, Jackson	Yes	Yes	No	No		Yes	No	No	s	800,000.00 \$	-	
Researd Educatio	on	Time GKSS and Mysical Atmosphere and Ocean Observing System within the Gulf of Mexico	CINCIDENT, DIREST, The Development of The Advanced Real Time GNS and Physical Atmosphere and Cosm Clearving System within the Guif Of Mexico: Cosmit Automatics for Surveying and Solven's Texa Advanced Near Vision System Cosmit and System System Within the Guif Of Mexico: Cosmit Automatics of Surveying and Solven's Texa Advanced Near Vision System System System System Within the Guif Of Mexico: Cosmit Advanced Real Y Links System System Within System System Within System S	Hancok,	Yes	No	No	No		No	No	No		5 S		
Resert Educatio	on	Sugger and Grouper Recreational Fuhreries and Associated industry in the Guil of Mexico	CINCIDAL DISIDIAL build-	Hancod, Harrison, Jackson	Yes	No	No	Yes		No	No	Yes	\$:	\$		
Researci Educatio		6 4/25/2022 Introduction and Fuelkation of New Designs Properties and Exact in the Guild Shring Fishery for Enhanced Efficiency and Fuel Economy	DRIGINUM DRIJBIG A combination of increased operating expenses and reflected are vesual praces for catch his created a perfect storm of ecosionic hardbing his field. The GLI Shring Tahler, The bhile addum's has vorder to reace costs of operation, buil unditistudie, for were averance for the site. To en agric or tab the shring industry is like and these are potertial averances to noduce fail comunity has vorder to reace costs of operation, buil unditistudie, for were averance for the site. To enargic or tab the site mission of a site of the site improved appropriate and a shring company shored that for comunity has versiced by appointantic 20% where register a traditional tab part poperation with a Sec specific and the site	Hancock, Harrison, Jackson	Yes	Yes	No	No	No	No	No	No	Ś	750,000.00 \$	-	
Researci Educatio		7 4/25/0012 Development and Databatistic of Gam Technology In Isponse Hist Consonry and Reduce Byzatch in the Guil Shreep Poheny	CNECHAL USUALIZE The officer water participation and form a source for a significant opacities of landing in the dual of formatic (a horizon multihod of errors) (a horizone) of appli impach), the follow as eners isokatamic during in a high equival (conta) the exception of landing in the dual part changing as a light alread source of appli impach), the follow appress. A paukity of information exists documenting the effect of gas technologies on fuel consumption. Challenge that the dual high challenge and applies of landing the high equival (conta) the continuous of landing. The officer appress A paukity of information exists documenting the effect of gas technologies on fuel consumption. Challenge that advast technol in the southern hitten is the southern hitten in the traditional wood of a uninum docs, are documented to have feal source of 250 Mich ang static hitting conditions. Additionally, beach relation contains high priority wate in the southerate. Relation and of a southern hitting the souther hitting hitting is done in the hitting water souther hitting hitting is done in the souther souther hitting the souther hitting hitting is done in the souther hitting hitting is done in the souther hitting hitting is done in the hitting hitting is done in the hitting hitting hitting is done in the hitting hitting is done in the hitting hitting hitting is done in the hitting hit	Hancock, Harrison, Jackson	Yes	Yes	No	No	No	Yes	No	No	S	1,500,000.00 \$		

Reserva and	1208		Saving the Gulf Coast one bate at a time.	Our proces is a larger scale version of what is being used in construction areas about the scale the hospitory the functional scale process and experts all incomparisons the scale of the	Hancok,	165	29	NO P	0 16	163	. но	но	\$ 250,000.00	3 -
Research and Education	1209	7/12/2013	Emergence, persistence, dynamics, and consequences of White Spot Syndrome Virus in a sait marsh edge crustacean community after the DWH event	(DRGNAL UE12025) This project seeks to elucidate the causes and consequences of the emergence and perivitence of the non-indigenous white spot syndrome visus (MSX3) in a community of B decaped cruztacans, including in the nontherm of all decaped cruztacans, including and an annih cruztacans, including indicar cabe, may an annih annih cruztacans, including a decaped cruztacans, including a combined field, and an annih cruztacans, including a combined field, and an annih cruztacans, including a combined field, appatient and the interaction of the visus and the cruztacans, including a combined field, appatient and the interaction of the visus and the cruztacans, including a combined field, and and an annih cruztacans, including a combined field or each may are significant. WSV is a non-indicating approximation and an annih cruztacans, including a combined field, and and and an annih cruztacans, including a combined field or each may are significant. WSV is an excentioned and an annih cruztacans, including a combined field or each may are significant. The visual may are significant to address hypotheses concerning the emergence, privatence, privatence, privatence, and consequences of WSV in the community.	Hancock, Harrison, Jackson	Yes	No	No N	10 No	No	No	No	\$ 4,000,000.00	\$-
Research and Education	1210	1/1/1900	Replacement for R/V Tom McIlwain	[ORIGINAL DB131] Funds for the purchase of a replacement research vessel for the Gulf Coast Research Laboratory.	Hancock, Harrison, Jackson	Yes	No	No N	10 No	No	Yes	No	\$ -	\$ -
Reset than a fear that a fear	1211		GCRL: Marine Education Center	DBHGMU LBHGM) The Linkenstra of Southern Mits through Is Gill Carat Research Laboratory is repearing for the development of \$250 mBHz states of the states factor states of the states o	Jackson	Yes	No	No h	io No	No	Yes	100 No	\$ 18,500,000.00	\$ 11,500,000.00
Research and Education	1212	10/24/2011	GUE FOR MERICO NATO-HER AND FOREBLES	DIGINAL DIFLAT_QUILT OF MUNCI INTERT AND FORMERS RESTORATION CONSIGNITUAL Problem: The Degrammer Inform OI Release (DW) cased emunomental and economic damage to fabbrers in the northerod Guilt Medica. Amazer and other man-made causes (over-finiting exosion and pulli) have lets orgenize and economic adments in addition, balance and pullicity of the second of the second exosis of the	n/a	Yes	Yes	No N	io Ne	Yes	: No	No	\$ 60,000,000.00	ş -
Research and Education	1214		Galf of Moxico Community-based Rectoration Partnership	(DRGUM, DRGU)) the Gui of a basic Community-based Resources Persenship (2029) is registed multiple or anotheribit in a sessibilited in 2020 testings have the NDAL Community-based Resources are a sessibilitied in 2020 testings. The session of the	Hancock, Harrison, Jackson	Yes	No	No N	lo Nc	Yes	: No	No	\$ 1,500,000.00	\$ 500,000.00
Research and Education	1219		GGM/C Cooperative Regional Monitoring Project	DRGRAM LIGHTLGG When the PF elling rig Deepweter horizon exploded approximately 50 miles conclusate of the mouth of the Mississipi Biver on April 22.201, a caused significant damage to the watter of the did Mexics. In order to effectively assess their optime fields of the exert, there meshs to be accordinater groups approach is monitoring the status on the did Mexics. The art is effectively assess there is the effective assess the intervention. Biver of the status of the field of the status of the field status of the fi	Hancock, Harrison, Jackson	Yes	No	No Y	es No	No	No	No	\$ 27,578,000.00	
Research and Education Research and	1229		Rebuild Veterans Avenue Pier Enhance Aquatic Habitat around Existing	(DRIGNLA,LBIDG)) The Vetram Anema Pier was damaged by Iwrizena Karina, Piero ta Huricene Karina, Nio jeri Hab been a major bash annels, The jeri wall be reconstructed and will be approximately 200° (Eng. 196 Amages to the pieros analysis). The support structure is busicily in tab, busing yet,	Harrison	Yes	No	No Y	es No	Yes	Yes	No	\$ 1,000,000.00 \$ 1,750,000.00	
Research and Education	1233	9/7/2011	Emance Aquatic Habitat around Existing Piers	(ORGENAL(JEDIOS) There are 7 perior located along the 2 mile stretch of and beaches in Narrions County, MS. These piers provide recreational opportunities for the residents and tourists. They are also a location where we begin can enjoy there of the MS Sound and the adjacent Barrier Handle. In order to starts and quality. If e. roch, for the resident sum start and tourist artificial refs around each pier. The piers are: Poter Avenue and Collosum Park - Blook Ken Combe Per, Urk Per, Moses Per, and West End Pier - Gulfport Im Simpson Per - Long Bach	Harrison	tes	iv0	no Y	es No	Yes	No	No	o 1,750,000.00	\$ °

Research and	1238	9/21/2011	Habitat Restoration and WQ Management in	(ORIGINAL ID#11158) The Mallini Bayou System consists of 5.71 miles of 12 inter-connected channels located on the eastern side of Bay St. Louis immediately west of the City of Pass Christian, NS.	Harrison	Yes	No	No	No	No	Yes	Yes	No		\$ 20	0,000,000.00	s -	
Education			the Mallini Bayou System	Intrinsic County proposes to improve and mage the water quality in the Mallini Bayou System of channels for the purpose of eliminating stapation and hospits, reducing nucleic counterstands and colliform county, reducing nucleic to the TMU. The Mallini Bayou System of channels for the purpose of eliminating stapation and hospits, reducing nucleic counterstands and colliform county. The Mallini Bayou System for Bayou B	r /												-	
Research and Education	1246	9/26/2011	Sediment and Tar Ball Transport Study	(DIGDLA) (DIIIII)B) The Jackton County Board of Supervisors ((LRGS) is interested in completing a study designed to evaluate the oil splil impacts on a local where and with a focus on estimeter transport with respective processing study and contaminates and period be backets and in the bay and estimates and period. But Autors County addites (Study of Phile are of the Guil Coast is important expective) store Jackson County plays a neglectric in the Massauppi Causal Improvements (Fragman Comprehence Part Finance). The Study of Phile are of the Causar and the Causar and the Study of Phile are of the Causar and the Study of Phile are of the Causar and the Causar and the Study of Phile are of the Causar and the Study of Phile are of the Causar and the Phile Study of Phile are of the Causar and the Study of Phile are of the Causar and the Phile Study of Phile are of the Causar and the Study of Phile are of the Causar and the Phile Study of Phile are of the Causar and the Study of Phile are of the Causar and the Phile Study of Phile area of the Causar and the Causar and the Phile Study of Phile area of the Causar and the Causar and The Causar and the Causar and the Causar and the Phile Study of Phile area of the Causar and the Causar and The Causar and the Causar and the Causar and the Phile Study of Phile area of the Causar and the Causar and The Causar and the Causar and the Causar and the Phile Study of Phile area of the Causar and the Causa	Jackson s	Yes	No	No	No	No	No	No	No		5	303,000.00 :	ş -	
Research and Education	1254	11/22/2013	Marinovich plan to restore the gulf shrimp	String migrate in from the gulf three times a year Research need to be done to establish when the shring move into the establish. On this bases the duils being needs postcriling when they move up or of the gulf posts, as a set name in the test is supported to the string searce more time the interaction. Unlike the string is need to the string the engines are purported and shull shring come string length (into the estivation being caught by the shring transk.) When we have maximum game we will have maximum game we will have maximum game into the stransk. The shring transk is the shring transmet by the stransmet is the stransmet in the shring searce transmet metal there will be more food for the short caught by the shring transk.) When the shring transmet is the stransmet game is short being caught by the shring transk. If when the shring searce transmet metal there will be more food for the short caught by the shring transk. If when the shring transmet shring the optimized is a short be shring transmet the shring game to the shring game to the shring game to the shring game transmet. The shring transmet the shring game to the shring gam		Yes	Yes	Yes	No	Yes	Yes	No	Yes		s	- :	\$-	
Research and Education	1255		Gulf Observing Aerial Program	A diverse constraintics of airbigs, and UNX should be put to plots to provide long endurance chemation of the Gulf. The primary purpose of the start flow ull lib to doaly nonitor the difference enling constraints' to immediately actest any of sign. Available database of plots of the constraint data material action activation of the start distance of	Hancock, Harrison, Jackson	Yes	No	No	No	Yes	No	Yes	Yes		\$ 360	0,000,000.00	\$-	
Research and Education	1256	12/3/2013	Develop blue crab aquaculture in Mississippi	The constraint's goal is to equand on existing howeking of blue crab aquaculture to develop new resources to bring greater economic prosperity to Mississipi and is primarly focused on the soft cab follow: The main goals of the constraint includes the following (1) support equancion of the crab to the crab to the crab tensors formers and prior forhamen interesting (2) pleasible active the or development and tensing activation activates are as a resource to participant, and (4) evaluate economic feasibility. We believe this project will have positive economic benefits and area currently seeking opportunities for funding.	Hancock, Harrison, Jacksor	Yes	Yes	Yes	No	No	No	No	Yes		s		\$-	
Research and Education	1259		Ocean Spring: YMCA Expansion/Removation	The Massing Gulf Cast WGA Located in Ocean Spring, and Tradition serves the entire Gulf Cast region with our facilities and outrach programs. The ZOW members between our two banches have access to fitness expringer, and our programs. The Constraints programs, and compares, and comp		Yes	No	No	Yes	res	No	Yes	No		S		ş -	
Research and Education	1260		Natural Resource Enterprises - Restoring Coastal Habitats and Economies along the Mississippi Gulf Coast	Conduct series of elecutational workshops training castal landowners, sports finking guides, commercial finker, resource apercy and economic development professionals, and community leaders adong the MSG difficults in Instauri resource reteringing development of Marine Resources, Guide Status Leaders landers to MS Department of Environmental Quality, MS Department of Marine Resources, Guide Casta Reservat Jaboratory, MSU Castal Electrician Service, Aurol Bearls and WS Department of Environmental Aurola, metal Seguetta and Leaders and Security of autorized solutions and the Marine Resources, Guide Status Leaders and Castal Electrician Service, Aurolander Security, and Lead Security of autorized solutions and daraving cadador entholasts to the Mossibaph Guid Casta. Through development of these new businesses and associated conservations, we will improve the environmental heath of castal and, wetlends, wetterholer, externing, and the Marinessof Guid Castal.	Hancock, Harrison, Jacksor	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes				\$ -	
Research and Education	1261	12/4/2013	Missiagip Guil Cast Arborstum Trail— Castal Arborstums for Restore Canopy and Reduce Injury	The MG UMan Forest Council is a 30 year of monpoint appearation that works with community isodership and citizen to establish healthy tree canopies. We have the only atboretum program in the state and have been criting a proterum in the fore ore 2 year. This project addresses community realience, hipry, restoring canopies, economic development, tourism benefits and much more. This project addresses community realience, hipry, restoring canopies, economic development, tourism benefits and much more. This project addresses community realience, hipry, restoring canopies, economic development, tourism benefits and much more. This project addresses community realience, bit and the MG Gulf Casa will include a borotentum, one per county. The project IIII diversition for 2000 gene passes into arboritae realing and enter the project is to scale, bindcape level, easily managed, no land adquilation and down entry. The project is the provide a care of a sin comtoh after approximation. The project is to cacel, bindcape level, and y managed, no land adquilation and down entry. The project is the provide a care of a sin comtoh after approximation and provide control is a development, restration, scali and ecological beersites, water quality and aspects to development and ecological participation and down and the site approximation and provide and another 15 existing sites that can quality as an absortum will be certified. So when the project is complete there will be a minimum of 20 certified advortum along the coast that he bileded as green way, torurism ad providenci or development and the data and working extender to be linked for a green years in a down and the site and working extender data for class and and working extender data for class with and weak index and working extender data for class and and the site of a site of the site of	Harrison, Jackson	Yes	No	No	161		¥es i	Yes	Yes	water	gua S	420,000.00	\$ 50,000.00	

	esearch and ducation	1263		Constat Exhibits and Francetor Natural Insources Streamsthip and Environmental Education	In Proceed neurod flavouro Stewardship and Controlmental Education. How the mature flavouro Stewardship and Controlmental Education and Proceedings Stewardship brough environmental education efforts that include formal and informal education apportunities, professional development for texthers and outdoor sativities for all ages. The types of projects and notices control textures the stewardship brough environmental development for textures and and organism. The types of projects and notices control textures that encourage and conditions the use of existing environmental devication and outrack networks and institutions, establish a more effective relationship between research and devication communities, and provide a "Source State Institution" state and use environmental development control textures that and encourage and conditions to the use of existing environmental development control weak with the beth the decuction and to towards a between conditions. The source state institution is used under the state of texture and texture control weak with the beth the decuction and towards and towards. Textures control texture is the state of existing environmental development control weak with the beth the decuction and towards and towards. Textures between textures and textures. Textures texture and another texture control weak with the beth the decuction and too too first annotized between textures of the another and the provide and textures that on texture state and textures and textures. Textures textures that and the texture and textures that the texture of the texture of the texture of the texture texture of the texture of texture of textures of the texture of texture of the texture of the texture of texture of texture of textures of textures of textures of textur		Yes N	9 No	No No	No	Yes	No	\$ 208,019.00	s -
	esearch and ducation	1266		May 13, 2011	The Nature Conservancy in Massinghis pleased to present the following Project Proposals that we feal are eligible for early MBA funding based on guidance guidance for Early Relatations Advisoring Injerius Resulting from the Desparater Information (10) Signif Conservant. Relatations Advisoring Injerius Resulting from the Desparater Information (10) Signif Conservant. Second Provem Program of Mussinghi administrated by the Second Information (10) Signif Conservant. Second Information (10) Signi		Yes Ye	s No	Yes No	Yes	Yes	Vez	\$ 51,535,865.00	
R4 Ec	esearch and ducation	1269		Ecological Resonation of Slash Piere on the Barrier Islands and Costall Wetlands	Interview Ratin and the BP of light were very damaging to the barrier bialands could be the Mississippi, Alabama and Fiords Guil Coast. There is a consensus developing that some restanation of the resistance of the bialand exceptions with the resistance of the bialand society and the resistance of the set of the set of the resistance of the resistance of the set of the resistance of the set of the resistance of the r	e H-	Yes Ni	2 No	No No	Yes	Yes	No	\$ 2,750,000.00	S 250,000,00
Ec	esearch and ducation	1273	12/9/2013	Adaptive Sports Program	"If they dream about It, they can do It" Provide a means for all people to enjoy in list waterways and adapt multi-use facility to accommodate mobility impaired citeres and wounded warriors. Aley and noticing multi-use facilities need to be built as added to for accommodating mobility impaired citeres and wounded warriors. To enable Disability Community options enhancements of family Crientated Recreational Activities /Recreational/Stewardship programs for all ages or even physically unconditioned Citeres	Hancock, Harrison, Jackso	Yes No	o No	Yes Yes	No	Yes	Yes	s -	\$ -
	esearch and Aucation	1277	12/16/2013	Comprehensive aussement of the western opposition of the threatened Guil stragena, Adjenser anyritchus destate long threateness and the second strategies and whore mentationer patterns, environmental correlates of estuarine/marke movement, and trophi	Eight frequencies of a traugene species on tark are at risk of demiction, placing them on the international Union for the Construction of Nature RetL as OF Proteined Species (Anonymous 2000). Overheing and population declines of the building of the loss of the Constructions (Anonyme Tettan and Proteined Species (Anonymous 2000). Overheing and population declines of the building of the loss of Upy and dil. It was ended to attractions (Anonyme Tettan and Tettan and State) recovery of stargeon, many of which do not appear admain which to be 200 years ddl. It was ended to attractions (Anonyme Tettan and Tettan and State) (Anonyme Tettan and Tett	Harrison, Jackso	Yes M	5 No	No No	Yes	No	Ne	\$ 4,230,000.00	\$

		1278	13/10 100 -	MONITORING MARINE MAMMALS IN THE	Coastal marine mammals are at higher risk of being adversely impacted by the intense human activities in these regions. Lack of basic knowledge about marine mammal (MM) populations in the MS	Indune	Max .				Ne		\$ 5.000.083.00 \$		
Ē	ducation			MISSISPE SQUID AND ADACHT COSTAN WATER - Research, Education and Outreach Program	Sound adjustent watters precisions communities of theme protected species and huders the ability of nutural resource managers to assess the impact of human related activities such as the Desponsite risk-tool spin lin the dial of themesting." (Gold settings and octatal water, Including the Missaigh spin constrained and project and the ability of nutural resource managers to assess the impact of human related activities such as the Desponsite risk-tool spin lin the dial of themesting." (Gold settings and octatal water, Including the Missaigh spin constrained registers with a spin dial and the anticement of the project of the mass common manine devices and the spin spin dial and the mass common manine advect and project with a spin dial and the spin spin dial and the spin dial and the spin spin dial and the spin spin spin spin spin spin spin spin	7 00									
Ri	esearch and ducation	1279	12/16/2013	Mississippi Reef Fish Program: Addressing Data Needs for Regional Management of Red	The red snapper, Lutjanus campechanus, is the most economically important reef fish species in the Gulf of Mexico (GOM), supporting major commercial and recreational fisheries in the five Gulf states. The stock has, however, been overfished since the 1980s, promotine the Gulf of Mexico Fisher Management Council to adopt the Reef Fish Management Plan in 1984 to institute catch limits	Hancock, Harrison, Jackson	Yes No	No	No	No Yes	No	No	\$ 14,600,544.00 \$	\$ -	
E	oucation			Lata Neess for Regional Analgement of Nee Snapper and Assessing Reef Fish Ecosystem Function	and a small of formers on the fabry, a sharequire molining to a war approved to 200 with the point frequency club the of a page size by 200 register and final seam of the case simulation of lacrossists deviced affect, respectively of the size of the size size o	Harrison, Jackson									
					subsidiply ligs to their Phogram, coordinated with the larvess of Octon Energy Management. However, unlike Alabama ard Louisana, Maiossogi cummith gods contained to regram amagement, detabolistica and the larvess and and and larvess and tharvess and the larvess and and the	u									
R	esearch and ducation	1280	12/16/2013	Emerging infectious diseases affect recovery of coastal marine ecosystems	The problem Sait marsh and oyster reef habitats support complex communities of plants and animals, that are the foundation for coastal ecosystem services. Among the more important services are nutrient	Hancock, Harrison, Jackson	Yes No	No	No	No Yes	No	No	\$ 7,941,630.00 \$	\$ -	
					remoul, torm surge protection, and muning commercially and recreationally important species. Unfortunately, and manabes and system renfs are among the more vulnerable and declining of habitat Charak charge and mutual venets such a humanicanes and anthrogongenic distances suppress or remove species from the communities and activition of the contral decline of these biological communities. Splostocides and charge and an end service of the contral declinities of the contral declinities of the contral decline of these biological communities. Splostocides and an end of the contral declinities of the contral decli										
R, Ei	esearch and ducation	1281	12/16/2013	Evaluation of best management artrageine for retoring and/one-dopendent hobitosi such as cyster refe in extrantes and the near shore of Mississippi	Option and option habitat are among the nearbone and estuarine habitat most susceptible to the vagaries of man. The Deepwater invition of gual and a startenth including the opening of freshouter significant of the value of the value of the value of the massing bloce estuared through Musikapis Journal. The value of the sharing have estuared through Musikapis Journal. The value of	Hancok, Harrison, Jackson , , , ,	Yes Yes	No	No	v Yes	No	No.	\$ 4,900,000.00 \$	5 -	
R, E	exearch and ducation	1282	12/17/2013	Developing a novel framework to evaluate ancture and function of coastal wetland relationation in a space theorem of the space using coastal preserves as reference altes	In light of damages to salt march resource following the DwH oil spill, It is antiopated that substantial efforts will be focused on restoring salt march habitats within the northern GuI of Mexico region. In order to track the resource of records and march experiments and function of restored at marches. USMM ² , GCRL Cotatal Ecosystem Group (ECG) and MUS Casal Reserve) and Exercise Order propose to conclut in understanding production, heating and understanding of the standard and expenses at march habitats a understanding of the standard and expenses at march habitats a transfer will be foreigned at locations. The proposed project at the understanding production, heating and understanding of the approximate production, additional and and and the approximate production. Additionally, and unatify metrics that are will be development of a better understanding of all march houses. Additionally, we will expense and understanding of all march habitats an unregark will be the order extension thanks. The constant is an understanding of all march habitats an unregark will be development of a better understanding of all march habitats and unregark will be approximately and unatify metrics. That are better understanding of all march habitats and unregark will be approximately and unatify metrics. That and the standard under quantitative assessment metrics that can be utilized at future created as it march habitats and unregark will be approximately and unatify metrics. The approximately and unatify metrics. The additional provides in the GuI of the standard provides analysis. We will develop additional standard and understanding of all march habitats. Such additional develops the additional quantity and unatify experiments and unative and unatify experiments and unative and unatify the presperimate and unatify the provide provide and unatify experiments		Yes No	No	No	xo Yes	No	No -	\$ 8,000,00.00 \$	\$	

ь															r .	-
Research and Education	1283	12/17/2013	Whate Sharks in the Gulf of Mexico: Conservation Research in the Affermath of the bergweeter Horizon Gl Spill	Although the whale shark is the largest fish in the occur, very little is known about its biology and ecology. Prior to the Deepwater Hortson of pall (DWH) in 2010, we, researchers at the University of Southom Ministrappide", Guir Cant Research Laboratory (USM CR1), very just biology and ecology. Prior to the Deepwater Hortson of pall (DWH) in 2010, we, researchers at the University of Southom Ministrappide", Guir Cant Research Laboratory (USM CR1), very just biology and ecology. Prior to the Deepwater Hortson of the Internet of Ministrappide (DWH) in 2010, we, researchers at the University of Marcine Southom Ministrappide (DWH) in 2010, we can be apprecised on the Alternet on Southom Ministrappide (DWH) in 2010, we researchers at the University of Marcine Southom Ministrappide (DWH) in 2010, we can be apprecised on the Alternet on Southom Ministrappide (DWH) in 2010, we can be apprecised on the Alternet on Southom Call (DWH) in 2010, we can be apprecised on the Alternet on Southom Call (DWH) in 2010, we can be apprecised on the Alternet on Southom Call (DWH) in 2010, we can be apprecised on the Alternet on Southom Call (DWH) in 2010, we can be apprecised on the Alternet on Southom Call (DWH) in 2010, we can be apprecised on the Alternet on Southom Call (DWH) in 2010, we can be apprecised at any construction of the Alternet on Southom Call (DWH) in 2010, we can be apprecised at any construction of the Alternet on Southom Call (DWH) in 2010, we can be apprecised at any construction of the Alternet on Southom Call (DWH) in 2010, we can be apprecised at a southom Call (DWH) in 2010, we can be apprecised at a southom Call (DWH) and on content, and negatively known of the debars and incosition of the Alternet on Southom Call (DWH) and on contents (DWH) and on contention (DWH) and where the association of the Alternet on Southom Call (DWH) and an ontention (DWH) and ano the apprecision (DWH). Alternet on the Alternet on th	:	Yes N	io N	60 N	o No	7 No	No	No	S	12,775,119.00	\$	
				female. At each encounter site, plankton tows, water quality data, and date/time/GPS information will be collected.												
Research and Education	1284	12/17/2013	K-12 Environmental Education Field Program	The CMDC proposes to develop and implement a environmental education program for K-12 atudents in Hancack, Harrison and Jackson counties. The program will provide high quality, curriculum- based field organizations will provide science-based hands-on field experiences so that students can learn about the critical habitats and environmental processes necessary to maintain the health of the drift of Maxim. CHOG to a partnership of Guil Tabaks National Seahore, Guid Casal Reasensh Lab, Parcagoula River Audubon Center, Land Trust for the MS Coasal Plain, Grand Bay KERR, MS Guil Casal Community CHOG to a partnership of Guil Tabaks National Seahore, Guid Casal Reasensh Lab, Parcagoula River Audubon Center, Land Trust for the MS Coasal Plain, Grand Bay KERR, MS Guil Casal Community CHOG to a partnership of Guil Tabaks National Seahore, Guid Casal Reasensh Lab, Parcagoula River Audubon Center, Land Trust for the MS Coasal Plain, Grand Bay KERR, MS Guil Casal Community Casales fature Education Ender and the Shadhil Casa Reign and Iprovide field experiences for every student in the three coastal counties will be embedded in the curriculum-based chararoom activities, curriculum-based field experiences, and follow-up activities. Stewardship concepts and service opportunities will be embedded in the curriculum await.	Hancock, Harrison, Jackson	TES IN	0 N	vo N	0 10	S NO	ND	NO	>	800,000.00	\$ *	
Research and Education	1285	12/19/2013	Hiller Park Renaissance Garden Educational/Nestonation Project	The discussional cancer cancer soundership (Mergin Derivativer for Humany (Hergin Reserves) as an involvement discussion of the 1 bed attention. The discussion of the sounder the prevention of the sounder the s	, t.	Yes N	io N	ko N	o No	y Yes	No	No	Ś	2,000,000.00	\$ -	
Research and Education	1298	1/3/2014	Study of Potential for Contaimination of Raw Water Intake at Cumbest Bluff	The courty and port atteining own and operate a raw water initial for industrial water supply at Cumbest Build on the Pacagoala New. This supply is being used for the Anthon's Sanfare Water Treatment Plint council, in construction. The teratiment facility will provide potable water for the southern portion of the East Regional Water System and pother potential wholesale water customers in the future such as the Helena UBIIty Diarist. The mouth of the river at the Missiogol Sound has many possible sources of contamination including chemical manufactures, oil and gas industry, etc. The Anthon's propose to have a study completed to evaluation. The possible for contamination including chemical manufactures, all well rise, subwater res, Dependent and Pacagoala New Pa	Jackson	Yes N	lo N	io N	0 Nc	NO NO	Yes	Yes	s	500,000.00	\$ -	
Research and	1582	7/7/2011	Bay St. Louis Harbor	(ORIGINAL ID#521) To develop a harbor in downtown Bay St. Louis as a catalyst for restoring eco-tourism in Hancock County	Hancock	Yes	lo N	io Y	es <mark>No</mark>	Yes	Yes	No	\$		\$-	
Education Research and Education	1583	7/7/2011	Mississippi By-ways to Space & Mississippi Scenic Beach Boulevard By-ways	(ORGINAL ID#521) 43 miles of eco tourism by ways connecting the INFINITY Science Center to the outdoor laboratory to re-establish the viator market for the guil coast region	Hancock	Yes	lo N	40 Y	es No	Yes	Yes	No	s		\$ -	T
Research and Education	1584	8/4/2011	Low-cot, 10km-range OI Split Senior and Spread-predictive Senior Deployment	CINIGRAL DBB31 The project well establish a low cost, member ali speed monitoring system with the following finatures: Old second Creation There is an upper a well-sky speed of the stablish and point in the stablish and point and the stablish and	Harrison, Jackson	Yes N	io N	io N	0 Nc	9 Yes	No	No	s	350,000.00	\$ 1,000.0	0
Research and Education	1587	7/29/2011	BP Dependent Horizon DI Spill Restoration Evaluation and Monitoring Program	DBIGINUM DUP379 The Natural Resource Damage Aussument regulations make clear that find Restoration Result Apulate Dupate and Resource Damage Aussumer Regulations make clear that the Rest Network Resource Damage Aussumer Regulations make clear that the Rest Network Resource Damage Aussumer Regulations make clear that the Rest Network Resource Damage Aussumer Regulations and Resource Damage Aussumer Resource Damage Auss	Hancock, Harrison, Jackson ,	Yes N	ID N	io N	0 NC	Yes	No	No	s		\$ -	

Feeda Educa	tion :	1383	8/2/2011	Martime & Serfool Industry Museum Expansion with Redoration Initialities	(IRIGNAL DUPL)The Mattimes & Sended Industry Maxemi located on PL Cells, Harrison Caruty, Biolo, MS serves a weekoming basen to the grout by profiles, an educational isol and a segrer reachier, frances and writes on the Managing Galf Cells aregins, and for the grant by profiles and writes and the mathematic model and a segrer reaction of the Managing Galf Cells and Tells, and Tells and Tells and Tells and Tells and the mathematic model and the Managing Galf Cells and Tells and T	(nefficient)	Yes Y		Ve		105	162	Yes	\$ 7,549,304.00 \$ -	
Resea Educa		1591	8/18/2011	Wolf River Restoration Project	(DRGNAL ID849) The purpose of the Wolf Rever Restoration Project (WR89) to facilitate fails, wildlife, and plant habitat protection, restoration, and enhancement, primarily for Federal trust resources including imputing truths, including the second secon	Harrison	Yes N	No 7	No Ni	o No	Yes	Yes	No	\$ 42,000,000.00 \$ 1,750,000.00	
Resea Educa		1593	8/19/2011	The Gulf Restoration Fund	Control under the A control and memory and a second back and ac	n/a	Yes N	No 1	No	o No	Yes	No	No	\$ - \$ -	
Resea Educa	rch and :	1594	8/25/2011	Restoring erikela habitatis ihi ne Gulf of Mexico Marine Protected Area Network	NUCCAUL (USER) is April 2011, the Todary Pay National Security Research Reverse (RINER) hosted at the day workshop in hospets. Finds, with India grants of loss workshop in hospets from CoAI Merine Protected Asea (MA) Control, The broady Pay National Security Reverse (RINER)) hosted at the day may be apprecised from to CoAI Merine Non factor agreement company RM is in the day Ray Pay National CoAI Merine Non factor agreement company RM is in the day Ray partners to work appretent to built a framework for regional response to enteradable gais of MM society. The Market MAN Reverse Non Reverse R	n/a	Yes N	No I	No Ni	o No	Yes	No	No	5 50,000.00 5 35,000.00	
Resea Educa		1595	8/31/2011	Ohr-O'Keelle Musuem of Art Mative Habitat Restoration Project	DIBIGINAL DISIDLIG his DOC Yarde Subsemi of a received runding from the MS Coadal impact solutione Pagen to development, a landcope manual in forcing tab Missioglobio and. The ground of the Mission will be received with solution parts and evelopment, the solution of the Mission will be received with solution of the Mission will be received with solution parts and evelopment. The solution of the Mission will be received with solution of the Mission will be received with solution parts and evelopment. The solution of the Mission will be received with solution parts and will be received a part and the Mission will be received with solution of the Mission will be received with solution parts and will be received a part and the Mission of the Mission of the Mission will be received with solution parts and be received and the Mission of the Mission will be received with solution will be received a part and the mission of the Mis	Harrison	Yes N	No I	No Ye	s No	Yes	No	No	5 800,000.00 5 -	
Resea Educa		1602	4/21/2011	Integrated Approach to Wetland Dumage Assessment, Vegetant Monitoring, and Restoration Tracking in the Guilf of Mexico	DIBIGINAL DI2020) Problem Stammer: Thial verticable backing the Culi of Mexicon, Including Federal verticable in National Webling Federal verticable in National Webling Federal verticable with traditional survey methods. In order to logarize verticable on the impact one years with the second verticable with traditional survey methods. In order to logarize verticable on the impact one years with the impact of the impact one years with the impact of the impact one years with the impa	n/a	Yes b	No P	No N i) No	Yes	No	No	\$ 3,000,000.00 \$ -	
Resea Educa		1607	10/25/2011	GUE OF MERICO NATIONEY MOR FOREBUS	ENERGIAL DIDILISES Incident The Desputite Horison Of Backase (DMH) Earcel amongoneental and economic damage to laberies in the norther Gui of Machana America must employ roved and efficience aparations. In terms for the Machana America must employ roved and efficience aparations. In the Internet Rule of Machana America must employ roved and efficience aparations for the Internet Rule and Rule	n/a	Yes Y	tes 1	No Ni		Yes	No	No	\$ 60,000,000.00 \$ -	

					-								 	
Resear Educat	ch and 1:		F	RESTORATION CONSORTIUM	(DIGDAL DI1142) Problem: The Deepuster Hextors OI Release (DVM) (auxel environmental and economic damage to Inhorine fuel of Monte and Centre Monte And Centre fuel of M		Yes Yes	No	No	No	Yes No	No	\$ 60,000,000 \$ -	
Resear Educat	lon		5	Retoration of Oyster Habitats in Point aux Chenes Bay in Eastern Jackson County, Missialpip, Within Grand Bay National Sistuarine Research Reserve	(DIGGNAL DID1123) a cooperative, federal, state, and provide project to restore the Point saw Chenes Bay ecosystem and its historic system habitats through: The messialing of the Grand Batture label with advances and three shares (SAR) and the state of the Character and the SAR and the state of the Grand Batture label with advances and the state of the SAR and the state of the SAR and the state of the SAR and the state inter- estation of the state batter conditions through plotting of over trahs and/or consher concrete garget nature(b) (PMADME). The relaying a for parter states the relationship of the SAR and the states of the SAR and the SAR and the states of the SAR and the SAR and the states of the SAR an	Jackson	Yes Yes	No	No	No	Yes No	No	\$ 2,500,000.00 \$ -	
Resear Educat	ion		¢	Maalaippi Invalve Plant Control Program- Congengras Endication Effort	(DIGIGNAL DISTSB) Cognergas relation (c) as in maximum, one native gass, which occurs in the southmetern linked States. A peet in 72 counties and anothere due be one of the Top 10 Work Work (in Work (Cangorgas and Encirc)) and an another gass, which occurs in the southmetern linked States. A peet in 72 counties and more. Cangorgas in counter of the State States (Cangorgas and Encirc) and more. Cangorgas in counter of the States (Cangorgas and Encirc) and the south encirce on the peet of the States (Cangorgas and Encirc) and more. Cangorgas in counter of the States (Cangorgas and Encirc) and the south encirc) and the south encirce of the States (Cangorgas and Encirc) and the south encirc) and the south encirce of the States (Cangorgas and Encirc) and the south encirc) and the south encirc of the States (Cangorgas and Encirc) and the south encirc) and the south encirc of the State (Cangorgas and Encirc) and the south encirc) and the south encirc of the State (Cangorgas and Encirc) and the south encirc) and the south encirc of the State (Cangorgas and Encirc) (Can	Jackson, George, J arrison, Jackson, Mobile, Hancock, Hancock, Stone, S	Yes No	Ves	Yes	Yes	Yes No	Ves	5 10.000,000 S 300,000 00	
Resear Educat	ch and 1:	1615	2/9/2011 t	ncrease the pace, quality and permanence of voluntary land and water conservation hhrough the Partnership for Gulf Coast Land Conservation	(DIGIDAL DIDISA) The Partnenship for Guil Coast Land Comervation pojet: The Partnenship for Guil Coast Land Comervation (PRCL) is a new califion of Partnenship for Guil Coast Land Comervation (PRCL) is a new caliform of Partnenship for Guil Coast Land Comervation (PRCL) is a new caliform of Partnenship for Guil Coast Land Comervation (PRCL) is a new caliform of Partnenship for Guil Coast Land Comervation (PRCL) is a new caliform of Partnenship for Guil Coast Land Comervation (PRCL) is a new caliform of Partnenship for Guil Coast Land Comervation (PRCL) is a new caliform of Partnenship for Guil Coast Land Comervation (PRCL) is a new caliform of Partnenship for Guil Coast Land Coast Lan	n/a	Yes No	No	No	No	Yes Yes	No	\$ 1,000,000.00 \$ -	
Resear Educat		1623	t	Inhancing Remnant Wetlands to Decreae	CINCIDAL DIGITITIO THe TICAS Chapter's freehwater Program program reposes to mightenet controlled datage practices on rement andow wethink in the Missinging Polita. Whele serving as a datage controlment, institution of an innovative unservice controlled datage reporting in the systems control condow load create as an innovative unservice controlled datage retraining. The systems control condow load create as an innovative unservice controlled datage retraining and systems and provide the very important service of first fluch applications in the region to an innovative unservice policitatis in the systems control of the system system degradation and anticrybicitation. This is no rare prevalent than the hypoxics can set of the Missingle cancer in the systems control of systems terms control of systems terms control of the systems control of the system system degradation and cancel in the systems control of the systems control of the system system degradation and systems (cancer as the systems control of the systems cont	n/a	Yes No	No	No	No	Yes Yes	No	5 1.000,000.00 S	
Resar		1625 1/		Inhancement of the existing DMR Smart Growth and Saturalism (Model Utilizing Growth and Saturalism (GSI) Statement (GSI) State	CINCIDEAL DISTLISS1 The Minisogie Department of Marke Resources (DMB) palased to provide the proposal to develop an enhanced source growth and standardshift model for the lower three canadic countris (Internet). Canadic Canadia in details and communities within the three low concursities within the three low concursities within the later Canadia and C	Hancok, Harrison, Jacksor r	Yes No	No	No	he	Yes No	No	3.750,000.00 \$ -	

Research and 1626 10/24/2012				_						 \$ 2,000,000,00	
Education	determine best particles for miniming benorbaura effects on or support following capture and release	Insight overlapped with portion of the geographic range and pawning period of many reef this species, including red snapper (Lulipuu campedunuc). The geographic range and denotes the first fungation and the set of species methods and denotes and	1					лос 40			
Research and 1629 3/20/2013 Education	Missingpi Watershed Structure Restoration Project	[DIGIGNL IDEII396] J MCXGRADURD OF MCLO PROGRAM-The North Central Messingip Resource Construction & Development Council (MCXCD) costs 10 count's periodic state vol. Or Count's periodic state vol. Periodic state	Panola	Yes N	io No	No	No	Yes Yes	No	\$ 2,797,000.00	\$ 450,000.00
Research and 1630 3/20/2013 Education	Mississippi On-Site Wastewater Treatment Project	(DIGIGNAL DIGITIST) JAKCKGRUND OF REGIP PROGRAM-The Musiogpi Association of Resource Consuration & Bovedgement (EAC) Caucuich lattore the time state of Musiogpi Association of Resource Consuration & A Development (EAC) Caucuich tartore the time state of Musiogpi The MARCCE (A IS 2005 and 1990 and 19	Tate	Yes M	io No	No	No	Yes Yes	No	\$ 1,206,400.00	\$ -
Education	Ib Year enhancement for improve Guil of Meetics Sas Turk Example, and and the term response and science capacity	DIBIGINAL DOLLINGT Proposed Retraction Project: The pagent will agend resource available to the So Trules Standing and Shape Network (STSN) in the Cliff will be NDA. and http: participating entities were reported to an element for literary services and the provide service and the provident sector of pagetosis inspace of the Desparter Herston, DIP and Sharet So Waldy and the sea truthes and the services were serviced advectored by the pagetosis inspace of the Desparter Herston, DIP and Sharet So Waldy and Association of the service service advectored by the pagetosis inspace of the Desparter Herston, DIP and Sharet DV and Sharet So Waldy and Association and the service service advectored by the pagetosis inspace of the Desparter Herston, DIP and Sharet So Waldy and Association and Sharet Sover	n/a	Yes h	io No	No	Ro	Yes No	No	\$ 1,000,000.00	
Education	Flood Water Retardation Watershed Structure Rehabilitation	(DRGMAL DR11958) We have a need to recourte and hring back up to standards flood water retardation watershed in tructures. These dams were build in the bild-1970 time period to reduce down strams flooding and outoit evicos. These tructures are all illificacting in that capably public the mail truch racks and in need of replacement. These dams been are need in the proteines and an all results are all mail to the mail truch racks are in need of replacement. These dams been are need in the proteines are all mail to the racks and some woody vegations, the local waterheid district are intered financial assistance to conduct this type of maintenance. These local weethed districts do carny outone anual maintenance but are net do the racks and some woody vegations, the local waterheid district are intered financial assistance to conduct this type of maintenance. These local weethed districts do carny outone anual maintenance but are net do the racks and some woody vegations, the local waterheid district are benefative to conduct the point maintenance. These dams would be breached allowing the 400 syntexies, vestions, and approximate the originate and the racket district and would indegree may hore, businesses and they any nalinasis, diffusion and any other and the racket districts during outsome maintenance but are not thought back up to current mandated standard, here dams would be breached allowing the 400 syntex, vestions, and approximate links. These waterhed areas all drain to the Guil of Marcia by word the Tombigbee Biver. The areas above these dams have created watards that are important to local wildlife and minimetron birds.	Prentiss, Lee, Alcorn, Tishomingo, Chickasaw, Calhoun, Webster	Yes 🕨	lo No	Yes	No	Yes Yes	10 No	\$ 400,000.00	\$ 40,000.00
Research and 1636 5/16/2013	Reduction of Nutrients and Sediments from Agricultural Lands	[OBGIGH4.1011376] This project would involve landsmarry with Iversido on land agaents for field dictors, creek, streams and waterways to roface the around in nucleir and sediments entering the stream flow. The would involve landsmarry with frequencies of under the stream flow. The stream flow. The would reduce the success, feeling areas, grading controls and education meetings to assistance landswares in the streamagement practices and to leam about other sources of funding. This project would reduce the amount of nucleirs and adamtess the to win to the transport of the stream flow. This would be administed through the NA King. RCKD with the assistance of the local Soil and Water Conservation Districts and Miss. Soil and Water Conservation Commission and the Natural Resources Conservation Service office.	Alcorn, Tishomingo, Lee, Itawamba, Prentiss, Chickasaw, Calhoun, Clay, Monroe, Lowndes, Oktibbeha, Webster, Choctaw, Noxubee, Kemoer	Yes	io No	No	No	Yes Yes	Yes	\$ 1,750,000.00	\$ -
Research and 1637 5/16/2013 Education	8 Wetlands use as nutrient traps	(DIGGRAL DD11977) The project would be use to reduce nutrients in drame waters to glicecting waters from graing and cropkuds into ceased weights. The project would be austed interested landowners in the centrols to 16 sts, as use watch with this board in the pix wet centrols in curvater to tragslate water levels and provide this water areas to settle nutrients and sudment from means by agricultural lands. Open areas would be planted to plante for by weter conto and aquatic widille. Assistance would be provided for planning, engineering, construction and management of these areas as well as existants for langement for planters to planter to planter the planter of these areas as well as existants for langement of these areas as well as existants for langement of these areas as well as the calculator for langement planter.	Clay, Oktibbeha	Yes N	lo No	Yes	No	Yes Yes	Yes	\$ 110,000.00	\$ -

			Capacity Builling, Disaaster Preparedness,	(ORIGINAL ID#11987) In the wake of the interconnected cultural, socio-economic, and environmental effects of the BP OI Spill, Guilf fishing communities are facing unprecedented short- and long-											
Education	1000		and Sustaining Fishing Communities in the Gulf after the BP OI Spill	term chaltenges in statisting their traditional lifeways. Our two years of enhosynaptic research investigating traditional cultural communities and properties in Gui during the BP 0.0 gial and response efforts have monitorate the interminent and valurable cultural relationships the seconstructions. Unit in these monitors in the interminent. This research also illustrated emperators inclusion of rhining community traditional ecological isotopical of the development of efforts and staturable properties of the development of the development of the development of efforts and staturable properties of the development of efforts and staturable properties of the development of the										5 4,800,000.00	\$ 200,000,00
Research and Education	1639	6/17/2013	Castal Cosystem health: American Orytercather as an indicator of exposure and effects of pollutants on breeding birds on the Guilf Coast	ORGENAL DB22001 The GuT Cast of Mexce is one of the most important regions in North America for bird-watching and outdoor activities. But communitor by increasing outwing, and nature contributes to the constraints of the and mesoria bud ab locate and provide accountic netwises to the coastal communitor by increasing outwing, and nature or contraints to the constraints of the and mesoria bud ab locate and provide accountic netwises to the coastal communitor by increasing outwing, and nature or contraints to the constraints the host provide sectorial methods within a all continued by human. This tark is due to a of the locat data and other accounties of the mesor. The other activities and the sector is and the sector of the sector activities and and the accounties of the mesor. The sector activities and the sector is and the sector of the sector activities and and the sector activities and the sector activities and the sector activities and the sector activities and the sector activities and and the sector activities and the sector activities and the sector activities and the sector activities activities and the sector activities and and the sector activities and the sector activities and the sector activities and the sector activities and the sector activities and and the sector activities activities and the sector activities and the sector activities and the sector activities and and matching activities and the sector activities assemble of the sector activities activities and the sector activities and the sector activities activities and the sector activities activities and the sector activities activities in the sector activities activities and the sector activities and the sector activities activitie	n/a	Yes Y	6	NO NG) No	No	No	N			
Education	1640		Conservation and evaluation of limiting factor for American Optiercatchers along the Gulf Coast	(DBGDNAL012020) The American Optientative (learnedscop pallicup) is the most widely distributed of the four optientation process found in the Waters Intermination of South American To the optionation is interested to a 40,000 with the subspaces found in the U.S. Bit pallicup) and any 20,000 of the track. The Inter LS papellation is estimated to be 11,000. American Optionation and the subspaces found in the U.S. Bit pallicup) and the many base of the canatal anses throughout their arrays where the U.S. Bit pallicup) and the subspaces found in the U.S. Bit pallicup) and the subspace found in the U.S. Bit pallicup and State	n/a	Yes M	40 F	NO NO	n No	No	No	20		\$ 5,800,000.00	
Research and Education	1642		Management Strategy Evaluation Model (MSE) to develop improved management strategies for fisheries and shelflüheries resources of Mississippi	(DRGDALR012020) An MSE is a complex model designed to provide a whick to test, through numerical invalation, range of management approxes of the parket approxes of the study, table is a population for the study. The Second approxes is a structure of the study approxes of the study, table is a population for the study. The Second approxes is a structure of the study approxes of the study, table is a structure of the study. The Second approxes is a structure of the study, table is a structure of the study, table is a structure of the study. The Second approxes is a structure of the study approxes is a structure of the study, table is a structure of the study. The Second approxes is a structure of the study, table is a structure of the study, table is a structure of the study. The Second approxes is a structure of the study, table is a structure of the study, table is a structure of the study. The Second approxes is a structure of the study, table is a structure of the study, table is a structure of the study. The Second approxes is a structure of the study, table is a structure of the study approxes, table is a structure of the structure	Harrison	Yes N	4o 1	No Ye	s No	Yes	No	N		\$ 2,500,000.00	\$ -
Research and Education	1643		Economics and The Gulf Coastal States	(DRGNAL DU12028) The Objective is to have data that will capture the value of or oul of Maxico States associated to the Nation as whole. Activities incident end or collection of economic data when will incident and or univers, mail survey, bance altore years or our resources to data that when will be a state of the	n/a	Yes Y	fes I	No No	n Nc	No	No	8	•	\$ 5,000,000.00	\$ -
Research and Education	1644	7/12/2013	Monitoring ecosystem health in northern Gulf of Mexico ys assessing health at biodiversity using parasites of fishes as indicators	(DRGMA, DR12030) Parates are usebuiltions and abundant in any healthy ecosystem and abund or are in a disturbed or side environment because they have complicated life cycles with multiple stages, each requiring effective free-injoin bits of complicitor. Compression, Decoupting, paratel devirage and abundant on bits and are parately and parates in a bits abundant may be used as parate for a single stage and parates in bits investigate bolg estimations and abundant bits and abundant and be used as parately abundant and bits abundant and parates and abundant abundant and parates and abundant a	Jackson	Yes N	4o 1	No No	n No	Yes	No	N		\$ 1,225,000.00	\$ -
Research and Education	1645		at the GCRL	I DRGNAM.DU202013 An instance for Biodversity Studies will be created with the purpose of conducting long-term ecological studies of widtlife in the work Paragonal Neve and associated estuary. The instantice will be lowed at the GRU or Carde Paral Carde and will be intend house the CRU. Associated with the purpose of conducting long-term ecological studies and investorate carding long-term ecological studies. The instantice will be instantice. The instantice will be instantice. The instantice will be advalance of the instantice will be instantice. The instantice will be instantice. The instantice will be instantice. The instantice will be instantice. The instantice will be instantice will be instantice will be instantice will be instantice. The instantice will be instantice interested in instantice and explore associated with the instantice interested in instantice and explore associated be instantice. The institute will be instantice interested in instantice and the instantice interested in instantice interested in instantice and explore associated will be instantice interested in instantice and explore associated will be instantice interested in instantice and the instantice interested in instantice and the instantice interested in instantice interested in	Jackson	Yes h	40 F	No No	n Ne	No	Yes	54	5	\$ 5,000,000.00	
Research and Education	1653	8/7/2013	Enhancement of MMMS Public Outreach and Education Programs	(DRGNAL RU2306) The verts surrounding the Deepwater feature of up life streads the need for having a well-informed citizenty regarding marine construction and restances. All you this goal is to support decision and outwash programs who emission is to sub-the pool is about they are than and rescurs of the Guard Networks. The information of the construction of the pool is a present extra framework of the Guard Networks. The information of the construction of the pool is a difference of the construction of present extra frameworks of the construction of the const	Hancock, Harrison, Jackson	Yes N	₹o 1	No No	Hc Hc	No	No	5		\$ 3,000,000.00	\$ -
Research and Education	1655		Greenhouse for Producing Restoration Nursery Stock	(DRGINAL DR22070) Many current and future restoration projects along the Mosiologia Guil Coast will have need of quality nunsery stock of native dune and murch plants. Currently, large projects in Mosiologia must purchase plant stock from numeries in other states (puruly Friedda). The genetic provemence of these plants is usually handled of miles away from the project where the plant Mosiologia must purchase plant stock from numeries in other states (puruly Friedda). The genetic provemence of these plants is usually handled to find the same of the matter is provided at the state (purule) from the project where the plant Mosiologia must purchase plants to stock the plant is the state of the states in Mosion (plant). The state state (plants the state is provided at the state of the states (plants the state) provided the state of the states in Mosion (plant). The state state (plants the state) are stated at the state of the states (plants the state) are provered to calar the same of the capacity neuronaux for large rendered to the state (plants the state) are provered to calar the state of the capacity neuronaux the large neurophic the state (plant the state) are provered to calar the state of the capacity neuronaux (plants the state) are plants to state the state of the capacity neuronaux the large neurophic the state (plants the state) are provered to calar the state (plants the state) are provered to calar the state (plants the state) are plants the state (plants the state) are provered to calar the state (plants the state) are provered to calar the state (plants the state) are provered to calar the state (plants the state) are plants the state) are plants the state (plants the state) are plants the state) are plants the state (plants the state) are plants the state (plants the state) are plants the state) are plants the state (plants the state) are plants the state (plants the state) are p	Forrest	Yes N	40 F	No No	Ne	Yes	No	0		\$ 850,000.00	
Research and Education	1659	1/17/2014	Greenways	A storag predestrian and bicycle network of paths between packs, natural amenities and community services will enhance access to nature, meeting gaze, filtera gosportunities, sports venues, and child ficinally playgounds. The Greenways project will connect other major projectici (Hindro: Thankyns, Lighthrouze Park, Newfront Badevelopment, Beach Promenade, Point Park, Spinnaker Florit) with a sair, immiting gathways. Major elements of the project include property acquisition, development of natural baffer zones new waterways, relatoration of previously disturbed channels and bayoos, wetland and march enhancement, boardwalk and pathway construction, lighting, and signage for information and educational purposes.	Jackson	res N	vo r	Ye	- Nc	Yes	Yes	55 Ye		\$ 33,822,868.50	> -

	Research and Education	1679	1/21/2014 Hancek County Marsh Living Shordine Project	We have designed and patented a system that will help control effects of ear rise. Our system will provide horeline protection, will enhance building of bubbles, and will accur land building. Disripted for higher exist, for une excerning (Geo TGC-Hell), builded advom the water line, considering protections are the disripted by effect approximate the material base of the test of the Geo Hell accurates. The second seco	Hancock	Yes	No	No	No	Yes	les No		Ves	5 6,248,000.00	5 -	
	Research and Education	1681	1/22/2014 Hancook County Marsh Living Shoreline	After & acres of andem installed Trideer is proposing to plant. approc. 802,000 nalve coastal proses and plants with R2H0 (composi). Macade every 3-5 etc. Monitor growth for 1 year. Here local labors and suppliers. Project coincident with Installation of the Geo-TICH-Jetti Units. Angel: D 16079 Remote an budgeting for the installation of develop IBI and 46 acres, of wohldat outer reef on another senset sheets.	Plaquemines (I think he meant to put Hancock)	Yes	No	Yes	No	Yes Y	res Yes		Yes	\$ 2,110,000.00	\$-	
	Research and Education	1684	2/3/2014 Hancock County Living Marsh Shoreline Project	Mitchell Marten, Inc. will use a 12" hydraulic dredge to more material from a mining area 2000 feet of the shore to the blenin manuale beam. Agronimately 130,000 yards of material will be moved over the planned beam rane.	Hancock	Yes	No	No	No	Yes	fes Yes		Yes	\$ 5,923,200.00	\$-	
	Research and Education	1712	12/24/2015 BP for restoring the gulf fisheries	This concerned with Procest #1079 and 1041. This program will advect #1079 and 1041. This program will advect the process have a suggest that the second of the second second advect that the "Bornary advectore" advectore that the second second advectore that the	Harrison, Hancock, Jackson /	Yes	Yes	Yes	Yes	Yes	res Yes	15	Yes Data need	\$ 5,000,000.00	\$-	
	Research and Education	1716	2/6/2014 Proposed RESTORE Fund Land Acquisitions	The Lead Trust for the Ministegic Castal Plain (TMMC) is an accredited Lead Trust dedicated to the consention, and protection of open qazes and gene places of ecological, cultural or scienci significance in the counties of the Ministegic castal Plain. The proposal is interded to the science system castal cultural are scienci significance in the counties of the Ministegic castal Plain. The proposal is interded to the science system Rest Total Tart for the Ministegic Castal Plain has determined to be in line with the galo set forth in the Gall Casta Cosystem Restoration Countie's Proposed Comprehense Plan entities, The path Forward to Edit Casta T. A Proposed comprehense Plan : Plateor and Conserver, Datal 21, 31 Specificand And Protect Lining Castal Marine Rescurses 21 Ginanac Community Resiling Cost Restoration to Gall Castal Plann Pla	Harrison, Hancock, Jackson	Yes	No	No	Yes	No	fes Yes		Yes	\$ -	\$-	
	Research and	1719	2/6/2014 Harper-McCaughan Wetland	An area of wetlands is bordered by Harper-McCaughan Elementary School to the east and a Power line corridor paralleling Canal Number 1. We would like a raised boardwalk/nature trail with	Harrison	Yes	No	No	Yes	No I	No Yes		No	s -	\$ -	
	Education Research and Education	1723	Boardwalk/Nature Trail 2/7/2014 Restore MS Endangered species	education stations built. The rans has a variety of trees and plunts along with a multitude of Binds. My proposal is to locate video cames on none of the piers/holging us no cadaid communities to help document the interactions of sas turtles with finding gear. By doing to it will help to provide data for the science center to analysis to see what they can recommend to the anglens that are coming in contact with the use previous data for the science center to analysis to see what they can recommend to the anglens that are coming in contact with the user previous data. The science center to analysis to see what they can recommend to the anglens that are coming in contact with the user previous data for the account of the previous data for the account of the previous data for the account of th	All MS Counties	Yes	No	No	Yes	No	Yes Yes		No	\$ 15,000,000.00	\$-	
	Research and Education	1733	2/10/2014 Gulfport Urban Estuaries Enhancement	Interly Creek Waterhold cover approximately 11,000 zeros in Gulfport, Long Backa, and Kernico Caurty. The waterholder's two (2) main waterholders are in each application and enhancement. Telefork and forcy and are appointed by a line and an information county. The waterholders are into enoising castal stramultidal creates that flow into ecologically important, histored entauries exolution and enhancement in each application. The source of the source and an entange area for multiple solution for the local of Mexico. The provide all intercents that into ecologically and the source of the source and commercial value. In addition, recovering the ecological health of these rund learners would allow them to provide a anguitation of the source as a healthere the local of local commercial value. The dation, recovering the ecological health of these rund learners would allow them to provide a anguitation of the source and commercial value. In addition, recovering the ecological health of these rund learners would allow them to provide a anguitation of the source and the internets to a hustory endower with a certain of queries and maintaining a socially acceptable restoration effort. Lish Mahakali's, 2013 film, Lisa CacCene leaf or High Water: The Battle for Turky Ceek. Additionation that the source and the source	Harrison	Yes	No	No	Yes	ho Y	res Yes		No	\$ 13,000,000.00	ş	
	Research and Education	1740	2/17/2014 Camp Wilkes Environmental Enhancement	Camp Wilkes, I.c., a \$01c non-profit, is seeking funding for restoration and enhancement of its 89 are waterfront site on the Back Bay of Biloxi for the dual purpose of conserving its natural resources and expanding tourism attractions on the Guif Coast. Development of project plans is underway.	Harrison	Yes	No	No	Yes	No	Yes <mark>Yes</mark>		Yes	\$ -	\$ -	
-					-	-				_						

Research and Education	1741	6/1/2014	MS Guif Coast Environmental Educational Collaborative	Cast Ecosystem Education and Training Collaborative (EETC) The Of Split In Entropystem Education and Ecosystem Cast Split Spli	Hancock, Harrison, Jackson	Yes	No	No	No	Yes	Yes	No	Yes	\$ 750,000.00	\$ -
				The Maximized Gal Carde Indexed approximately. The Index of counties plan numerous hays, chaurties and assights rhere. Not only does this exception support, allowing of name life and habitats, but or cardet allowing and an account plan permetar energy 154 million actory set: University allowing the Cardet Galance Maximized and an and a											
				The CEETC project will be a multi-year (4 year) year-round and ongoing ecosystem_minionmental, educational and recreational project designed to educate coastal youth in the area of marine life studies, in additions to the discrementioned. All of the environmental education programs will be in partemphy with the eight [3] chool districts in the three (1) county area along the Ministepio Galf Coastant and exh chool district's sincer/minime biology course. All of the educational project will also be in partemphy with the leight [3] chool districts in the three (1) county area along the Ministepio Galf Coastant and exh chool district's sincer/minime districts on whete safety classes (winning and water surval), marine field trips, and practical experimence provide instruction on the general actiogh, biblists, vegetator bypes, will field and comparisod of marine debrin, water and shore classups in conjunction with state environmental agencies to educate and entryly young adults to wells in monitormatical aductions to the district and district and down classups in conjunction with state environmental agencies to educate and entryly young adults to wells in environmental aductions to the district adult district and down classups in conjunction with state environmental agencies to educate and entryly young adults the vells in environmental aductions to the state on organization in our waters. This education will is classes and the classups in conjunction with state environmental agencies to educate and entryly young adults the vells in environmental adults district on the market wills adult and the state adult and the state adult and the state environmental agencies to educate and entryly young adults the duration. This adult adults adult adults adults adults (blasses, and basins connected to the fourt. The observed are interesting the the Ministrip adult adults adults adults (blasses) adults adu											
				through education, research and community stewardship."											
Research and Education	i 1749	2/18/2014	City of Waveland Sports Complex and Entertainment Venue	Bring marine scientistic, ecologistic and organizations together to share resources and talents to effectively educate and memor the under-served youth. STARTGR* IE:DUCATION The scope of our project to build a football complex and recreational views that will support over 200 dhildren on a weekly basis and to provide a safe and secure location for fun rating activities to account the uskeen of the footballs. The scope and account is construct two therefore that the data secure is basis and account locations and comession area and come sace where either events the account the uskeen of the footballs. The scope and is a construct two therefore football effects of the school account to uskeen of the school account to uskeen of the school account to uskeen of the footballs. The school is account to uskeen of the school account the uskeen of the school account to uskeen of the school account the school account to uskeen of the school account to uske	Hancock	Yes	No	Yes	Yes	No	No	Yes	Yes	\$ 2.80	\$ -
				scores, Easter egg humit, tick or tratt events, open air concerts or movies could be seen, and other community outreach events could be held. The land is situated and one of the colyNet's might brough there are is also located less than and less total sets because the situated and the land is also located less than and less total sets based and less than a set frame are total period. All of the land is situated and less than a set of the land less than a set of the land less total be used in cooperation with other interventional facilities in our are to also period less than a set of the land less total sets and less total sets than and the housing automatic the land less total be housed. The land less than a set of the land less the sets denoting the interventional facilities in the sets and less than a set of the house intervention. The particular that the land less that also be also been denoting the intervention of the land less that and the housing automatic house is a defined in the land head house is also that the sets and less that a set and less the land head house is also there denoting that the land head house is also that we denoting the land less that and the house and matching house is a defined house in a set of the content in the double have been removed, and the land has been cut and some maintenance and repain to the frame denoting the land head head head head head head head hea											
Research and Education	1754	2/19/2014	College and High School Ecological Partnership	Develop a 250 yard stretch property that will facilitate botanical and zoological collaborative experiments. This will include developing access-ways to marsh and wetlands and equipment to conduct	Jackson	Yes	No	No	No	No	No	Yes	No	\$-	s -
Reserch and	i 1759	6/1/2014	Workend Recreational Light House and Water Front Development Project	The Cary of Waveleta is a limit oreasted community and frequented by association de univitation and wavelenders that populate the area which make up the basis of the universe to track to the Cary of Waveleta of a basis had entropy. The source is partial area wavelenders that area wavelenders are the area wavelenders and area wavelenders. This overse frequence area wavelenders are the source of the area wavelenders are the source of the area wavelenders. This overse frequence area wavelenders are the source of the area wavelenders area and the source area of the source area and oversed area for the source of the lighting underseaft the pavilies, benefits, special events, outdoor classroom pace, fibiating routes wavelenders area of the source area and oversed area for the source of the lighting underseaft the pavilies, the weet the appropriate ambiance for any event. At the pavilies, families and freedows are area of the source and the source area of	Hancock	Yes	Yes	Yes	Yes	No	No	Yes	10 Yes	\$ 3,800,000.00	\$ 250,000.00
Research and Education	1763	2/22/2014	Brick Bayou restoration project	days from ward. Debris removal from the Bink Bayou streams which runs from the mouth of the escatawpa river into the Pascagoula river and run along side of the Hwy G11. The city would like to restore Bink Bayou Decause Ir nus through Sascenia Vectands consisting of 33 scree of wettainds which runs from Hwy G11 to Hwy G1. The project would include a wettand delineation which would determine the amount of limb tata can be used for other purposes such an alture train, sort complex, how for the first runs frong their training fields.	Jackson	Yes	No	No	Yes	No	Yes	Yes	50 Yes	\$ 300,000.00	\$ -
Research and			Nedical Monitoring Program of Coastal Mitolohypeans	The Bequest for Finding should be generate because it to use of the fip expension abainstruct for consideration which weeks to achieve served of the generation and algorithms engineering and algorithms engineer	Harrison, Jackson	Yes	No	No	Yes	Yes	Yes	Yes	27.6 Yes	\$ 14,121,000.00	5 -
Research anc Education	1 1766	8/25/2014	Deegwater Horizon Ol Spill Impacts: A Pilot Educational Program	The Matrie Education Center (MEC) proposes to Implement a plot education program to inform local students about the effects of the 2020 Deeparater Informal oil gill event. This program would take place during the activation and led to tips for every 3 hand student in a lack occurs (Mic. 1200) to Gal Costa Reveare. Lack Activities will include 300 binnet back to troi of the Dots Beyrus are abound the Microsoft and the Dots Beyrus are abound the Microsoft and the Dots Beyrus area abound the Activation and the Activation and the Activation and the Dots Beyrus area abound the Microsoft abound the Dots Beyrus area abound the Microsoft and the Dots Beyrus area abound the Microsoft abound the Dots Beyrus and Beyrus and Beyrus and Beyrus and Beyrus and Beyrus and Beyrus abound abound the Dots Beyrus and Beyrus abound abound the Beyrus abound abound the Dots Beyrus and Beyrus abound abound the Beyrus abound abound abound the Beyrus abound abound abound abound abound abound abound	Jackson	Yes	No	\$ 102,800.00	S - Curriculum developm						

Research and Education	1767	V14/2014 Grand Bayess Ecological Restoration	The Grand Bayos Costigal Retrotation project in in Campbill Bayos Asyos Caday water-hed PLIC D3120004.401 year of the CA yed Wavehand In Neccos Cada Mayos and 2 particular the interference shore shore State Rev. The project Indicates three interferences water heads and enter fully cash 200004.401 years of the CAS Wavehand PLIC D3120004.401 years of the CAS Wavehand PLIC D312004.401 years of the CAS Wave	1	Yes Ye	: No	Yes	No Yes	No	Ho:	\$ 9,000,000 0 5 · · ·	
Research and Education	1768		The MCC requesting support for a castal habitar retrotrontor project at the mouth of Works Rayou as the City of Cocon Spring, NKC. The disturbed property with a test of a phote residential home construction of mile costal vesticals habitar. Intercontant project at the mouth of Works Rayou as the City of Cocon Spring, NKC. The disturbed property to the Last of The Marcians Action in 2003 on the home was lost of a phote residential home construction of mile costal vesticals habitar retrotronton project and the spring. The Marcians Action in 2004 with the home completed in exity 2005. The home was lost in the Nationapa Costal Rife to Spring. Last Optimized Costal Rife. Costal Rife Costal Rife Costal Rife Costal Rife Costal Rife To the Spring Costal Rife to Spring. Last Optimized Costal Rife Rife Rife Rife Rife Rife Rife Rife	1	Yes No	No	No	No Yes	Yes	10 No	5 158,855,00 5 -	
Research and Education	1771	3/20/2014 Bangs Lake Viewing Pier and Park	In an effort to provide increased access to natural resources, the bange Lake Viewing Per and Park will increase the ecological value of the area by providing a value of ending	Jackson	Yes Yes	s No	Yes	No Yes	Yes	No	\$-\$-	
Research and Education	1772	3/20/2014 Marsh Restoration	This project will use the suffinient removed from the bayous within the Bayou Cassoter PLAux Chenes Watenhold for mark network on pump it via suffixient projecties into an area of open water new the PLAux Chenes BL, Munhes within the watenhold bayous days to provide the suffixient and the suffixient project from the first project will be transported via suffixient particular bayous the suffixient provide suffixient and the suffixient provide suffixient provide suffixient and the suffixient provide suffixient provide suffixient provide suffixient provide suffixient the suffixient provide suffixient provide suffixient provide suffixient to the suffixient provide suffixient provide suffixient provide suffixient provide suffixient provide suffixient to the suffixient provide suffixient	Jackson	Yes Yes	s No	Yes	No Yes	No	No	\$ - \$ -	
Research and Education	1777	3/20/2014 Gulf Park Estates Fishing Pier Expansion	This project will encode the existing failing giver, while expanding the boat launches to accommodate a warder range of vessel. A pair ware will house oparative planting, basedwarks, lighting improvements, huskingsing, and amenties can be retrievon and the desing statution. The current plan is footal and only the Gal orabit of Bioling with Tereston and additional amenties will increase and enhance the Gal orabit of Bioling with and the rest orabit of Bioling and recreation at activities. He expansion of the current fishing per along with the restion of additional amenties will increase and enhance the Gal of That estates community plantly of Hin, provide additional access to the natural restores using the Gal and enhance overall recreasion dependences. Within the areas surrounding the Hinding per, additional homelies at ballitation and regoverance water edge treatments. The gal of this project is to increase necreational opportunities available to the adjacent communities and allow improved access to natural resources.	Jackson	Yes Yes	s No	Yes	No Yes	Yes	No	\$ - \$ -	
Research and Education	1783	3/21/2014 Riverwalk Park and Educational Boardwalk Trail	This project will construct a Neuronal Port and Educational Incorduals Trait. The park will be located across the street from the Jackson County Size act. It will be project will portated a park with parking and restronm, and a stream provide stream the street from the Jackson County Size act. It will project will portate the street from the Jackson County Size act. It will be project will portate the street from the Jackson County Size act. It will be project will portate the street from the Jackson County Size act. It will project will portate the street from the Jackson County Size act. It will project will portate the street from the Jackson County Size act. It will be project will portate the street from the Jackson County Size act. It will be under the street from the Jackson County Size act. It will project will portate the street from the Jackson County Size act. It will project will portate the street from the Jackson County Size act. It will project will portate the street from the Jackson County Size act. It will be active a street from the Jackson County Size act. It will be active a street from the Jackson County Size act. It will be active a street from the Jackson County Size act. It will be active a street from the Jackson County Size act. It will be active a street from the Jackson County Size act. It will be active a street from the Jackson County Size act. It will be active a street from the Jackson County Size act. It will be active a street from the Jackson County Size act. It will be active a street from the Jackson County Size act. It will be active a street from the Jackson County Size act. It will be active a street from the Jackson County Size act. It will be active a street from the Jackson County Size act. Jackson	Jackson	Yes No	No	Yes	No No	Yes	Yes	\$ - \$ -	
Research and Education	1787	3/21/2014 lackson County Scenic Water Trail, North Trailhead	This trailing project will consist of a trail head with public boating access, waking trail, hortage museum and outpost. The Catrit Lake Fishing Dudgost will rescance Cater Lake and provide recreational fishing access the horthern Tailband. The Accessod Market Tail Cultural and Resort Cater will regard and access the access on the restruction access the horthern Tailband. The Accessod Market Tail Cultural and Resort Cater will regard and science enters. The cultural cater Resort Cater will regard and the science center will highlight conservation effects of natural willife mainly the efforts of the Pacagoula Wildle Management Acces. This center will also and the provide science center will will highlight conservation effects of natural willife mainly the efforts of the Resort Cater Like Resort Cater Like and provide science. The cater will cater and a provide science center will highlight conservation effects of natural willife mainly the efforts of the Resort Cater Like Resort Cater Like and provide science. The Cater Like Resort Cater Like Resort Cater Like Resort	Jackson	Yes No	Yes	Yes	Yes No	Yes	Yes	\$ - \$ -	
Research and Education	1789	1/21/2014 Marine Education Center Outdoor Learning Area		Jackson	Yes No	NO NO	Yes	No No	Yes	80 Ho	\$ 1031,854.00 \$	
Research and Education	1793	\$25/2016 Educational Fahlbits at the Proposed Marine Education Center	Takes are places to construct a new 2000 e.g. M. MC Exilizy at CRU. Y clears how the Taxing Site. The new MC Exility is an SIII a million dulier EXAA charged explorit gas mostly. The software of the splice charged explores are software of the splice charged explicit. The charged explores are software of the splice charged explicit and others to answer the splice software of the splice charged explicit and splice the splice charged explicit a	F	Yes No	No	Yes	No Yes	Yes	No	\$ 2,782,000.00 \$	

Reserch and Education	1796	6/1/2014	The Crawfish Restoration Trail	Crawfish heip to maintain the sco system by scewerging and earling alge that on bits and plants of sunsing and organs. Crawfish is as a source of food for other axinsks. Because carefuls are samples are simples on any other plants, they are good inclustory of water plants, they are plants, they are plants, they are plants of the plants	Jackson	Yes	No N	io Yes	No	Yes	Yes	No	\$ 300,000.00	\$ -	
Research and Education	1797		Parcel at Tradition	Acquisitors of 270 exerg, currently owned by Columbia Communities, LLC, contigous with the Dearlo Rational Forest is central Harrison Courting, Copier Forg Revension Parcel at Traditions would serve multiple emvisionmental purposes. a which for hear straining and obtain of the testica Neuronal Gene Marching Straining, thereby adapting in the restanction of these natural resources harmed by the JP oil gail, and b. Increase permanent habitat around Gen ¹⁴ . Note, the primary Peresation Parcel at Traditions would serve multiple emvisionmental purposes. a which address the Marching Straining and St		Yes	No N	Ko No	No	Yes	Yes	No	\$.	\$ -	
Reserch and Education	1798	4/3/2014	Malaisipp Nalive American Heritage Program	The Obs Chefe Maximum of Art sits on a four-art stretch of the Maximppi Gulf Cast contigous to the Maximppi Sourd that arterological studies show one sin shaked by American Indian Links. A cetter of case of the Chefe Maximum and an important of the American that and cases. The Maximpi Sourd that arterological studies show one sin shaked by American Indian Links. A cetter of cases of the Chefe Maximum and an important of the American transmission of the Chefe Maximum and an important of the American Indian Links. A cetter of cases of the Chefe Maximum and an important of the Chefe Maximum and an important of the American Indian Links. A cetter of cases of the American Indian Links. A cetter of cases of the Chefe Maximum and Important of the American Indian Links. A cetter of cases of the American Indian Links. A cetter of cases of the American Indian Links. A cetter of cases of the American Indian Indian Indian Links. A cetter of cases of the American Indian Indian Links. A cetter of cases of the American Indian Indian Indian Links. A cetter of the American Indian Indian Links. A cetter of the American Indian Ind	Harrison,Hancoc	k Yes	No N	io Yes	No	Yes	Yes	¥es	ş .	\$ -	
Research and Education	1799		Multifuncted evolution of living shorelines in the Missistepi Sound	Long Sometime (5), we primely designed to control enough one haditoreal what materials that mitarea bablity while generating nature (control enough). The approximate of the control enough of the comparison of the control enough of the control enduced on the control enough of the cont	Hancock	Yes	NO N	ko No	No	Yes	No	No	\$ 5,000,000.00		
Research and Education	1800	4/4/2014	A comprehensive approach for the relatoristic and ecceptor of essential pro- items for keneplic [®] , Ridley sea turtles (Lepidochnyk kenepii) in the Mississippi Sound	tempdf-r videy set utrits are 201cally findingered species: that relies heavy on the north central Guid of Mexico for developmental habitat for foreign purchasing and the special spe	Hancock, Jackson, Harrison	Yes	Yes N	to No	Yes	Yes	Yes	60 No	5 18,000,000.00	\$-	

Research an			Long-term restoration, recovery, and monitoring of manuals and sale turtles in the north central Galf of Masker butters and the Galf Coastal States	In the attempth of BF Deepwater shows 00 Signil, larger numbers of batterious options and attempts have standards with the entrop of the standard standard standards with the	Hancok, Harrison, Jacksor	Yes	Yes	No	No	NO NO	, Yes		Yes	\$ 16,520,879.00 \$ 5,000,000.00	÷ · ·	
Education		413/101		Nation. This project will attempt to capture the true value of our Gulf Mexico States marker resources and starfold to the Nations as whole. Activities include: will include and out carvays, mail surveys, broad include the star of the national star of the Nations as a whole. Activities include will carve will be included and out carves the included in the national star of the National State Mexico Mexico State Mexico M		1								3 3,00,000		
Research and Education	d 1814		Management	This project will help reproduce the finit hat were likeling but onlight. The Guid Monko has a management tool called TQ. The commercial industry hold or patient barres of here fish that can be leased, fixed or unit. There contactes down of the shareholders that we milling to lease and on their organizations that the fish can reason in the water to reproduce fine fauture. This will benefit the resource by allowing the fish to stay in the water and reproduce for the future. This reproduced no will help restore the resource that was made sixk by the oil guill and died. This will benefit the resource by allowing the fish to stay in the water and reproduce for the future. This reproduced no will help restore the resource that was made sixk by the oil guill and died. This project will not only help restore but will help give back to both the recreation labers and commercial fishers as well as the consumer of this resource by allowing the fish to remain in the water and reproduce. This is a project that will do scardly what B water but was well as the consumer, of the resource by allowing the fish to remain in the water and reproduce.	Hancock, Harrison, Jacksor	Yes	Yes	Yes	Yes	No Ye	s Yes		Yes	\$ 8,000,000.00	ş -	
Research an Education	d 1815	10/16/2014	A Pogram to Auses and Trest Readcape Sources of Aquite Convolten Degradation in Coastal Ministopp, Alabama, and Louidianz. Phase I - Readcape Assessments	The poposed five-year program would implement the specially designed Backcape Watershed Recovery Program (RWPP) to asses, develop prescription, truet, montor, and disaminate information for reducing unparted and company and borney of taxas in the appointance (JSC Sog surver (HL 1224, AZ) exerts) (exel, Taxagala, Mable Tombigher, and Alabam Niert Batas within Missippi, Alabam, and Louisana (see Attachment Program Work Ares Map). The primary resource areas addressed by the RVP include water quality, auscit: habitas, rure and imperied austits: specie, invariant environment and	Hancock, Harrison, Jackson, 32 othe additional counties	Yes	No	No	No	No Ye	s Yes		No	\$ 2,343,000.00	ş .	
Research and Education	d 1816		A Program to Autors and Treat Readscape Sources of Aquatic Exosystem Regradation in Coastal Ministopi, Alabama, and Louislanz. Phase II - Roadscape Prescriptions	The program few-year program would implement the special globage floating with the Berovery Program (RWPF) to asses, develop prescriptions, true, nonton, and disaminate information for reading our propert of accessing and berow pit asses in the appointently (250 grame mill: L1204/2004); Path, Frankgau, Mabile Tombjele, and Alahama River Basilian within Missippi, Alabama, and Louisana (see Attachment Proposal). The prinsury resource areas addressed by the KWP AlaQA core) Path, Frankgau, Mabile Tombjele, and Alahama River Basilian analysis species, and River Alamam. The Missibus Alamam River Basilian practices to improve decision making that result in the on the ground implementation of usualizable, long term solutions. The program is divided into the planet resolution practices to improve decision making that result in the on the ground implementation of usualizable, long term solutions. The program is divided in the Missibus resolution practices to improve decision making that result in the on the ground implementation of usualizable. Long term solutions. The program is divided in the Missibus resolution and discussed in the Attachment Proposal. Haal L enclopes the Miding from Rhaue L to develop prescriptions in strend basets here the implementation and the making term species. A high-priority site is one destrifted a having a high potential for environmental implementation and a baset mush the species and property sites, and an exercising transmissing respecies and practices with Missimut on outside to minimizing project failors, maximizing the effectivenes and transmissing the effectivenes and practice and a point contrast one minimise angineers, and practices with Missimut on the contrast of the minimizing project failors, maximizing the effectivenes and transmissing the effectivenes and a contrast one failors than interviet planet stand angineers, and practices with Missimut on the contrast of the minimizing project failors, maximizing the effectivenes and transmission of analable londs, and fal	Hancock, Harrison, Jackson, 32 othe additional counties s	Yes	No	No	No	No Ye	s Yes		No	\$ 995,000.00	\$.	
Research and Education	d 1817		A Program to Avues and Trest Readscape Sources of Aquite Covente Degradation In Coastal Miniscippi, Alabama, and Louisianz: Phase III - Rodscape Treatments	The program for-year program would implement the special diverged Exact-spec Water-held Recovery Program (RWPV) to asses, develop preceptions, truet, montor, and disteministi information for reducing our parked and according and the programment (2) Stop quarren (III: 12)ARD carry least, PLanguad, Mubile Tombjelee, and Albanam New Basin within Mississipu, Albanam, and Laubiana (see Attach-meet Proposal). The primary resource areas addressed by the KVMP include water quality, exacts: holitypes, more all impainted equatity species. And the species of the spe		Yes	No	No	No	No Ye	s Yes	80	ND	\$ 7,913,000.00	\$-	
Research an Education	d 1818	10/16/2014	A Pogram to Asses and Treat Roadcape Sources of Apatic Exospert Roadcape In Costal Ministrippi, Alabama, and Louidiana: Phase IV - Roadcape Montoring	The proposed five-year program would implement the special plasting flasting (Waterhole Recovery Regram (WWP) to asses, develop rescription, truet, monto, and disaminate information for reducing upwater and a cross plasting in the paperiating VLS Sol quarter (HL 12)(ABQ core) Yeak, Prescription, truet, monto, and disaminate antih Missingh, Alabam, and Fusikami, and Retachment Proposil. The pinnary resource areas addressed by the KWP include water quality, abuatch babies, more and imperiated aquatity point, and the Missingh, Alabam, and Fusikami, and Retachment Proposil. The pinnary resource areas addressed by the KWP include water quality, abuatch babies, more and imperiated aquatity point, and the Missingh, Alabam, and Fusikami and the antibulant and the pinnary and the molecular addressed and the second and the pinnary and the addresses and the second and the seco	Hancock, Harrison, Jackson, 32 othe additional counties	Yes	No	No	No	No Ye	s Yes		No	\$ 346,000.00	\$ -	

			-											
Research ar Education	d 1819	10/16/DIA 4 Program to Assess and Treat Read-tope Source of Aquatic Ecosynthe Degradation in Costal Ministopy, Alabama, and Louisians. Phase V - Information Dissemination	The perspect five-year program would implement the speciality designed Readingare Waterhebel Recovery Program (RWWP) to asses, develop percerptions, true, nontor, and disaminate information for reading up upwater load Creating and hornow by taxes in the appointance (1) 2005 quarame (int 12,1402 cur) Peak (1,2402 cur). Peak (1,2402 cur) Peak (1,2402 cu	Hancock, Jackson, 32 other additional counties	Yes	No	No I	No N	o Yes	Yes	No	\$ 235,000.00	\$ \$	
Reserch an		5/13/2014 Center for Marine Ecosystem Health	The Centre for Marine Crosstem Health will provide scientific information and technology transfer to reake ecosystem health uses associated with processed preserves on the coastal environment from oil guils, land result, introduction of anticipant evidence information products. The relation of the coastal environment frages of the Coastal envir	Jackson	Yes	Yes	No I	io N	2 Yes	Yes	100 Yes	\$ 6.00	ş -	
Reserved an	d 1827	5/12/2014 Analysis of the productivity dynamics and necessystem health of the durft of Nexico using the sentirel species Gulf menhaden	The GLP device (CMP) is depand: and productive region that provides a variety of excivation services, however, it is subjects to a range of choric and exploration, name and a devicepagnetic impacts, in order to understand with the estication, and understand with the estication, and understand with the estication of the exploration is necessary. In this proposed, and with the strain, and understand with the estication of the exploration with the exploration is necessary. In this proposed is and explorational is a subset of the exploration is necessary. In this proposed, and the exploration is a subset of the exploration of the explorating thexploration of the exploration of the exploration	Jackson	Yes	Yes	No I	¥G R	2 No	No	No	\$ 2,923,716.00	\$.	
Research an Education	id 1829	5/13/2014 Cumulative invasit Accountent Tool for Ecosystem Bared Management	A malign enteration pojects are insplemented in the entern Garf of Mexico, New 1s area do understand and guartify inspacts on the exopetime. This Mexico inspacts are most that distance international and the state interaction will and stately in a distance inspacts are most metric distance balance inspacts are most metric. A consequently, a metric of an insplementation programs. The Mexico inspacts are most metric distance balance inspacts are most metric. This aregues it to devide an independent of a distance balance inspace metric metric. The inspace is to devide and display a stateh and enternation taken inspaces metric and provides are most metric. The inspace is to devide and display a stateh and metric conducting exemution and and insplay the exotence inspace is the instance of the inspace is the instance of the i	Hancock, Harrison, Jackson	Yes	Yes	No Y	res No	9 Yes	No	Yes	\$ 7,500,000.00	\$-	
Research an Education	id 1830	5/13/2014 Carting a mechanistic functional indicator o hypora and ocean warming	The proposed project will contribute to a functional explanation of responses by benthic organisms to changing and interacting gradients of disorded oxygen and temperature, stresson subcidited with two primary coatal health concerns, namely hypotia and clinate change. Furthermore, this research will like the next logical target toward producing Munchen Minder and Program and Emperature, stresson subcidited with two primary coatal health concerns, namely hypotia and clinate change. Furthermore, this research will like the next logical target toward producing Munchen Minder and Program and Emperature, stresson subcidited stress have the most of the Monoset processon of Autocomparity counting. Ad doals concerns, fundamentary the produced structure is a stressoft cregorization, toroph energific parameter and target fundamentary and the produced structure is the head to advect the produced structure is the head toward the produced structure to the head toward to bench structure is compared to bench supportant rates balance model (MMMI) to examine how autocological processes would interact to exist the most of advect toward to bench supportant interes halance model (MMMI) to examine how autocological processes would interact to exist temportal changes in homas-size distributions under adhematice within the MMMI will be access the facultation and the context of the model structure is compared to bench supportante is compared within the context of a the cares the facultation and the context of the provide structure within the MMMI will be access the facultation and the context of the provide structure structure within the MMMI will be access the facultation and the context within the MMMI will be access the facultation and the context within the MMMI will be access the facultation and the structure structure within the MMMI will be access the facultation and the structure structure within the MMMI will be access the facultation and the structure structure structure structure structure within the MMMI will be acces	Jackson	Yes	Yes	No I	10 N	> Yes	No	No.	\$ 2,000,000.00	\$ -	

· · · · · ·	search and													\$ 1.419.000.0	- 1 -	
Edi	ucation	1831		Artifical reefs and hypoxie: examining linkages and effects on reef fish populations	Antificial rest are commonly built to create fish habitat in hoges of increating fish tacks. The Manisappi UMB has created many shallow rest within Manisoppi Source in called and operate that in Manisoppi Source in the source of tacks. The Manisoppi UMB has created many shallow rest within Manisoppi Source in Manisoppi Source in the source of tacks. The Manisoppi Composition of the Manisophi Composi Composition of the Manisophi Composition of the	Jackson	res 1	No No	No		tes No		NO -			
	search and ucation	1832	5/13/2014	A management strategy evaluation for averaging costal bubbles and ecosystem services in the northern Gulf of Mesico	The coast contenent and lated blatter, in the northern GMI of Medio (GMI) are subject to a range of chronic and spinode impacts. In order to maintain the health of these ecologically critical healtars, while blackers, in the standers where considering accounting and blackers in the northern GMI of the ecological discussion and blackers in the northern GMI and quarkly the blackers, and planters are the Coastal Ecology Group at the discussion blackers and planters bears of the internet with coastals and the northern GMI and quarkly the blackers, and planters are the coastal Ecology Group at the discussion blackers are the internet with coastal the northern GMI and quarkly the blackers, and planters are the Coastal Ecology Group at the discussion blackers are the internet with coastal. The internet with coastal the internet with the search. The internet with the search. The internet with the search the internet with the in	Jackson	Yes	No No	No	No	Yes No		NO	S 3,739,000.0	ρς, -	
Res Edi	search and	1834		Mitaliagip Taberies Gesongraphy. Montoring and Assessment Program (MCMAP)	Variability in the encodenet of numeric fibers to add appations is tagler related to the variability encodenet of large provide notability denotating and favore file and burners. The encodenet of large provide notability constraints of large provide notability encodenet of large provide notability of large pr	Jackson	Yes	res No	No	No	Yes Yes	30	No monit	\$ 2,055,750.0	ο s	
Re Edi	search and ucation	1835	5/14/2014	Ecological assessments and development of findencies independent data and environmental indices for offshore pelagic habitats	cease comptems are gen systems where biological components are connected through complex interactions of the history strenges and phycical process. The distribution of floating's Supprimum is the norther Guid's Mexica and the spatialized provide local and the local complex interactions of the history strenges and phycical process. The distribution of floating's Supprimum is an otherwise featureles (battering by triggerfs), block to this, main hand, whole whole the process. The static Supprimum is and is Supported to the source of the process. The static Supprimum is a provide through the static st	Jackson	Yes	No No	No	No	Yes No		40 monit	orin \$ 5,620,000.0	0 \$	
Res	search and ucation	1836	5/14/2014	Sei Mach Restoration - Functional Equivalency Assessments	In light dranges to oft more resources following the Devil of ginit. It is anticipated that substantial directs will come for enteroid an anticipate of the content of a direct of the content of t	Jackson	Yes	fes No	No	No	Yes No		10	\$ 8,000,000.0	o s -	

	1837	5/14/2014		·										\$ 1.440.000.00	r		
Receipt of and	1837	3) 14/2014	salmanhes to crude oi scroar, gradients of invertine inputs and wave energy	The complexity of of astual remover from significant sum and performance and p	Jackon, Hancock	16	NO		NO		ε» τυ		NU	3 1,440,0000	3 •		
Research and Education	1838	5/14/2014	GCRL/MEC educational vessels program replacing the B/V itermes	The RV Herms was built in 1955 and has been a workhone vessel for GCRL ever since. Its primary mixion has been to support to field needs of the Marine Education Program. However, the RV Herms has limited capacity and gowth of the MET (new register) and gowth of the MET (new registe	Jackson	Yes	No	No	No	No 1	io Yes	2	00 No	\$ 200,000.00	\$ -	Equipment de	relopment
Research and Education	1839	5/14/2014	Modernization of GCIME*'s research infrastructure on the Histota Compus	Lets: physical plants not modern and to be energine information, but materiposts basing preventary operative networks of planticity in produced is a compared to a service of the energine information energy efficient power plants. Subjects of electricity and energine information of the energine information energy efficient power plants. Althered backstophylicity will prevent and energine information of the energine information energy efficient power plants. Location (Cfic, Country): Clean Simpler, Lactons, CGL subjects the the Clear Point Campus. Removation of the electricity will prevent interaction and of the energine information of the electricity of the subledings. CGL anticipates is that there encountions will reduce, not increase, there will this investor and energine information and enclosed control in the encountion is subject and the encountions will reduce, not increase, there will this investor and enclosed backstary to CGL subjects the removation to subjort a wide range of science program simel at fuberies,	Jackson	Yes	Yes	No	No	No Y	es Yes	Ľ	00 Yes	\$ 1.92	\$ -		
esearch and ducation	1840		Rederge of GCII. Holitese Compos entrance, vehicular routes, and boat access	EXEL®* main entores is a radie band exement across a suppliciting piece of property. Due to sudered into, this entrance is broaded preventing subjects from attending work on some draw and insign the entranjenset of entryleys and subjects integrity of an attending across of the entrances of a consultance integrity and across the attending across of the EXE program has suturated available the entranjenset of entryleys and subjects integrity of an attending across prevents on without providing a positive experimer of the WEC program has suturated available to the program and exact in the entrance of the entrance integrity of the entrance of the WEC program has suturated available to the provide and entryle of the entrance of th	Jackson	Yes	Yes	No	No	No	es Yes	2	00 Yes	\$ 735,000.00			
lesearch and	1841	5/14/2014	Design and construction of exemptive beinging and expanded diring capacity supporting the Marine Education Center	CEL drive a same of over-right and short-term indegs for withing stantists, and visiting taskets and standards participants in the visition grapment affeed by the basine Education Canter is 2013, the variability of versify toding was addres determined of the number of participants in the Marine Education Canter is 2013, the variability of versify toding and a direct determined of the number of participants in the Marine Education Canter participant, and variabile bed wave filled. An anoping economic feasibility with yows the potential for the MICL in increase its current participant numbers to double to tessing capacity with the addition of appropriate bolical capacity of conferences, and and retrate program and access professional and standard grapment. Additionally, several of the MICL ² is scheduled a participant have indicated a similar program standard appropriate bolical capacity of conferences, and and retrate program and access professional and schedule and the participant of the MICL ² is scheduled a participant to any scheduled access professional and schedule grapment. The addition of the participant is addition of the MICL ² is scheduled approximation provides additional housing markets and professional programs agreent spontantiss. The contaction profession of the MICL ² participant of the MICL ² participant and the schedule additional program schedule approximation provides additional housing markets and professional programs agreent spontantiss. The contaction profession of the MICL ² participant of the MICL ² participant and the schedule addition of the MICL ² participant is additional program. Schedule addition of the schedule addition of the schedule addition of the MICL ² participant is additional program. Schedule addition program is additional program is additional program in the schedule addition of the schedule addition of the schedule addition of the schedule addition program is additional program in the schedule addition of the MICL ² participant is addited addition pro	Jackson	Yes	No	No	No	Yes 1	io Yes	1	00 No	\$ 335	\$ -		

Reserve and	1842	5/14/2014	Marine shring familing industry for Misiatappi	Over ninety percent of all shrimp consumed in the United States is imported. Our current seafood deficit exceeds \$108 annually. The focus of the Marine Shrimp Farming Industry for Massissippi program (MD/M) will be the demonstration and transfer of closed system, bioacce production technology for marine shrimp to develop amount which percent products in a casaf Massissippi Cooke Shocks with a strate shrimp farme shocks and the exceeding will be produced for marine shrimp to develop amount which percent products in products of cooke Shocks with a strate shring in the strate shocks will be produced for marine shrimp to develop amount which and the product indicates and the strate of the strategies of the strategies of the strategies of the strategies of the strategies of the strategies of the strategies of the strategies of the strategies of the strategies of the strategies of the strategies of the strategies of the strategies of the strategies of the strategies of the strategies of the strategies of the st	Jackson t	Yes Yes	No X	io No	Yes Yes	30 Yes	\$ 550 \$ -
Reserve and	1843		Development of an Aguscultured bat Industry for Mississippi	The project will provide reserch, development, and technology transfer to develop an aquachture based bai industry for south Mausippi. Many recreationed and the bait tuppiers to the provide reserch, development, of the technology transfer the provide of an aquachture based bait industry for south Mausippi. Many recreationed and the bait tuppiers in the provide reserch, and the provide reserch, and the provide reserch, and the provide reserch and development. If the technology transfer the provide reserch and development of the technology transfer theory is more than the technology transfer theory is and the provide reserved r		Yes Yes	No b	io Ye	No Yes	SO Yes	5 200 S -
Research and Education	1844	5/22/2014	Gulf of Mexica Marine Stock Enhancement and Retoration Consortium	In eff description of activities: We will develop a multi-state consortium to address scientific, hackbery-based restoration and enhancement of excommaily important manne finding species patients in manned by consortium terms in developed in the patient of the	Jackson	Yes Yes	No h	io No	Yes Yes	40 Yes	S 30,000,000.00 S
Reset and Education	1847		Derekspirg aquachture for track enhancement of cosmically important marine fakes of the northcentral Gulf of Mexico	Intel description of activities: The objective of the project to is develop the activities and objective of the project to its develop the activities of the project to its develop the activities of the project to its develop the activities of the activities of the project to its develop the activities of the activitities of the activities of the activi	Jackson	Yes Yes	No b	io Ro	Yes No	Yes	5 54,000,000.00 S
Reset and Education	1848	5/28/2014	Gulf of Mexico tuna aquaculture program	Intel description of achiets: Tura an among the most valuable finding species in the world and se subjected to have finding pressure. In fact the Matter Matter have a new provide and doubter and characterized to have finding pressure on will actore and an antime of the set of the set of the disord benefician and the set of all characterized and constrbutes to relating and activation of the set	Jackson	Yes Yes	No b	io No	Yes Yes	15 Yes	\$ 30,000,000.00 \$ -

Research and Education		Red angeper studie enhancement in support of the recreational factory of Mississippi	In a developent of anythics CRE Lis Is lander in the development of intensity, low-water use, high bit sectority outputs of derived periods by developent of anythics. Sector High bit sectors of anythic content is applicable to accord to any the term of the accord to anythic content is applicable to accord to anythic content is applicable to accord to anythic content in the development of anythic content is applicable to accord to to	Jackson	Yes Ye	5 No	No Yi	s No	No	Ves	5 10,000,000 0 5 ·
Research and Education		Improving find tack assessment and management in the horthern Gulf of Mexico using food web dynamics	Biel description of activities: In the assessment and management of this and investibular resources in the CIII of Maxico (DOML, major issue to adabited on a comprised index of adapting in adapting		Yes Ve	s No	No N	5 Yes	No	No	
Research and Education		Impact of climate variability on population dynamic of estuarine, red and offshore petage. Fuhrry spoces.	Biel description of activities: Decare: atmosphere modes of valuability from the Atlancic and Taplic Qeean have been linked on meteorology, hydrology, butchances of entance trade enterological and hydrological impaires and entone on another to enterological and there and enterological and there are excited. Based on the time of biological collections, numerical models will be used to simulate excitations, and enterological and there are an enterological and there are excited. Based on the time of biological collections, numerical models will be used to simulate distance there are also and there also and there are also and there are also and there are also and there also are also and there also are also and there also are also and there are also are also and there are also are also and there are also ar	Jackson	Yes Ye	s No	NO N	No	No	No	\$ 1,200,000,00 \$ -
Research and Education		Establishment of an effective biomonitoring program to assess and protect coastal faiheries	and decorption of activities. Fage of a decorrect assessment of the health status of contral fines is a vid component of fiberes management, environment and econ restoration efforts. Many anthrogenetic comminants from swape confid, coatal notice management, and contral endower is accurated and annie section control is and contral endower is accurated and partice sections. Leading to increase decogramme of a dement- sanciated sports to both higher decourse decourse of accurate fines is a vid component of fiberes management, leading to increase decogramme of a dement- anciated sports to both higher decourse decourse of accurate intervent securities in terms and partice sections. Leading to increase decogramme of a dement- anciated sports to both higher decourse decourse of a section and accurate intervent parent in the vid accurate of accurate component decourse dec		Yes Ye	s No	No N	D Yes	No	No	5 1.480.000.00 S -
Research and Education	3853 6/3/2014	Golf of Maxico large pelagic fishes tracking program	In def decemption of devinites: Large parage, fait paperies, such as bite marin, califits, Muellin taus, and eliminedine taus, including harves waters of the Guild Movel and alten understate encourse mignations to accound services (in Hishware) requirements, cancing harves, multiplier management in the process. The services are of significant sologistical and economic importance, yet management measures for sustainability of their tooks are often insufficient to the tool test of the last of theorem, the services are of significant sologistical and economic importance, yet management measures for sustainability of their tooks are often insufficient to the tool test of the last of theorem parameters of the sustainability of their tooks are often insufficient and provides a baseline for assessing future episode data with benetics specific biological factors. Use of statilities tags will all in better defining management juridictions specific to each species and will provide a baseline for assessing future episode works in the marines environments, work a departed relial in colored from gramagement juridictions specific to each species and will provide a baseline for assessing future episode means in the marine environments, works a departed relial in better defining management juridictions specific to each species and will provide a baseline for assessing future episode frainstructure cost (prevent). Scena Singing, Jackson County information: relevant to the dest SIOE SIGE structures are not assessing future episode are diseasers. The data with the SIOE structure areas constrained for the sena will blo benergy with data second (prevent) areas on one ASISCE future 3 the sengrate data will be blo senses. The senare areas, including for beens and flexesch & Education, and pertains to specific priority items for: Second Researds, Teherres; Ecosystem based Management; and Comprehensive Observation, Mantering and Mapping. Information relevant to Economic Development (e.g., new construction, new employment opportunitis,	Jackson	Yes Ye	s No	NO N	9 Yes	Yes	50 Ne	\$ 7,250,000,00 \$ -

Re Ed	search and lucation	1854		Quantitative fisheries assessment program	Brief description of activities: Proper Ruberies management relies on quantitative assesuments of exploited tooks to aleguard against overflahing and depletion of fishery resources. Maintaining the large tem productivity of Ruber datas, ensures a vibrare and usuanable economic base. Quantitative assesuments inform management decisions to restore overflahed or inflerivities impacting of the dataset of tem the viscous fibrary economic base in the strategies and the strategies in more target parability of the strategies and the strategies a	Jackson	Yes Y	ES N	o No	но	Yes	No	No	\$ 2,150,000,00 \$ -	
Ēd	lucation			initiative within Schlifti Gislance Center for Marine Fisherica)	which provide scademic resource to fining businesses throughout the Gulf cass.(L) (UCIC creaters are designed by KV to provide the opportunity for the business community to obtain access to address cases to address to add		165 1	ES PA	o 140	15	NO	ĸo	163		
Re Ed	search and lucation	1856	6/3/2014	Completion of Shelf and Stope Experimental Takhonomy initiative (SST1)	Bief description of activities: SET in a long-term experiment designed to evaluate the fator of autonation the outer well and upper vispor of the Guid / Heaving. These regions include hadgeounds and caption fator for the projection of the set	Jackson	Yes Yi	es N	io No	Ne	Yes	No	No	S 1.500,000.00 S -	
Re Ed	search and lucation	1857	6/3/2014	heroisum instatt on tone jihed deep water onal and geoponte soyutent: The role of selficior carbonate in deep habitat formation and resilience	Investigate the development of authomic automate hardprounds consistent with the stages in the evolution of the local hardpround consumity and expressional endergonales, strateging address from enderging (21 address) and address and a	Jackson	Yes N	o N	io No	No	Yes	No	No	\$ 1,500,000.00 \$ -	
R	search and lucation	1858	6/3/2014	Deep-se and population dynamics in the Guid of Mexics: David Ingenzal and generic connectivity between northcenteal and eastern Guid populations of Chaceon	Bird description of activities: Understanding the processes that determine regional biogengraphy, population connectivity and sports recovery following catarophic events in crucial pine the increasing number of herbogenic cativities, including resource catarophics, that treat and personal connectivity and sports (information for management and retrotation is traveleding of genetic connectivity, liver transport mechanism, probable source populations, factoria of generatic connectivity, and sports of management and retrotation is traveleding of genetic connectivity, liver transport mechanism, probable source populations, factoria of generatic connectivity, and propulation size. The target set of the description of target personal set of the description of target personal set. The target set of the description of target personal set of the description of target personal set. The target personal set of the description of target personal set o	Jackson	Yes V	s N	o No	Но	Yes	No	No	S 3.000,000.00 S -	

Research and Education	1859	1/1/1900	Genetic monotoning and repository of genetic resources for important Gulf This spaces	Bird description of activities: (Birds to assues the effects of environmental atressons such as the Deepwater Horizon or spin of environmental atressons are such atressons or spin of environmental atressons orespon atresso or spin of environmental environmental	Jackson	Yes Ye	s No	No	No	Yes	No	No	\$ 12,000,000 00 S -
Research and Education	1860	6/3/2014	Implementation of DyPoEIn (Dynamic Population Genetics (Engine) to identify significant impacts of resource management collisions on finith and statifish stated connectivity, genetic selection, and genetity/c clientity	In ef exciption of activities: A gene based population dynamics model, Chyfoldi (Dynamic Population denice): Engine I has bene developed with funding omer the XV Biocomplexity and Coolege of infectious Disasser grams. This model is configured to simulate the genetic structure and opulation dynamics of provide provide a population dynamics of the technosomal complexity and the derived from the structure of each annual a defined in terms of its dynamics and chinements can chinementary assets of previous and under the structure of each annual a defined in terms of its dynamics and chinements can chinementary assets of previous and under the structure of each annual defined in terms of its dynamics and the structure of each annual defined in terms of its dynamics and the structure of each annual defined in terms of its dynamics and the structure of each annual defined in terms of its dynamics and the structure of each annual defined in terms of its dynamics and the structure of each annual dynamics and the structure of each annual dynamics and the structure of the structure of each annual dynamics dynamics and the structure of each annual dynamics and the structure of the structure of the structure of the structure dynamics and the structure of the structure and the structure of the structure and the structure of the structure dynamics and the structure of the structure and the structure of the structure and the structure of dunges in population and carbona and carbona terms of the structure and dynamic model. As arbona terms of the structure of dunges in population dynamics and the structure of dunges in population and the structure of the structure of dunges in population infamicture config structure and the structure and the structure of the structure of dunges in population constructure of the structure of dunges in population constructure of the structure of dunges in population constructure of the structure of dunges in populating and structure of the structure of dunges in population construc	Jackson	Yes Ye	s No	he	No	Yes	No	No	\$ 150,000,00 \$ -
Research and Education	1861	6/3/2014	Monitoring the rat lungworm	and decemption of activities: The primary goal of this regrets to is monther the insulance of targetures (the prime of targeture) that activity of the prime of the regrets of the targeture of the targetures (the targeture) that activity is the targeture of the targeture of the targeture of the targetures (the targeture) that the targetures that the targeture targetures that the targetures that the targetures that the targeture targetures that the targetures that tar	Harrison, Jackson, Hancock	Yes Ye	s No	No	No	Yes	No	No	\$ 1,150,000,00 \$ -
Research and Education	1862	6/3/2014	Monitoring Dermo in Musicsippi cysters	In de devotes (to veloce to veloce to veloce activity monto organica Materiago (or "omes", "Materiago has based and second countries in Materiago has readed in the activity of the organica material program of the second countries of the second co	Jackson	Yes Ye	s No	No	No	Yes	No	No	5 1.175.000.00 5 -
Research and Education	1863	6/9/2014	Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Living Shoreline Protection and Marsh Restoration	Hardening the Bay of Saint Louis with oyster and clams, reintroducing sea grasses along the shoreline compatible with tidal hydrology and salinity; monitoring both conservation and recovery are components of this project. By hardening the Bay of Saint Louis with oyster and clams, water quality will be improved. Encolon as seen on sides 4 and 5 should be reduced or eliminated and monitoring stations should show anticipated accentor.	Hancock	Yes Ye	s No	Yes	No	Yes	No	No	\$ 740,500.00 \$ -
Research and Education	1864	6/9/2014	Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Water Quality Restoration Enchancement Project	Stream restoration, sedimentation control, dick bank restoration, habitat restoration, natural resource and monitoring both conservation and recovery are the components of this project. Stream restoration will enhance the quality of water in adjacent waterways in addition to detention ponds and overflow discharge outsils located within the Chy. In conclusion, the project restores streams and drainage discharge areas to its original state with the addition of sediment traps which makes beneficial use of runoff.	Hancock	Yes Ye	s No	Yes	Yes	Yes	No	Yes	\$ 1,688,000.00 \$ -
Research and Education	1865	6/9/2014	Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail	by accessing an elevated boardwalk the estuary becomes a living laboratory, information stations educate and monitor bird populations, next areas and health of various wetland plants and ultimately water quality.	Hancock	Yes Yo	s No	Yes	Yes	Yes	Yes	80 Yes	\$ 5,720,500.00 \$ -
Research and Education	1866	6/9/2014	Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Marine Education and Recreation Restoration	In conclusion this project simulates public interest and support as well as education and participation in recreation information, seafood participation and events of the project onsist of a marine education care recreation. Identifies a special provide name education care recreation. Identifies a special provide name education care recreation. Identifies a special provide name education and extreme provide name education and the education information and monitoring stations at strategic locations along the 9 mile route. In conclusion this project simulates public interest and support as well as education and participation in recreation information, seafood participation and water quality.	Hancock	Yes Ye	s No	Yes	Yes	Yes	Yes	40 Yes	\$ 1,370,500.00 \$ -

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Image: Note of the second state of the seco	
Education Nutrient Criteria on Mississippi Communities Research Goal	
The overall goal of this research is to better understand how Alternative Numrier Nutrient Criteria (NNC) can impact Mississippi (MS) communities. We include agriculture, urban storm water, septic,	
municipal waterwater, industrial and state resource agencies as the affected sectors in these communities. For each sector, the cost of adapting to a newly proposed NKC will be estimated. For example, we propose to estimate the cost of substrating to use the agricultural actor including, but not limited to, new crops, specify, and cafib. Total costs will then be aggregated across sectors and a regional and state wellow memory the example of the source of the s	
under the Environmental Protection Agency (IPA) directives. Where possible, we primarily follow the methodology for estimating costs per sector under uncertainty as described by the Florida Water Quality CosilionAC** 2010 study.	
Research Study Area	
The State of Mississippi (44,44 mit) has nine major mathematic (44,64 mit) has nine major mathematic (44,60 mit) main major mathematic (44,60 mit) main (44,60	
James Barnes (P) Assistant Extension Professor, Dept. of Agricultural Economics, Mississippi State University	
Matthew G. Inters (Co-Pi)	
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affect marine resource populations and their movements in Mississippi waters. Current parameters of water temperature, stage, conductivity/alinity and anticipated additions of turbidity, disovied ovgen, pit, etc. would be transmitted continually, the MDMM website. Marine resources maagers, fublement, and the general public would have more instant information with which to make fielder decisions. Historical data would be used to carriest transite and the information with a phonements.	
Reserve and Education and 11/17/2011 Restoration initiatives at the INFINITY Science Center provides a unique opportunity to monitor the mipacts of the oil spill and educate the public about coastal wetland balanta. Through handso activities in the Early gallery, as well as the there wetland balanta. Through handso activities in the Early gallery, as well as the there wetland balanta. Through handso activities in the Early gallery, as well as the there wetland balanta. Through handso activities in the Early gallery, as well as the there wetland balanta. Through handso activities in the Early gallery as well as the there wetland balanta. Through handso activities in the Early gallery, as well as the there wetland balanta. Through handso activities in the early gallery as well as the there well as the early early the transmit on the early gallery and the gallery and the early gallery and the gallery and the early	
as well as in the field, visitors will kern about wettand plants and participate in restricting vegetation in the exactly Pearl New waterched. Nature trails to the East Pearl Biver, which flows: into the Missiopi Sound/Qiul of Mexico, will comment with 49 miles of service hypering. The INFINITY trails will provide opportunities to monitor the impact of the spill on local wetlands, atable wetland birs socies and wetland deendedm miniatory socies.	
Research and 206 10/24/2011 Long-Term Recovery of Guil Shorebirds and NOAA Project IDB 11413: This collaborative proposal supports three strategies that contribute to the full recovery of shorebird and coastal waterbirds populations impacted by the oil spill, while Education by Waterbirds by Birds by Waterbirds by Waterb	
split. Ji torease the regional hereding spoulations of 12 spaces of beach and island neeting waterbirds and donebriefs that were directly impacted by the oil gibl Jb 1000-16/00 blobs by improved means and the oil and that inclus and is . Biorease are subtanded through lower feast waterbirds and donebriefs that were directly impacted by the oil gibl Jb 1000-16/00 blobs by improved means and the oil and that inclus and is . Biorease are subtanded through lower feast waterbirds and donebriefs that were directly impacted by the oil gibl Jb 1000-16/00 blobs by improved means and the oil and that inclus and . Biorease are subtanded through lower feast waterbirds and donebriefs that were directly impacted by the oil gibl Jb 1000-16/00 blobs by improved means and the oil and that inclus and . Biorease are subtanded through lower feast waterbirds and the oil and the	
avoiding a common shortcoming of conservations actions - that is, deminishing returns oner time because of lack of resources to matriata those initial gains. The plan proposed below will ensure the long term recovery and health of barl (coast shortborld and other waterbid populations affected by the Deepware Horizon I pull. These strategies are ment to complement, not duplicate, other stutibies (e.g., coastil marks and barl coast) the submitted in the strategies are ment to complement, not duplicate, other stutibies (e.g., coastil marks and barl coast) that we likely to be understated by you praverse include the National Audubon Society, U.S.	
activities (e.g., costain marring and cameric studies resource) for at an usery to be extensional or proteins and proteines. They partners is not lunce to resource proteines (e.g., to be extensional or proteines) and cameric and the formation (and proteines). They are also because (e.g., to be extensional or proteines) and cameric and the formation (and proteines). They are also because (e.g., to be extensional or proteines) and cameric and the formation (and proteines) and cameric and the formation (and proteines). They are also because (e.g., to be extensional or proteines) and cameric and the formation (and the extensional or proteines). They are also because (e.g., to be extensional or proteines) and they are also because (e.g., to be extensional or proteines). They are also because (e.g., to be extensional or proteines) and they are also because (e.g., to be extensional or proteines). They are also because (e.g., to be extensional or proteines) and they are also because (e.g., to be extensional or proteines). They are also because (e.g., to be extensional or proteines) and they are also because (e.g., to be extensional or proteines). They are also because (e.g., to be extensional or proteines) and they are also because (e.g., to be extensional or proteines). They are also because (e.g., to be extensional or proteines) and they are also because (e.g., to be extensional or proteines). They are also because (e.g., to be also because (e.g., tobe also because (e.g., to because (e.g., tobe also because	
regional recovery of imperiled species. This proposal builds directly upon those initial investments.	
Research and 2067 10/21/2011 Addressing Marine Debris to Expedite Recovery along the Guil Coast resulting from the Deepwater Horizon oil spill will require a subte of restoration projects. In addition to physical marine restoration (Guil of Mexico Recovery along the Guil Coast resulting from the Deepwater Horizon oil spill will require a subte of restoration projects. In addition to physical marine restoration (Guil of Mexico Recovery along the Guil Coast resulting from the Deepwater Horizon oil spill will require a subte of restoration projects. In addition to physical marine restoration (Guil of Mexico Recovery along the Guil Coast resulting from the Deepwater Horizon oil spill will require a subte of restoration complex to marked resources. This of the spill restoration of the spill	
existing marine debris as well as the prevention of Mutuari barrets and some instruction of Internet for Users and Internet to exactly for species and halbater recovery as did	
Coast at an accelerated rate. Specifically, this poject will deficitively coordinate and accentates tavo year, internes outnees hand education campaign that will result in lasting changes after the poject is campied. Horst at the NOAA Disaster Response Center in Mobile, AL, and coordinated as a NOAA partnership project will the NOAA Marine Delaws Regrams alead coordinated on the poject is well- engage all the exter, maintain and improve partnerships with state and local organizations, and strengthen poloci exgetiment across the Gall. This project is well-full graded to involve and	
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region. At has been successfully demonstrated in previous projects in the Gulf of Mexico, Sea Grant extension agents have a unique caacity to strengthen community involvement - including select	-
derive removal that will have the most impact to improve the excluding labelsh of the duff. Key contacts associated with this project will incorporate previous projects in the project will incorporate previous projects in the duff Markov, Sec. But and the subject previous projects in the previous projects in the project will incorporate prevention and encode will benefit the indicated unstruct and unstructed in previous and unstruct the duff Markov, Sec. But the duff Markov, Sec. But the project will incorporate prevention and encode will benefit the indicated unstruct and unstructed in prevention and encode will benefit the indicated unstruct and unstructed in prevention and encode will benefit the indicated unstruct and unstructed in prevention and encode will benefit the indicated unstruct and unstructed in prevention and encode will benefit the indicated unstruct and unstructed in prevention and encode will benefit the indicated unstruct and unstructed in prevention and encode will benefit the indicated unstruct and unstructed in prevention and encode will benefit the indicated unstruct and unstructed unstruct	
Reserving and 2021 7/0/2041 formal and Medium Rusiness formal print material, and prin material, and prin material, and print material, and print mate	
communities where English in on the first language - and and ender awareness through effective beach clean-ups, fish roboce, etc. This project will incorporate powerful Public Service Announcements, print material, and technology to effective yates the awareness across the Gulf States that a sustained outreach campaign focused on debris prevention and removal will benefit livelihoods in the entire region in both the short and long-term.	

Name Ale	Research and Education	2074	7/14/2014	Oyster Reef Structural Complexity	Summary attached.	Hancock,	Yes Yes	Yes	Yes	Yes	No	Yes	\$ 438,035.00 \$ -	
No. N		2075	7/18/2014		A COMPREHENSIVE AND INTEGRATED OBSERVATION, MONITORING, MAPPING, AND MODELING PLAN FOR MISSISSIPPI	Harrison Hancock,	Yes Yes	Yes	Yes Y	s Yes	Yes	20 Yes	\$ 47,000,000.00 \$ -	
I I <tdi< td=""> <tdi< td=""> <tdi< td=""></tdi<></tdi<></tdi<>	Education			Network (MSOMRN)	Sustained, multi-disciplinary ecosystem monitoring facilitates which provide an understanding of the state of the Gulf ecosystem and how its components change over time are critically needed	Harrison, Jackson, St.								
No. 10					Results from monitoring efforts yield baseline data that can provide early warning of potential environmental variability, perturbations, and concerns. The information can be used to prioritize issues	Tammany,								
						Mobile								
Note: Note: <th< td=""><td></td><td></td><td></td><td></td><td>more complete set of economic factors.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>					more complete set of economic factors.									
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Note					its coastal communities have been impacted by increasing anthropogenic influences, primarily as a result of human population growth, energy extraction, and coastal development. The impact of									
Note: Not:					these impacts can result in a wide range of environmental and economic concerns. A fully integrated and sustained observing system that includes ecosystem, oceanographic, and biological									
Note: Note: <td< td=""><td></td><td></td><td></td><td></td><td>parameters would help minimize risk to people and coastal and offshore resources (during various operations (e.g., oil and gas exploration and extraction, maritime operations, recreational boating</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>					parameters would help minimize risk to people and coastal and offshore resources (during various operations (e.g., oil and gas exploration and extraction, maritime operations, recreational boating									
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Note: Note: <td< td=""><td>Research and Education</td><td>2076</td><td>7/23/2014</td><td>MS Living Marine Resources Restoration Network (MSLMRRN)</td><td>A COMPREHENSIVE AND INTEGRATED OBSERVATION, MONITORING, MAPPING, AND MODELING PLAN FOR MISSISSIPPI</td><td></td><td>Yes Yes</td><td>Yes</td><td>Yes Y</td><td>Yes</td><td>Yes</td><td>20 Yes</td><td>\$ 49,000,000.00 \$ -</td><td></td></td<>	Research and Education	2076	7/23/2014	MS Living Marine Resources Restoration Network (MSLMRRN)	A COMPREHENSIVE AND INTEGRATED OBSERVATION, MONITORING, MAPPING, AND MODELING PLAN FOR MISSISSIPPI		Yes Yes	Yes	Yes Y	Yes	Yes	20 Yes	\$ 49,000,000.00 \$ -	
No. 10	_ uuuuu													
No. N					Results from monitoring efforts yield baseline data that can provide early warning of potential environmental variability, perturbations, and concerns. The information can be used to prioritize issues for adaptive coastal policy and management, assess damage due to natural and man-made disasters, inform restoration projects, and evaluate long-term trends. Furthermore ecosystem monitoring									
Note: Note: <td< td=""><td></td><td> </td><td></td><td></td><td>information can yield the true value of ecosystem services to the Gulf which in turn can lead to resource management and regulatory decisions that consider the effects of those decisions based on a</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>					information can yield the true value of ecosystem services to the Gulf which in turn can lead to resource management and regulatory decisions that consider the effects of those decisions based on a									
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No. 10					This information is critical to resource managers and decision-makers having regulatory, management, protection, and emergency responsibilities. Over the past three decades, the Gulf of Mexico and	1								
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No. 10					parameters would help minimize risk to people and coastal and othshore resources (during various operations (e.g., oil and gas exploration and extraction, maritime operations, recreational boating and fishing activities)) by providing early detection of potential problems and expediting mitigation when the need arises (e.g., identify important habitat and species, assess status of indicator									
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Note		2003	775072014	Network (MSHCRN)		Jackson,								
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Note 1					Information can yield the true value of ecosystem services to the Gulf which in turn can lead to resource management and regulatory decisions that consider the effects of those decisions based on a more complete set of economic factors.									
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				1	The University of Southern Minimipal Minima Science Department has taken the lend to develop a comprehensive and intersted observation									
1 1					Mississippia(**s coastal areas. The integrate plan has been divided into eight cohesive sections to help explain the needs of Mississippi as it is related to the Marine Science processes affecting									
- -				1	Mississippi waters. These eight sections areas are:									
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 In an in a second on the second					2. Modeling and Forecasting, 3. Living Marine Resources and Ecosystem Components,									
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 Notation Notation<		2086	7/30/2014		A COMPREHENSIVE AND INTEGRATED OBSERVATION, MONITORING, MAPPING, AND MODELING PLAN FOR MISSISSIPPI	Hancock, St.	Yes Yes	Yes	Yes Y	rs Yes	Yes	20 Yes	\$ 7,000,000.00 \$ -	
Reserve hard 207 V20/2024 Encource details in the second on the local second beau second on the local second beau second on the local second beau second on the local second sec	Education			(MSISKN)	Sustained, multi-disciplinary ecosystem monitoring facilitates which provide an understanding of the state of the Gulf ecosystem and how its components change over time are critically needed.	Tammany, Mobile, Jackson.								
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Image: Second				1	species). Climatological databases or monthly averages are not sufficient for making certain ecological decisions. Present technology is available to provide accereal timeaccapability for this decision-									
Reserved 2009 \$2020204\$ Renowe detries in Turkey Crees from Havey 40° Indicational direct sections to help explain the needs of Mississippi is it is related to the Marine Science processes affecting Implication is interesting Implication is inte														
Reservice 2009 \$2/02/024 Renove debris in Turkey/Creek from have/9 Indications of the stress, and in out door classroom for for North Gulffort 7 & 8 Grade Middle Schools and taih Frederick Ked Start School Hartison Kesser/hard 100 Yes No Yes No <td< td=""><td></td><td> </td><td></td><td>1</td><td>The University of Southern Mississippiä("s Marine Science Department has taken the lead to develop a comprehensive and integrated observation, monitoring, mapping, and modeling plan for</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>				1	The University of Southern Mississippiä("s Marine Science Department has taken the lead to develop a comprehensive and integrated observation, monitoring, mapping, and modeling plan for									
Image: Provide the second s					Mississipplactins coastal areas. The integrate plan has been divided into eight cohesive sections to help explain the needs of Mississippl as it is related to the Marine Science processes affecting Mississippl waters. These eight sections areas are:									
 In the second of the second of														
Besarch and 2009 8/20/2014 Renove debris in Turkey/Creek from Havy 49 Indicators of Short Gaugement, and and take there are any stage in learning how to become better environmental frequencia, Head Start School and take Tredencia, Head Start School And Tredencia, Head Start Scho					2. Modeling and Forecasting,									
Image: Second					3. Living Marine Resources and Ecosystem Components,									
Research and 2009 8/20/2014 Remove debuits in Turkey Creek, show provides an extend acress and and out doubles relevant and educe (assessment for free Not fully) (freet species) and tube free/seck ket at an end year in turkey creek. Remove many free species No <					5. Habitat Characterization,									
Education West to MPC Power Line Right- of-way students to study insects, collect water samples and study different species of birds and animals. Introduce Head Start students at an early stage in learning how to become better environmental	Provent a f	3000	e/20/20	Remove debrir in Turk		Harring -	Yer		Var		Var	40 11-	\$ 225,000,00 *	
stewards. Create an access point for the middle school students to safely perform these educational opportunities.		2033	o/ 20/ 2014		students to study insects, collect water samples and study different species of birds and animals. Introduce Head Start students at an early stage in learning how to become better environmental	narrodi	No No	NO	Tes N	NO	res	40 NO	\$ 223,000.00 \$ ·	
	L	1 1		1	stewards. Create an access point for the middle school students to safely perform these educational opportunities.	1							I	

			0							_					
Research and Education	2103	4/1/2015	Erosion Control and Sediment Management	This proper to wold propose to implement several types of addiment control strategies in the Casad Zone. Surface nuelf caused Puesy rains carries addiment to the self refers of the several types of carries devices. These has been carries addiment to the several refers of the several types of the severa	Harrison, Hancock, Jackson	Yes N	io Nd	• No	No	Yes	No	No	\$ 9,000,000.00	\$ -	
Research and Education	2104			Thanks to numerous conversion involution practices, as therwards of the land ware doing a much better juit than in the part. A whan grant and demands for our natural resources sorticutes to increase, we read a formula demandrate these new conservation advances to the public. A working demandration line mwould not only breffic consumers of natural resources build as producers of hour resources and others. JacCam F armAlCounce model to allield in multiple ways to shibit conservation practices. Farmers would be shown outling edge farming practices that would benefit the environment while at the same time benefitting their bottom line. Sudents will be advantage of the facility to better understand the nube habitat and the methods that are being used to allied in multiple ways to shibit conservation practices. Farmers would be shown outling edge farming practices that would benefit the environment while at the same time benefitting their bottom line. Sudents will be advantage of the facility to better understand the nubes habitat and the methods that are being used to allied in multiple ways to be the facility to better understand the probes that would be advantage to the models. Booldow will be allied to community. Sudents will be advantage of the facility to better understand the probes that will be advantage to the facility to better understand the probes that will be advantage to the facility to better understand the place of those who they aren. These are just all for of the service that distant for farmfalls. RecOMDVF would be the regording the contable Advantage to the better understand the place of those who they aren. These are just all for of the service that distant for farmfalls for addates and community. Sudents will be advantage to the to better understand the place of those who they serve. These are just all for of the service that distant for farmfalls. RecOMDVF would be the resource stability addatescence and to be models advantade and the necessary infrastructure establised. The locations	Harrison, Hancock, Jackson	Yes N	lo Ye	rs Yes	Yes	Yes	Yes	Yes	\$ 5,000,000.00	\$-	
Research and Education	2107		Invasive Plant Species Control	In the trends and aquatic invalue plates are causing beatsting effects to the native Gulf Casat construm, approxime holding and public entities. Near Housing one and may of these plates in the region. Gas dominant, beats proved, how that provide produces holding and the set of the set	Harrison, Hancock, Jackson	Yes N	lo Ne	o No	No	Yes	No	No	\$ 9,000,000.00	\$-	
Research and Education	2117	9/18/2014	Park Restoration and Expansion Initiative	Concertly that National Waterway diduct earns and operates eight parks. These parks provide camping, calins, and recentional facilities for both locks and to toxist to enjoy. As part of the Parcipaul Network basis Antimacent Regram arreneed to way the taken on maintenance and restancion of these parks to calinance recordinal opportunities for the camping calinance and restancion of these parks to calinance recordinal opportunities for the camping calinance and restancion of these parks to calinance recordinal opportunities for the camping calinance and restance and restance recordinal opportunities for the maintenance and restance and restance recordinal opportunities for the camping calinance and restance and restance restance and restance and restance and restance restance and restance and restance and restance and restance and restance restance and	Stone, Jackson, Pearl River, Perry Harrison, George	Yes N	lo Ne	p Yes	No	Yes	Yes	Yes	\$ -	\$ -	
Research and	2118	9/22/2014	Pacagoula Roer Easin Enhancement Program Pacagoula River Water Trail	The Paragoula New Basis Enhancement Program has the opportunity to capitalize on the vare cological treatments that the Paragoula New Meet Train Point establishes the national designation of the ware system in the National Water Train System is established and establishes the national designation of the water system in Net National Water Train System is established as protecting and rescales. The objective of the National Water Train System is established as protecting and rescales. The Networks the Paragoula New Meet Train Point establishes the national Sector 10 Address accesses to address rescales on Sodness and Water Train System is established and use the Network of the National Water Train System is established as protecting America&Te News, therefore, and Water Water Train System is not established to address the National Network Train System is established as protecting America&Te News, therefore, and Waterways and concern entablishes outreach and support is strong. And support is strong. For addresses that water train is the hest establisheet or date water train. These train heads will be existing park facilities that are adjacent to the water train like DunokG*s fails and new facilities that while induces the train Materia System Sy	George, Perry, Forrest, Jackson, Stone	Yes N	io Ne	D Yes	No	Yes	Yes	Yes	\$ -	\$ -	
Research and Education	2119	9/22/2014	Pacagoula River Basin Enhancement Program: Pacagoula River Basin Forest Preserves Program	of the countrie within the Re interiors Naterway direct, as merge of every how is presented of the gound overage is forestand, in noder to preverse and maintain both price and hardwood and provide technical and on the ground restaration assistance to family forest landwares interested in managing or restoring the price and hardwood on their lands. The program will dentify, protect, and manage forest halds, recognising that the abundance and provide technical and on the ground restaration assistance to family forest landwares interested in managing or restoring the price and hardwood on their lands. The program will dentify, protect, and manage forest halds, the country and quality of the forest halds. The count of the disorder continues for the threads from the source hard horizontal in the forest price land will be destructive species like the southern price beef will be monitored and evaluated for conservation in tartwise. The grad of the Parcagoula River Bain Forest Preserves Program is the integrate landowner outreach with prescibed conservation to monitor, maintain, and restore the forest within the Pat Harrison witherway builts.	Stone, Jackson, Forrest, Perry, Harrison, George	Yes N	io No	D No	No	Yes	No	Yes	\$ -	\$ -	
Research and Education	2120	9/22/2014	Pascagoula River Basin Enhancement Program- Pascagoula River Riparian Buffer Maintenance Plan	In the organ will each to dentify, monthsr, and maintain regionan hulfnes along the Pacagoula New and its tributatives. Also provide oversach and technical assistance to accelerate first time enrollment of new praints buffers act to partially protect streams from the Image of adjacent tand use. Buffers increase ware quality in associated forst terms as addiment is interrepted, areve to provide habitst, and reduce basis rootsion by providing basis talking. The Pacagoula New Basis dations much of Southeast Musicipal into Pacagoula Bays. This management programs is being understates to ensure that gast and free development does not adjust of ware retemper Reagoula May from the upstrams interbases. This interbases free accessive ensuina and sedimentation, toms water underform and wellopment class most dimension the anonged free tables and unitarity of the upstrams interbases. This inter basis free accusive ensuina and sedimentation, toms water underform and understates that each on the upstram in the size outself of water enterbases. The provide tables that each on the upstram in the size outself or the upstram in the size	t Stone, Jackson, Forrest, Perry, George	Yes N	lo No	D No	No	Yes	No	No	Ş -	\$ -	
Research and Education	2121	9/22/2014	Pascagonal River Basin Enhancement Program-Roccagonal River Species Stewardship Program	This program will exist to establish an monitoring and galaning program that will increase and maintain the blabter of species native to the Pascagoula River and Its tributaries through thewardhap activities. The streament physical program discours and increase and maintain the blabter of species natives to the Pascagoula River and Its tributaries through thewardhap activities. The streament program discours and increase and maintain the blabter of species native habitat and endoce human use and imaxie species threats; and educate downee audiences to increase understanding of the needs and value of the Pascagoula exceptions. Several species native to the Pascagoula River Basin include the Guif attergoon and the stripted basis that migrate to the rise spears. Also found in this watershed are the Paraf darter, swallow-table date. Miscotopia unition cans, and the yelow blackind may tartice. All of these and any other identified threatened and endangered species the include in this atteratively program. The goal of the Pascagoula River Species Stewardship Program is to restore and protect Pascagoula River species populations, reduce identified stressons and disturbances, and restore habitst to allow higher rates of survival.	Stone, Jackson, Forret, Perry, George	Yes N	lo Ne	o Yes	No	Yes	No	Yes	\$ -	\$-	

I													Г. Т.	1.	
Research and Education	2122	9/23/2014	Pascagoula River Baxis Enhancement Program-Stormwater Management Initiative	Stomwater Management Initiative: Rollution and Prevention Plan This plan is intended to develop a management programs for current stormwater rehabilitation and future construction within the Pat Harrison Waterway District. The Pascagoula Bay and ultimately the Gui of Mexico. In order to best conserve and maintain the health of those who depend on this invite system, proper stormwater and run-off monitoring is vital. The Splan invite Management Initiative will focus on the arrans and urban arrass that flow directly into the Pascagoula and the transmitter with there including reactions enabling the ability to handle acomvater rundif, residue and addementation. Alon, nuclif will be monoted for water quality to ensure pertain the ability to handle acomvater rundif, residue and addementation. Alon, nuclif will be monoted for water quality to ensure pertain process the anagement and contruction practices are being implemented. The guid of the Stormwater Management initiative is to directly engage local communities to the importance of best management management and contruction practices are being implemented. The guid of the Stormwater Management initiative is to directly engage local communities to the importance of best management practices as well a promote prove construction addeguing of those to thorowater systems.	George, Perry, Forrest, Jackson, Stone	Yes	No	No N	0 NC	Yes	Yes	Yes	\$	\$ -	
				There are several approaches to stormwater management to consider. Low-impact development seeks to manage runeff using a distributed approach that minis: the predevelopment hydrology instead of conveying and trading tormwater at only the end of the driange area. Given infrastructure is an approach that minis and any stem to capture, dates and makes around using plants, solid an increde. And environmental late design a pargores that minis and universal works the distance and the date stormwater multi- tation of the second start and the second start											
				stopted by communities that will loently area of water quality concern. The identified locations will be the focus of the monitoring initiative and evaluated for improvement options where applicable. Whis combination of community contexts and proper priming the Stormwater Management Initiative will seek to educate those on the importance of the ecological value of the Pacagoula River Easin and encourage future responsible atomicater management iterationes.											
Research and Education	2123	9/23/2014	Pascagoula River Basin Enhancement Program- Waterfront Development Program	Pacagous Neer bain Waterfoot Development Program Nei darih interest di obvidgi na sugnetto pognin for farme anterforte development valibit he far barrison Materway Daritzi. A staterfort can las the mod Assistabil location for farar neerosporte. These glanning and stagement programs for waterforte areas are fundamental alware the need to arises to nume environmental isomative, in an ecaligical il forera region for example. These glanning and stagement programs for waterforte areas are fundamental alware to feel to arise to nume environmental isomative frequencial lessons are regionably achieved in a way that mitigates environmental impact. Natorforde operative and environmental impact. Natorforde operative and environmental impact.	Stone, Jackson, Forrest, Perry, George	Yes	No	No Y	es No	Yes	Yes	Yes	\$	\$-	
				boardwaiks, namers markets, and greenways all a part or waterrront development programs will promote tourism, economic development, and expand recreational options.											
Research and Education	2124		Prozgoda Brver Bain Esharcement Program: Digit Watershed Management Model Approach	The recognols have taken is distinctingsite ¹⁴ , second target inter takes and a data test of the last indexpeded interporter in the contiguous bland data. It is growthered in the long & Anders wide, with the base indexpeded interporter in the contiguous bland data. It is growthered in the long of the last indexpeded interporter in the contiguous bland data. The base is a data of the last indexpeded interporter in the contiguous bland data. The last index of the last indexpeded interporter in the contiguous bland data. The base is a data of the last indexpeded interporter in the contiguous bland data of the last. The base is a data of the last indexpeded interporter in the contiguous bland data will be based. The second data data is a distributer of the last indexpeded interporter is nationally receptized for its abunders willing, biological diversity, and rich cultural and based material data and the last indexpeded interporter is a data of the last indexpeded interporter is a data of the last indexpeded interporter is an undipated material test, bland and data memoria initiations be been proposed (indexped the last). The based will be appendixed by the last indexpeded interporter is data and the last indexpeded interporter is data and the last indexpeded interporter based and based in the last indexpede the couple is data of the last indexpeded interporter based and based in the last indexpede the last indexpeded interporter based and last indexpede the last indexpeded interporter based and last indexpede the last indexpeded interporter based and last indexpede the last indexpede the last indexpede the last indexpede the last and based interporter based and last indexpede the last and last indexpede the las	Stone, Jackson, Pearl River, Fornes, Perry, George	Yes	No	NO	o NC	Yes	Yes	Yes	5	\$ -	
Education	2120	5/25/2014	rak-good over bodin Eritidat.etinitik Poggam: Dam Safety Best Management Initiative	Proceedings on the stand starty sets, wanagement insure? The Procession Steve the largest by volume improved here in the contiguous United States. However, there are several dams that were set in pace to create reservoirs that help control flooding in the region above the largest by volume improved here in the contiguous United States. However, there are several dams that were set in pace to create reservoirs that help control flooding in the region above the largest by volume improved here in the contiguous United States. However, there are several dams that were set in pace to create reservoirs that help control flooding in the region above the several memory bar is relied in the However the several are memory by photols before that the flooding in the flooding in the region. The formal guidelines will exame that memory containes are not experiment authorities to facilitate the development of plans that are comprehensive and consistent. A part of the comprehensive planning in the region, a second phase including analysis of dams considered at risk or demonstrating structural deficiencies will be completed to further mitigate dam failure threats:	action, Pearl Jackson, Pearl River, Forrest, Perry, George	15	NO		U	165	167	16	3	5 *	
Research and Education	2128		Impace of Sugemented Sediment, Water Circulation, and Waves on Manhes and Oyster Beds.	we peope to deply four moving equipped with a downword toxing BD Workshows Antimid ADC to measure the current, heywold structure, and supported continent concentrations (SC), a Valeport MIASUM VM Directical Wave Recrear and four Society SEGDIZS to measure works parentare, such support and the society of a directical work in the deply of a directical work in the moving will be deplysed for two years. This year placed at four locations for ne scored measure the superture, disolated on some for the scored works, tarking and the society of a directical works. The deply of a directical work is a directical work in the moving will be deplysed for two years. This was a directical work in the moving will be deplysed for two years. This was evaluated on the SUM wave were readied on model. The moving will be deplysed for two years. This was a directical work in the moving will be deplysed for two years. This was evaluated will be a directical work in the moving will be deplysed for two works will consolidate the society of the scored will be a directical work work in the moving that are part of the & directical works. The score the society of the scored will be be used to maintain the moving and replace the battery packs. We will measure conductivity and temperature with a lowered C1D and take ware rangels at warelow depth. The SIC is these water rangels is measured ang a fittation system, in addition we will calculate the score that works are exceeded, and provide transmitted to the active gorrent gorrented with add/22 and the observed time scored with the active some and were gorrent distributions, there are and and the scored with the active gorrent distribution, share stress and moved time stress gathered as art of this project will indicate the order drive moving that are part of the scored with head and the scored with the active gorrented by the direction on the indication on the indication will indicate the order drive moving and replace the battery goress. The scoremove aread and and thead thead moving and thea	Harrison, Hancock	Yes	Ye	No Y	cs Yr	Yes	Ves	Yes	\$ 1,640,000		
Research and Education	2129	9/26/2014	Quantifying Water Quality Using Remote Sensing for the Guil of Mexico	Since the project is call wide, was interested in being considered for Council funding, however, just implementing same proporal in MS waters would be a great benefit to DMR and DEQ's day to day operations. The proposed effort will address the RESTORE Council priority area & & & & & & & & & & & & & & & & & & &	Harrison, Jackson, Hancock, St. Tammany, Mobile	Yes	Yes	No Y	es Ye	Yes	Yes	20 Yes	\$ 12,000,000	00 \$ -	

Research and Education	2133	10/1/2014	Surface Currents and Wave Monitoring for the Gulf of Mexico	The U.S. Gulf Coast is vulnerable to a variety of risks, including oil/contaminant spills, harmful algal blooms (HABs) and Vibrio, hurricanes, coastal land loss, and navigation accidents. Near real-time information on coastal ocean surface currents, waves and winds are an important element of a coastal ocean observing system necessary for mitigating these risks and for protecting public health and	Hancock, St. Tammany,	Yes	Yes	No Ye	i Yes	Yes	Yes	20 Yes		\$ 20,000,000.00	\$ -	
				safety, emproy-response, the canadi accorony and autoliable are of exatal leasances. The environmental intelligence, which can be gained brough a system of exatal leasance bade (1981) rations, can, for example (1) improve monitoring of environments) packs (1991) responses to a provide pack (1991	Mobile, Jackson, Harrison											
				Alos, includes tata Management for the design and integration to assure data meets all RESTORE.Act Policies and Procedures. Real-time distribution of these data to numerical models, and agency designs makers are included. A Outract characteristic of the Policies and Agency Decision Makers, to assure the understanding and training is in place to integrate these user friendly products in to day to day operations of each agency.												
Research and Education	2134	10/1/2014	I-110 Corridor Restoration & Enhancement	The CB of Billiou proposes to implement its 1980, master plan for villing the careford of public land located under interstate 110, which runs north-south from the Back Bay of Bilois to the Musicappi South. The regional mater plan developed with considerable citizen input, is being updated to include storm water management improvements and acquisition/restoration of a wetlands area adjacent to the I-110 Carridor, north of Division Street.	Harrison	Yes	No	No Ye	No	Yes	Yes	20 Yes	storm wat	\$ 6,000,000.00	\$ -	
				Stom water management improvements will include installation of BMP along the consider to filter nonpoint source poluciants from the interstate's stom water that drains unchecked from the elevater cradues. It was a store to be enhanced with additional lighting and rainage.	t											
				Public steps and recentional annetly improvements will expand use of this area by residents and burnism. The south end of the control or lake steps at the attent of steps and the set of t												
				appropriate wetlands plant species will be installed to restore the natural functions of the wetlands area that is bidally influenced by the Back Bay of Biloui. The master plan will be scanned and uploaded as an attachment to this project proposal.												
Research and Education	2135	10/1/2014	Biloxi Peninsula Shoreline Stabilization and Public Access Improvements	The City of Biloui proposes to implement a variety of shoreline stabilization measures along the Biloui Peninsula in areas owned and/or managed by the City to control erosion, adapt to see-level rise and improve public aftry and access. Shoreline improvements will include stormwater management BMPs accompanied by all-weather educational signage to identify short- and long term public benefits of a property managed waterindus.	Harrison	Yes	No	No Ye	No	Yes	Yes	30 Yes	stormwate	\$ 15,000,000.00	\$-	
				Improvements will include removal of nonative, invasive galaxis species, installation of appropriate native galax species to support holderine tabilization and extraction of aboreline habitatis, remova of concrete, (rays abundendoblobele intrustruture and miniculamos tabits; and stormater management improvements to improve were quality. Public stefy and access improvements quality and the second provide steff and and the second provide steff and t	đ											
Research and Education	2138	10/4/2014	Mississippi Gulf Coast Litter Control	This project would provide for a permanent effort to control litter in the three costal counties and the near shore environments for the purposes of ecosystem restoration AND increased tourism. Permanent fail would be hired to work with clies, counties, live inforcement, private builders and community groups to identify fund implement a range of litter reduction strategies including on- going public information company, increased inforcement of private builders and community increased to inforced.	Hancock, Harrison, Jackson	Yes	No	No Ye	i No	Yes	No	Yes		\$ -	\$-	
				All of our madways, waterways, and daviange areas have plastic items, signette butts, fast food wrappens, drinks cans scattered along them. These items leach dangerous chemicals, harm wildlife and polities our waterways. They create an unforceable impression for visitors.												
Research and Education	2139	10/6/2015	Reduction in post hooking sea turtle mortality	This propagal will develop new technology to reduce state title mortality by developing methods to remove finding the without removing endagened as uturels from the water. This new method will be designed for induced title indigeness. The forder provides the state of the designed for induced title indigeness. The forder provides the state of the designed for induced title indigeness. The forder provides the state of the designed for induced title indigeness. The forder provides the designed for induced title indications to encound the designed for indications to encound the designed for indications to encound the designed for indications the encound the design in detained title indications to encound the design of the designed for indications the encound the design in detained to the designed for indications the encound the design in detained to the design of the design in detained to the design of the de	I Jackson, Hancock, Harrison	Yes	Yes	Yes Ye	: Yes	Yes	Yes	25 No		\$ 500,000.00	\$-	
				In a dget infections. The new device would slid down the line and cat the line off at the hook own may be an entry of the truth in the cat the start of the start												
Research and Education	2141	10/8/2014	Gulf of Mexico Alliance Restoration Coordination	The proper with mode provides provides provides and the Guil of Mexico Allance Star (Section 2014) to conditate restoration existed activities among the various agencies, organizations, resource modes, scientisk, and industry experts in the region. The Guil of Mexico Allance proposes to conditate the coordination through its priority issue teams that are	Gulf of Mexico	Yes	Yes	No Ye	i No	Yes	No	Yes		\$ 2,337,500.00	\$-	
				well-established and in direct alignment with the goals of the Guil Coast Ecosystem Restoration Council 40°s Comprehensive Plan. Coordination provided by the Guil of Mexico Aliance provides the Initial cores steps in addressing a concern that restoration projects and programs conducted in the Guil are not being coordinated to maximum efficance, "While Council-Vere activities are highly coordinated by the RSTOR Ecocy. The Guil Aliance provides the vinue for on-the-ground resource managers, scientistic												
				consultants, we industry experts to communicate and collaborate on a regular basis regarding the activities that are being conducted by many regional partners. Objectivable industry constructions that the formal construction of the formation of the source of the sour												
				Regional initiatives that may impact or inform restoration. Through the potonty issue teams and the larger partner networks as a whole, agancies and organizations involved in restoration activities will be better informed and able to make project implementation decisions with the maximum available information regarding on going efforts in the region. As a result, priorities can be aligned, activities can be planned with minimal displication,												
				and leveraging opportunities can be identified. The overall budget request is \$467,500 per year for five years or \$2,337,500 total.												
Research and Education	2143	10/8/2014	Watershed Assessment Tool for Coastal Restoration	The project will utilise the resource discribed below to contract, maintain, and utiliar a waterhed assessment too for castal resources. This tool will alwain interactions with resource managements where the source management is the source management of the source of the source management of the source of the	Hancock, Stone, St. Tammany, Mobile, Jackson, Pearl River,	Yes	No	No Ye	No	Yes	No	No		\$ 3,200,000.00	\$ -	
				Improve water quality is essential to restoration of costal habitata and is among the highest priorities identified by Musicajos takes holsers. An abitity to save switched process that contribute to depadde water quality is a necessity to dentify schrifts within the watched that can labit to provenest. Waterhed management calvides such as transmitedators, best management practices in agricultural areas, and low impact development practices in urban eraser and late holsers. Prove water quality. Consequentially, monitoring and modeling of freshwater inflows into the Musicajos calcular to development practices in urban areas are all techniques to improve water quality. Consequentially, monitoring and modeling of freshwater inflows into the Musicajos calcular to development practices in urban areas are all techniques to improve water quality. Consequentially, monitoring and modeling of freshwater inflows into the Musicajos calcular to development practices in urban areas are all techniques to improve water quality. Consequentially, monitoring and modeling of freshwater inflows into the Musicajos calcular development practices in urban areas are all techniques to the constants waterhed and water quality models systems that are used in detailed waterhed all watereally modeling is shit to talls granule models and babits such a back restorations materiated and water quality models and babits such a back restorations.	Forrest, Perry, Orleans, Harrison, George Washington											
				and bank/howline stabilization. Additionally, MKI has accurded a complete hyperpactral data set for Grand Bay National Staturite Research Research Research and Unality assessment. MKI will all how here a complete Asha see of his relational straining will use (Just Research Bay Regular Bay Research Bay R												
				vertified with field and baboratory tudies and applied to resolution projects in the watershed to evaluate effectiveness. Workshops will be conducted with state and onli ensure management to ensure that ongoing and proposed projects are effectively evaluated for hydrologic assessment and potential for water quality improvement. Public outrash will be conducted with production of reader friendly brochures. This is story var project and will applement congoing planning activities as well as serve as decision support tool as new projects are recommended. The estimated cost is \$800,000 per year for a total or out of \$320,000.												
Research and	2149	1/1/2015	Edible Forests of the MS Gulf Coast	This project will develop fruit orchards in every city and county in the three county of the MS Gulf Coast, Harrison, Hancock and Jackson counties. The Mississippi Urban Forest council will partner with	Jackson, Harrison	Yes	No	Yes Ye	Yes	Yes	No	Yes		\$ 450,000.00	\$ -	
Education				our Tree City communities along the costs, local garders groups and city groups to develop the orchards. Taming will be provided to citaters and those involved in the development of the orchards. Workinght for long term unitensance will be provided. Correct Init varies for the ana, solution and initiate will be taken into account of resteriors. This project will provide model orchards, encourage more local first production, provide education to implement sustainable orchards, improve healthy eating and provide sources of value added products for local citaters.	and Hacnock											

Research and Education	2154 10/24	2/2014 Projecting the Impacts of Restoration Activities in MS Coastal Waters	The overarching objective of this project is a advance our informational task of physical dispectoremula linkages in the Mixusuppi Sound Mixi and orthern Mixusuppi Bight MIX region through execution of a field disfer consisting of research ourses and disposite of physical dispectoremula mixing and the mixing of the MIX and orthernols will characterize betom addement type, second variation is definent, mixing and disposite of the model system, supported by this low/defined, will be addement betom addement type, second variation is definent, mixing and disposite of the model system, supported by this low/defined, will be addement betom addement type, second variation is definent, mixing and the model system, supported by this low/defined will allow resource managem and disposite mixing and the mixing of the MIX in model system, supported by this low/defined will allow resource managem and a disposite mixing and the mixing of the MIX in model system, supported by this low/defined will allow resource managem and the second system and the disposite mixing and the mixing of the MIX in and restarce of the MIX integer and the mixing of the MIX in resource managem and the mixing of the MIX in resource of the MIX integer and the mixing of the MIX in required. Without this understanding, well-interistor disposite the second disposite the second disposite the mixing of the MIX in resource of the MIX integer and the disposite the mixing of the MIX integer and the second and disposite the second disposite the mixing of the MIX integer and the second and the second disposite the mixing of the MIX integer and the second and the second disposite the mixing of the MIX integer and the second and the second disposite the mixing of the MIX integer and the second and the second and mixing the second disposite the mixing of the MIX integer and the second an	Tammany, Mobile									30,000.00 S	
Research and Education		2014 Establishment of an Alge-for-Aquaculture Center for Missisapp	The doplopulation is napidly protecting of a spectra to urgans anne billion by 2000. At the population continues to grow, the ability for the world to refer taken like on compress with the doris Compared with the world. New technologies that do not compress with the most field of the world. The retext changes that do not compress with the world. New technologies that do not compress with the world. New technologies that do not compress with the world. New technologies that do not compress with the world. New technologies that do not compress with the world. New technologies that do not compress with the world. New technologies that do not compress with the world. New technologies that do not compress with the world. New technologies that do not compress with the world. New technologies that do not compress with the world. New technologies the does not compress with the compress and which the world. Proceeds, have the population take, have however, and the take and the does not compress with the compress and which the world. New technologies that the population technologies that population technologies that the compress process proce	Jackson, Harrison	Yes	Yes	Yes	fes	Yes Ye	s Yes	Yes		90,000 00 S	
Research and Education	2156 10/28	V2014 Systhesis and Decision Management Products	The popular for an Adaptive thrangement forcings that (is used if the 34 popular has any local register of the monotonic grade grade and the desting the for MM were popular to interest for the production of the	Hancock, St Tammary, Mobile J. Jackson, Harrison	Yes	Yes	No ì	fes	No Ye	5 No	Yes	5 1.80	90,000.00 \$	
Research and Education		/2015 Mexicory Methylation Ease, loadgo: Compatition and Traphs: Transfer in the Northern Gulf of Mexico	Mercury Methylation Rates, lootapic Composition, and Traphic Transfer in the Korthern Gulf of Mexico James Califier, PLD, University of Mussingpi Tomoren housing, and the standard standard concentration of the Gulf Califier and califier and califier and califier and standard standard standard standard standard concentration of the Gulf Califier and califier and califier and califier and califier and the standard standard concentration of the Gulf Califier and califi		Yes	Yes	No 1	lo	No Ye	5 No	No		20,000.00 \$	
Research and Education	2162 11/5	/2014 Enhancing Community Resilience with Soc Media	Exolorized constitutes as important reve from of communitation band scord application to the here produce effects for individuals, communities, and experiments, including that capacity to expend to ensemption and experiments, including the capacity to experiments, including the capacity to experiments, including the capacity to experiments, and experiments, including the capacity to experiments, and effect accommunities, and ef		Yes	No	Yes	les	No No	o Yes	5 No	\$ 45	50,000.00 S	-

R) Ei	esearch and ducation	2163	2/2/2015	Oyster Bayou Restoration Project at Beauvoir	The payoes of this payoes it this projects its implement the recommendations of The Mature Conservacy (TNC) assessment of Oyter Bayou. The plan is the axees the contributions within the Oyter Bayou estinges basin and develops in of dranage improvements that can be implemented by stabilities the improve damages dhalance on distances of the Mature Oster Bayou estinges Bayouri and Bayouri and Gayouri Bayouri Bayouri Bayouri Bayouri Bayouri Bayouri Bayouri Bayouri Bayouri Bayouri Bayouri and Bayouri Bayouri Bayouri Bayouri Bayouri Bayouri Bayouri Bayouri Bayouri Bayouri Bayouri Bayouri Bayouri B	Harrison	Yes No	No	Yes No	Yes	Yes	Yes	\$ 1,000,000.00 \$ -	
					The goal of Beauvoir's project will be to implement upstream drainage features west of Beauvoir Road that contribute to the quality and quantity of stormwater that discharges to Dyster Bayou; improve asymitative capacity and stormwater treatment functions within the drainage basin which will lead to enhanced water quality benefits and improved aquatic and retreatrial habitats adjacent to Dyster Swarp; upside additional water quality benefits and improvements for this tributary to the Mississipal Sound; implement ecological restoration activities within Oyster Bayou drainage basin and provide education and outreach activities.	2								
					Further extraction actions for the stream and adjacent spaced and a set also part of this project including as assessment of the stream parts just belowdough (busice the theory whoch y higher that would have been straturily due num of the wateritade theory parts (business) (carrent ingediments in the flow of the stream (local, busice)). The stream (local, busice) is the stream (local, busice) is the stream (local, busice) is the stream (local, busice) and extreme (local, bu									
					Oyster Bayou and its adjoining bayhead swamp comprise approximately half of the Beauxoir 52-acre estate in Bloxi, MS. Operated through a 501(c)(3) nonprofit organization, Beauxoir is one of two National Historic Landmarks in South Mississippi and is open to the public every day of the year except Thanksgiving and Christmas. The estate, the last home of Jefferson Davis, includes a House									
R	esearch and	2164	11/6/2014	Monitoring and assessing the health of	Overview and Motivation: Coastal marshes are a critical habitat needed for a healthy Mississippi Gulf Coast. These marshes provide many ecosystem services including; buffers to dampen hurricane	Hancock,Stone,S	t Yes No	No	No No	Yes	No	No	\$ 65,000.00 \$ 25,000.00	
E	ducation			coastal marshes with remote sensing	waves, habita for breeding coastal bries, and litration of terrestrial nuroff. Restoration march graces in the Missiagip Gulf Coast in important to restoring the Missiagip Sound estuary. Before these critical habitats and the improved however, we must understand their current health so that we can monitor improvement in march graces and their contribution to the ecosystem services. Project Gast: Use remotely served data to assess the march grass steets, health and vigor in the three coastal Missiagip Counties and monitor changes over time as rectational projects proceed.	Tammany,Mobile ,Jackson,Pearl River,Harrison	2							
					Project Description: Before constal marks can be restored along the Musicippi Guil Coast, there must be a complete assessment of their extent, health and condition. This assessment must be completed for the entire Missicippi Guil Coast sproptically to that differences in nanch grass are due to left to health and condition and not assessed scattarions. Medium resolution remains under a sproptic assessment of the entire theory of the differences in nanch grass are due to left to health and condition and not assessed scattarions. Medium resolution requires the analysis and as a difference in a sproptic assessment of the coast almost. Using the special data of these semons, we can create indices that illustrate plant signs and health. Where more detailed analysis is needed, high resolution, commercial satellite imagery will be utilized to create in depth analysis of coastal mankse.									
					This synoptic assessment of Musiciopoid® coastal mashes is the first step in developing a program to monitor the changes an restoration proceeds. A well-defined starting assessment is needed to measure the effectiveness of a restoration project. The imagery and image processing techniques to be used are well accepted, scientifically evaluated tools that provide consistent and repeatable results. Budget and Timeline									
					Landoat data is distributed by the U.S. Genelogical Survey for no cost and this imagery will be used for the synopsic assessment of the Musicippi Guil Coast. Higher resolution commercial imagery can be obtained for \$27 Land. Completion of the assessment will require \$4 A senson months, for a total estimated budget for initial assessment of \$50,000. Monitoring of the mansh restoration can be completed yearly, using Landart 8 data, at a cost \$12,000 to \$15,000 per year.									
R	esearch and	2165	11/7/2014	Environmental Geophysics Measurements for Coastal Restoration	Environmental Geophysics Measurements for Coastal Restoration		Yes No	No	Yes No	Yes	No	Yes	\$ 200,000.00 \$ -	
					In Cog integr, Dic Lonardo Macellos, Dr. Ame Diersch Discreption: The University of Missispip proposes to employ relatively inspected with impacted by function and instrument information galaxies from multi- metric relation, machine, and costate encounses that have been negatively impacted by function and instrument encounses in the University of Missispip proposes to employ relatively impacted by function and instrument encounses in the University of Missispip proposes to employ the Direct from the University of Missispip proposes to employ relatively impacted by function and instrume formation and complement information galaxies from multi- metric relation, machines, and costate encounses that have been negatively impacted by function and instrume formation in galaxies from multi- metric relation, machines, and costate encounses that have been instrument formation formation in the instrument formation in the instrument formation in the instrument of the source provide and marker instrument source for decision of the instrument formation in the instrument formation in the instrument formation in the instrument formation in the instrument in the instrument in the instrument in the instrument in the instrument instr	•								
					ground. The accevelocity image mapa@tan then be used to infer subsurface units/features having sufficient differences in elastic properties that are important, for example, in modelling subsidence of									
					barrier islands. Electrical methods utilize direct currents or low frequency alternating currents to investigate the electrical properties of the subsurface. Most earth materials conduct electricity by the passage of ions in the pore water. Factors that affect the resistivity of soil-water mixtures include ionic concentration, porssity, surface conduction, tortuosity, and connectivity of phases. Therefore,									
R. Er	esearch and ducation	2168	11/7/2014	Gulf of Mexico Education & Outrach: Training the Net Generation of Environmental Health Managers	In recent year, direct and indext anthrogoginic impacts on Gulf of Nexes, and the Massingki Sound, castal ecosystems have reached crisis levels. In additional for any solution and on Gulf of Nexes, and the Massingki Sound, castal ecosystems have reached crisis levels. In additional for any solution and on Gulf of Nexes, and the Massingki Sound, castal ecosystems have reached crisis levels. In additional case products from commonly waterwater. These million Streams reputates that as Nationalisms of International Solutions from Advective and Castal and Participants (Sound Receiption 2000). The Solution of National Participants (Sound Receiption 2000), and the Solution of National Participants (Sound Receiption 2000). The Solution of National Participants (Solution 2000) and Solution (Solutional Participants) (Solu		Yes Yes	No	Yes Yes	Yes	No	No	\$ 391,457.00 \$ -	
	esearch and	2169	g g Jik Akar	Gulf of Mexico Health Assessment:	personnel and their collaborators, but we will attempt to lovenge outrack opportunities with other funded Restore Projects to provide greater context for trainees. University of Mississippi: Marc Stattery, Deborah Gechfeld, John Rimoldi, & Kristine Willett		Var			v		100	\$ 400,000.00 \$ -	
R. Er	everon and	2169	11/7/2014	Guif of Mexico Health Assessment: Instrumentalion for Environmental Monitoring	Marine castal communities of the Gulf of Marcia, and the Marsiappi Sound, appresent important commercial fibery grounds, as well as habitats that upport humbers. Reserved in and approximation of the second second provide extended castal propriate (castage) is humbers of the second and and appropriate (castage) is humbers of the second and and appropriate (castage) is humbers of the second and approximate. Reserved integration of the second and approximate is the second and approximation of the second and approximation is the second and approximation of the second and approximation of the second and approximation of the second approximatio			No	m/ 18	fes	Tes	- 100 No	2 4000000 2 -	
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Educat	irch and	2170		Monitoring the Health of Costal Gulf of Mississippi Hard-bottom Communities	Hard betarm refs ar cucial environments of the Guil of Macio, and the Missiago Isoudi, that represent essential babata for many important flow groups, we all a theatened maniper life, and organism that produce demical compounds with potential babata for many important flow groups. The second statulation of the second statulation		Yes	Yes		rs No	s Ye:	i No	Ne	\$ 294,392.00 \$ 287,192.00	\$ - 5 -	
	ition	271	11/7/2014	nennen og start Reefs	A series in a dard methopspins (series of the clubing multiple Category 3- horizons, a well as its the tops locks to including multiple Category 3- horizons, a well as its the tops locks to including multiple Category 3- horizons, a well as its the tops locks to including multiple Category 3- horizons, a well as its the tops locks to including multiple Category 3- horizons, a well as its the tops locks to including multiple Category 3- horizons, a well as its the tops locks to including multiple Category 3- horizons, a well as its the tops locks to including multiple Category 3- horizons, a series and a standards. A series of the including the category and locks tops in the MC scattering is a dark interpret of the category and the provide to the including the category and locks tops in the MC scattering is and an interpret and provide to including the category and locks tops in the MC scatter interpret and the provide to the interpret and the provide to the interpret and interpret and interpret and the provide to the interpret and interpret and the provide to the interpret and the interpret and the provide to the interpret and the provide to the interpret and the interpret and the interpret and the provide to the interpret and the interpret		16	16 1	νΟ Π	nu nu	у те:	. 10		3 201,192,00	3 '	
Resear Educat	irch and	2172	11/7/2014	Mentening the Health of Coastal Gulf of Menico Seagras Beds	Langens bed are crucial environment of the Gul of Merice, and the Ministegio Sound. That represent ensemble holds for many important flower yaceles are well a thorateved enseme fle, biological site of uniteria and anthroopenic constraintists, and where for cascal ensoins of discourses and ensointing enseme the flow societies and anthroopenic treatmon including multiple (Eugly 3-Ib ancieta), as well as the Deep Horizon of all pills Guld stagress communities have resulted in significant damage and loss of these critical rescurses. Thus, the restrational management of these important exopations and anti-discourse of the significant damage and loss of these critical rescurses. Thus, the restrational management of these important exopations and anti-discourse flow and the significant damage and loss of these critical rescurses. Thus, the restrational management of these important exopations and anti-discourse flow and the significant damage and loss of these critical rescurses. Thus, the restrational flow socials flow and the rescurses and and the significant damagement of the significant damage and loss of these critical rescurses. Thus, the restrational flow socials flow and the significant damage and loss of these critical rescurses. Thus, the restrational flow damagement exopation and antice significant damagement of the significant damagement of the significant damagement and loss of the significant damagement of the significant damagement of the significant damagement of the significant damagement and loss of the significant damagement of the significant damagement and loss of the significant damagement of the sissue damagement of the significant damagement		Yes	Yes I	No Ye	is No	ye:	; No	Ne	\$ 287,192.00	\$.	
Reeze	irch and ition	2173	11/7/2014	Integrands geophysical - geological characterization dhatssippa Sound and tributary estuarine seabed	Interprovid Interp	Hancock, Harrison, Jacksor	Yes	Yes	res Ye	is No	ye:	s No	Ye	\$ 125,000.00	\$ -	
	irch and ition	2174	11/7/2014	Assessing this stock using horizontally scanning sonar	Description: Restoration of the aquatice dubities on the Gamma into the Musicippi Sound, and of the Sound Hard, is again of agrificant interest to the project of Musicippi. Improving the quality and quantity of this stocks can be have anyoe economic and the Gamma interest of the Sound Hard, is again of agrificant interest to the project of Musicippi. Improving the quality and ducks for the aquation of the data meteric by the Musicippi Sound, and of the Sound Hard, is again of agrificant interest to the project of Musicippi. Improving the quality and ducks for the aquation of the data meteric by the Musicippi Department of Improvement Quality (MuS) and the table provide the musicippi Sound and the second Hard Sound Hard Hard Hard Hard Hard Hard Hard Har		Yes	No I	No N	> No	5 Ye	ι Νο	946	\$ 215,000.00	S -	

Image: Section 1 Market Section 1 <td< th=""><th></th><th>Research and</th><th>2176</th><th>11/11/2014</th><th>An Economic Impact Time-Series Model of</th><th>Brief Title: An Economic Impact Time-Series Model of the Wild Shrimp Fishery in Coastal Mississippi</th><th>Harrison</th><th>Yes</th><th>Yes N</th><th>No</th><th>Yes</th><th>No. Yes</th><th>16.7</th><th>les .</th><th>\$ 600.000.00</th><th>s .</th></td<>		Research and	2176	11/11/2014	An Economic Impact Time-Series Model of	Brief Title: An Economic Impact Time-Series Model of the Wild Shrimp Fishery in Coastal Mississippi	Harrison	Yes	Yes N	No	Yes	No. Yes	16.7	les .	\$ 600.000.00	s .
Image: Section 1 Image: Section 2 Image: Section 2 <td< td=""><td></td><td></td><td></td><td>,,</td><td>the Wild Shrimp Fishery in Coastal</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>,</td><td>-</td></td<>				,,	the Wild Shrimp Fishery in Coastal										,	-
					Mississippi	Point of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth. LaFleur@usm.edu, 228.214.3438 and Dr. Gregory Bradley, Gregory.Bradley@usm.edu, 228.214.5402										
Image: Section 1 Image: Section 2 Image: Section 2 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>																
Image: Single																
Image: Single						Brief description of activities:										
Image: Section 1 Image: Section 1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>A series of man-made and natural disasters have impacted the wild shrimp fishery in coastal Mississippi, beginning with the impact of Hurricane Katrina and continuing through the disaster recovery</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>						A series of man-made and natural disasters have impacted the wild shrimp fishery in coastal Mississippi, beginning with the impact of Hurricane Katrina and continuing through the disaster recovery										
Image: Source																
Image: Single						2003 harvest and continue through 2023. The 2003 and 2004 years will provide important accepte-disaster benchmarksace Monitoring and estimating the economic impact of this fishery (both on the	2									
Image: 1 Image: 2 Image: 2 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>coastal counties and the state of Missispipi will add to the body of knowledge on the financial contribution of the fishery to these economics. Using established and conventional modeling software, a customized economic impact model will built and maintained for the lower six countries in Missispio to support the research arenda. Among the outcomes will include channes in economic</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>						coastal counties and the state of Missispipi will add to the body of knowledge on the financial contribution of the fishery to these economics. Using established and conventional modeling software, a customized economic impact model will built and maintained for the lower six countries in Missispio to support the research arenda. Among the outcomes will include channes in economic										
Image: 1 Image: 1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>growth due to the industry, and related changes in jobs and income. The College of Business will supply the business analytics to support the efforts of GCRL regarding the recovery and restoration of</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>						growth due to the industry, and related changes in jobs and income. The College of Business will supply the business analytics to support the efforts of GCRL regarding the recovery and restoration of										
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Image: Normal Procession Processio Procession Procession Procession Procession																
						How will this leverage with other RESTORE priority areas or non-RESTORE funds?										
Normal 101 Like of the second						atcethe main areas the seafood industry is focused on at GoCoast 2020 Final Report, January, 2013, p. 25). The research will also leverage the scientific inquiries to support, restore and grow the										
Image: Note: Note																
Normal		Research and Education	21//	11/11/2014			Harrison	Tes	Tes N	0 NO	res	NO TES	16.7	es	\$ 600,000.00	s .
Note: 1 1 Note: 1 Note: 1 1 Note:						Point of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth.LaFleur@usm.edu, 228.214.3438 and Dr. Gregory Bradley, Gregory.Bradley@usm.edu, 228.214.5402										
Image: Single					1											
Image: Single					1	InfrastructureEducational programResearch programWorkforce developmentEco-RestorationxSeafoodOther (Name):										
$ = \frac{1}{10000000000000000000000000000000000$						Brief description of activities:										
$ = \frac{1}{10000000000000000000000000000000000$					1	A series of man-made and natural disasters have impacted the wild crab fishery in coastal Mississippi, beginning with the impact of Hurricane Katrina and continuing through the disaster recovery										
Image: 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1					1	processes associated with the Mississippi River flooding and opening of the Bonnet Carre spillway and the Deepwater Horizon Spill. The wild crab fishery is important to the history, culture and										
Image: 1 Image: 1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>2003 harvest and continue through 2023. The 2003 and 2004 years will provide important & cepre-disaster benchmarks 20 Monitoring and estimating the economic impact of this fishery (both on the</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>						2003 harvest and continue through 2023. The 2003 and 2004 years will provide important & cepre-disaster benchmarks 20 Monitoring and estimating the economic impact of this fishery (both on the										
Image: 1 Image: 2 Image: 2 <td< td=""><td></td><td></td><td></td><td></td><td></td><td>coastal counties and the state of Mississippi) will add to the body of knowledge on the financial contribution of the fishery to these economies. Using established and conventional modeling software,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>						coastal counties and the state of Mississippi) will add to the body of knowledge on the financial contribution of the fishery to these economies. Using established and conventional modeling software,										
Image: Note: 1 Number: 1<						growth due to the industry, and related changes in jobs and income. The College of Business will supply the business analytics to support the efforts of GCRL regarding the recovery and restoration of										
Image: Note: Image: Not: Image: Note: Image: Note: Image: Not: Image: Not Imag						this fishery. Notably, this series of models will serve as a prelude to the development of an economic impact forecasting model based on expected commercial yield and other outcomes.										
- -																
Note: 101 101 Note: 101 <						Infrastructure cost (# years): 5100,000 (1 year) Annual Oberations & Maintenance Cost (# years): 550,000/year for 10 years										
Image: Note: Note																
I Number Hather names and undergrad status and the sta						How will this leverage with other RESTORE priority areas or non-RESTORE funds?										
Image: state						The research project will leverage the RESTORE priority area of seafood, specifically the call for & docenomic impacts from commercial and recreational fixing along the Gui Waters additive da so not of the state and any and the seafood induct to its for stored on priority and a seafood seafood and the state and and any and the seafood and the state and any and the seafood a	E.									
Nature Nature Note: N						commercial fisheries projects proposed for RESTORE funding by the Gulf Coast Research Laboratory.										
Note: 1 1 1 1000000000000000000000000000000000000		Perearch and	2178	11/11/2014	An Economic Impact Time-Series Model of	Brief Title: An Economic Impact Time-Series Model of the Ovster Fishery in Coastal Mississioni										
- -	1	Education					Harrison	Yes	Yes N	o No	res	NO YES	16.7	'es	\$ 600,000.00	ş -
Image: Normal Part Part Part Part Part Part Part Part		Education					Harrison	Yes	Yes N	o No	res	NO YES	16.7 1	'es	\$ 600,000.00	\$ -
Image: 1 1<		Education				Point of Contact, email and Phone 8: Dr. Elizabeth LaFleur, Beth. LaFleur@usm.edu, 228.214.3438 and Dr. Gregory Bradley, Gregory.Bradley@usm.edu, 228.214.5402	Harrison	Yes	Yes N	o No	res	NO YES	16.7 1	'es	\$ 600,000.00	ş -
- -		Education				Heist of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth. LaFleur@uum.edu, 228.214.3438 and Dr. Gregory Bradley, Gregory Bradley@uum.edu, 228.214.5402 Type of project:	Harrison	Yes	Yes N	o No	Yes	ND Yes	16.7 1	les	\$ 600,000.00	Ş -
- -		Education				heine of Contact, email and Phone #: Dr. Elizabeth Läfieur, Beth. Läfieur@uum.edu, 228.214.3438 and Dr. Gregory Bradley, Gregory, Br	Harrison	Yes	Yes N	o No	Yes	ND YES	16.7 9	195	\$ 600,000.00	5 -
Results and a series and a series of the		Education				heint of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth. LaFleur/Busm.edu, 228.214.3438 and Dr. Gregory Bradley, Gregory Bradley, Busseley, 228.214.3402 Type of project: 	Harrison	Yes	Yes N	o No	Tes	ND YES	16.7 \$	ies	\$ 600,000.00	5 -
Result is in the series of the story of the sto		Education				Neit of Contact, email and Phone #: D: Elizabeth Laffleur, Beth. Laffleur (Busn. edu, 228.214.348 and D: Gregory Bradley, Bradley, Gregory Bra	Harrison	Yes	Yes N	o No	Tes	NO YES	16.7 \$	ies	\$ 600,000.00	5 -
Image: Set in the set		Education				Peire of Contact, email and Phone E. D: Elizabeth LaFleur, Beth. LaFleur@sum.edu, 228.214.3438 and D: Gregory Bradley, Gregor	Harrison	Yes	Yes N	o No	Tes	NO TES	16.7)	les	\$ 600,000.00	5 -
ha for bar bar bar bar bar bar bar bar bar ba		Education				Relief of Contact, email and Phone E. D: Elizabeth LaFleur, Beth. LaFleur@kum.edu, 228.214.3438 and D: Gregory Bradley, Grego	Harrison /	Yes	Yes N	o No	Tes	NO TES	16.7 1	les	\$ 600,000.00	5 -
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possible. However, there is no lower comprehensive times assessment of the sconoucli impact of forum multivities by stactor in coatal Musicipy, or to there any toxico collective effort to better understand with stacta add Musicipy and with, The research operative scale model the sconoucli impact of forum multivities and yet score add multivities and yet are any score offic access and thousing a coll of the score and the score and thousing a coll of the score and the score and thousing a coll of the score and the score and thousing a coll of the score and thousing a coll of the score and the score and the score and the score and thousing a coll of the score and thousing a coll of the score and the sco		Research and	2179		the Cryster Fibhery in Coastal Misiosopol A Comprehensive Economic Impact Time- Series Media of Tourum Activities in Coasta	Next of Contact, email and Phone #: Dr. Elitabeth Lafleurg bein. Lafleurg being bein	Hamison	Yes	Ves N N	o No cs Yes	Ye	NO TES	16.7 (25		s - s -
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Ling established and convertional modeling software, a customic exponent impact model will be ultra and mutationated for the lower in accounties in Ministopie to support the research agenda. Economic impact analysis will be conductive support of the server is the lower in a counter is in Ministopie to support the research agenda. and hotels and loging. Among the outcomes will include charges in polse and recomes. The College of Business will supply the ongoing Business analytics for the effort, which is a significant and origins. The research agenda is a significant and origins in the area. Location (Cipt, Country): Long Badoh, Narrison Country Inflationation of the Materiance Coll (Parsh). Note Among Opported in A Matteriance Coll (Parsh). 51,000,000/years for 10 years		Research and	2179		the Cryster Fibhery in Coastal Misiosopol A Comprehensive Economic Impact Time- Series Media of Tourum Activities in Coasta	Next of Contact, email and Phone #: Dr. Elizabeth Lafleur, leich Lafleurg/kunn.edu, 228 214.348 and Dr. Gregory Bradley, Gregory Bradley, Brunn, edu, 228.214.5402 Type of opticit:	Harrison	Yes	Ves N N	o No 25 Yes	10	NO 125	16.7 (95 95		s - s -
Economic impact analyses will be conducted in the aggregated addy busines segment to determine the effects on all sectors of the economy to include support amendies such as restaurants and bars, and head the economic growth, and related changes in jobs and income. The College of Business will supply the origing business analytics for this effort, which Bits a significant and critical research gap in this area. Location (City, County): Long Nach, Neutroion Courty Infratancture: core of Upwarks. Neutroion Courty Infratancture: core of Upwarks. Second Court (Upwarks Neutroion Courty)		Research and	2179		the Cryster Fibhery in Coastal Misiosopol A Comprehensive Economic Impact Time- Series Media of Tourum Activities in Coasta	Next of Contact, email and Phone #: Dr. Elitabeth Lafleurg bein. Lafleurg bein Lafleurg being bei	Harrison	Yes	Ves. N N	o No rs Yes	19	NO 125	16.7 (93		5 -
this effort, which fils a significant and ortical research gap in this area. Location (Crity, County): Long Search Animetrica County I Instanticular control (France): Non- Annual Operation & Maintenance Cost (# years): \$15,000,000/year for 10 years		Research and	2179		the Cryster Fibhery in Coastal Misiosopol A Comprehensive Economic Impact Time- Series Media of Tourum Activities in Coasta	Next of Contact, email and Phone #: Dr. Elizabeth Lafleur, Beth. Lafleurgluon.edu, 228 214.348 and Dr. Gregory Bradley, Gregory Bradley, Brun, edu, 228.214.5402 Type of optic:infrastructure flocutional program Research program Workforce development Conomic development Eco-Restoration SeafeedOther (Name): Bit de decorption of adveloe: A series of nam-made and natural distorts: have impacted the wild optar fibery in costal Mississipi, the impact of future and staturation through 2002. The 2003 coll stature in the impact of the foot grad agoing in the foot grad agoing in the impact of the foot grad agoing in the impact of the intervence available. Economic impact of the history block of the costal Mississipi. The research appies wild estimate the economic impact of the fibery or a 20 yary period, and da lacorem available. Economic impact of the history block of the costal Mississipi. The research appies will be advelopment	Hamison	Yes	Yes N N	5 No.	10	NO YES	16.7 (95 95		s - s -
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Infrastructure cost (# years): None Annual Operation & Maintenance Cost (# years): 51,500,000/year for 10 years		Research and	2179		the Cryster Fibhery in Coastal Misiosopol A Comprehensive Economic Impact Time- Series Media of Tourum Activities in Coasta	And of Contact, email and Phone E. D: Elizabeth Lafleurg bein Lafleurg being b		Yes	Yes N	o No		10 10	16.7	55 53		5 -
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Hew will this leverage with other RESTORE priority areas or non-RESTORE funds?		Research and	2179		the Cryster Fibhery in Coastal Misiosopol A Comprehensive Economic Impact Time- Series Media of Tourum Activities in Coasta	Next of Contact, email and Phone #: Dr. Elizabeth Lafleur, leich Lafleurgivan.edu, 228 214.348 and Dr. Gregory Bradley, Gregory Bradley, Gregory Bradley, Dregory Bradley, Drego		Yes	Ven N H	9 NO	10	NO 10	16.7 (85		s - s -
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L.	arearch and	2190	11/11/2014	A Comprehenrive Economic Impart Time	Brief Title: A Comprehension Economic Impact Time Series Model of Recreational Marine Activities in Coastal Minimizioni	Harrison	Ver	Ver Ver	Var	No. No.	Ver	\$ 9 500 000 00 \$	
E	esearch and ducation	2180	11/11/2014	A Compensative Economic Proget Time: Series Model of Benefational Marina Activities in Coastal Ministrappi	Bird Titk: A Comprehensive Economic Impact Time Series Model of Recreational Musine Activities in Castal Musissippi Point of Contact, email and Phone B: Dr. Blasbeth LaFieur, Beth. LaFie	Harrison	Yes	Yes Yes	Yes Yes	No No	Yes	\$ 9,500,000 S	
					which file a significant and critical research gap in this area. Location (City, County): Long Beach, Harrison County Infranzizative cost (El years). Home Annual Operation & Mantenance Cost (El years): 5550,000/year for 10 years Mowal Uthis levenage which her RESIGUE (Enrich years cost and second secon								
					The research project will leverage the RESTORE priority areas of Eco-Restoration, Economic Development, Seafood, and Tourism by measuring recreational monetary outcomes of our coastal natural								
	esearch and ducation	2181	11/11/2014	Continuous record of water quality for evaluating restoration impacts (nutrients, trace metals, microbial communities and physical measurements)	resource and the blue economy, Specifically, this effort is based on the call for projects that provide Kad aftect impact on residential ⁴⁴ quality of HeSQMmot in listed under Additional The goal of recognitive elevation is to provide a productive and submained econycent that travels in the increase at hosfborrely and nutritive retention. In near Your marking, plant diversity and species effectives and to calchoor superstration, charges in water quality and nutritive retention. Nowere, such wethands are generally either intragent or photoproxal limited and the availability of these exected in univers affects plant community type and species richness. Therefore, an essential step in the restoration of Missing plant Journal and the availability of these exected in univers affects plant community type and species richness. Therefore, an essential step in the restoration of Missing plant Journal and the availability of these essential invites. Since Share Community type and species richness. Therefore, an essential step is the restoration of Missing plant Journal and the availability of the share based on measurements of DIN, DP, chorophylit as water calcity, and disclowed oxygers, however, because no DIP sensors are based on discrete samples and the availability of ending people to ask. A result there are limited thermare lamperation and water limits and the same that the same three area in the provide share thermare lamperation of universe enginess and when weather is basil. In contrast,	Jackson, Harrison	Yes	No No	No Yes	Yes No	No	\$ 380,000.00 \$	-
					and/set of administration of administration of the set								
					We popse to display new state of othe ert water quality monitoring systems that couples standard snown measurements with Donotkampler systems that are specifically designed to prevene fluids. For narisents, trace metals, and incicioal social state and an annual addiments that latter resulting in the incident is zero restate. The second and incicioals is zero result on the social and are molitoring statement with the incident is an end as a state of a state of addiments the latter resulting from changes is needed state. There metals can be too is and are molitoring state and an annual addiments the latter resulting from changes in redox state. Sample also will using stated and incicioal is zero result on the social and are molitoring stated and incicioal is state metal and annual addiments the latter resulting from changes in redox state. Sample also will using stated incicioal is and the state and annual addiments the latter resulting from changes in redox state. Sample also will addiments that the resolution in these endorments.								
					feployment of a weak in duration will be deployed and recovered (Hourly record). Samples will be analyzed at UM and other universities (e.g. USM). Fabrication, deployment, recovery, and analytical costs are estimated at \$380x with university overhead.	1							
F	esearch and ducation	2182	11/11/2014	Continuous Monitoring of Subsurface Wate Quality (Nutrink, Metais, Salinity, Pressure using Pizometers (Boreholes)	In The goal or cological reduction is to provide a productive and suitabile cocyteme that result in the increase in biodenerity and nutrient retention. In next, bank mercessa and the solution of the process difference and the cological productive and the solution of the process difference and solution are generally defined and productive transfers. Mercine solution are generally defined and productive transfers of productives and the solution on production of these execution units the solution are generally defined and productive transfers. Mercine solution are generally defined to understand the temporal agent of competitions, physical trans and nutrient instands. Therefore, compared to value regularly before and during restoration progrets and to elucidate the effect of fails foring on the substrates. Another compared to understand the temporal agent of valuer quiling to the solution of the s	Mobile,Jackson,H arrison	Yes	No No	No Yes	Yes No	No	S 280,000.00 S	
					The novel system that we propose to deploy couples standard sensor measurements with OzmoSampier systems that are specifically designed to preserve fluids for nutrient and taxe metal concentrations. OmoSampiers are continuous fluid samplers that have been silited for occessin, estuarine, netwine, and land based borehole and piesometer estand. (What et al. 2011). OmoSampiers use monicy padients to date likels in to mails been tables. The silva pump rate and mails been table dispersion flannach et al., 2001). So chaytens the been designed for studies of days (samples every 15 minute) to 5 years (samples every week) and can be designed to preserve samples in situ for later laboratory-based analysis of disolved metals.								
					We propose to deploy 4 units in representative environments within Minisippis Stundy proposed restruction projects for one year. Each unit will be recovered and redeployed every quarter (daily record) during within a companion deployment of a wesh in Antancia libe deployed and recovered (blow) record). Samples will be analyzed at UM and other universities (e.g. USM). Fabrication, deployment, recovery, and analytical costs are estimated at \$2000 with university overhead included.								
	esearch and ducation	2183	11/11/2014	RETMA: A K & STEM (Science, Technology, Engineering, and Mathematics) Program for Mississippi	Restortion and monitoring projects in Missiogapi Sourd require STM (Soince, Technology, Engineering, and Mathematics)-arained personnel and a community data specification in the analysis of the specification of the spec	Pearl i River, Washingto n, Hancock, Stone, St Tammany, Mobile , Jackson, Forrest, Perry, Harrison, Ge orge	Yes	No No	No Yes	Yés Yes	20 Yes	\$ 570,000.00 \$	- STEM Curriculum
					The RETINA program has been designed, modified, and tested in several diverse schools in California and Vermont. It is now posed to sepand. Because RETINAAC®s hands on activities require (1) components that may be prohibitively expensive in today(4)* selections final diment, (2) secre storage space, and (1) technology away individuals to intraining spacem, the RETINA Program is designed as a transform graph may be prohibitively expensive in today(4)* selections final diment, (2) secre storage space, and (1) technology away individuals to intraining spacem, the RETINA Program is designed as a transform dimension of the results of the RETINA Program is (3) technological the RETINA Program within school system to enage students, and (4) organize a community service regenization to provide technical and begintical support to maintain and refurbish modules and to transport cargo vans from school to school. Each van will be loaded with modules to accommodate 5 different classrooms per grade for each of the K & grades at a particular school. Given a week-long program, one cargo van can resch ~20	v							
					Each van will be loader with modules to accommodate 5 different Classrooms per grade for each of the F4 grades at a particular school. Over a veek-long program, one cargo van can reach -70 different school per val (DL000 student); with the two van proposed herein the cost per school school reaction of the STAC (24) and 47 latence costs to maintain and transport systems can be as tow as "SIG for each cargo van per year (<20.05 per student) and supported by a community organization. Additional van and professional development can be added to reach each of the 447 elementary schools in Musissippi.								

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Jucation Technology, Engineering, and Mathematics) benefits of these actions for the future health of the Mississippi Sound and for maintaining or improving all of the activities and benefits that mankind has expected from the Mississippi Sound. One of	\$ 95,000.00 \$ - STEM Curriculum
Activity for 4th Grade Students the best ways to reach a community is by providing an exciting and stimulating hand-on activity to student that relay this excitement to their parents. Given the breadth of potential science and grade-thased learning Thus, your activity activity student experiment to the degrad development of simple robotic systems through team-based and project-based learning Thus, your activity student experiment holds and excited presents. Given the breadth of potential science and the student experiment to the degrad development of simple robotic systems through team-based and project-based learning Thus, your activity to student experiments.	
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students to the scalary of autiliar or agriculture justicity automatications and a mechanism to study these organisms using underwater envolve-periodic wholes (00/). The Pagram begins with an introductory assembly-due presentation introductory assembler organisms, and be appresentation introductory assembler assemblers, and be appresented as introductory assemblers and assemble assemble assemble assemble assemble assembles and assemble assembles and assemble assembles assemble assembles assemble	
functionality of ROV while exposing students to potential careers. Then exact one case at a time is introduced to parts, motors, and watches to build a simple, but functional ROV. Student teams then text is the rest of the	
he tage for fun and revealing learning apportunity and provides a rank ownof fare works for understanding accelege and technologies that are active in the Guil of Mexics. When students are end to be accelerated in the Guil or the Guild and	
We propose to expand this program to reach many of Missispipid ⁴⁷⁵ 447 elementary schools. We request \$95K for salaries, supplies, and travel (gaz/lodging) to reach 80 individual schools (*8,000	
Fourth grade students) with the help of volunteers and unpaid student interns.	
escarch and 218 11/12/01 \$ub-bottom profile, sediment draw profile	\$ 650,000.00 \$ - Equipment development
(3m) water portion of Mussippi Sound aided though the use of autonomous surface boats	
We propose a solution to this problem that affords an expansive mapping organs for three hallow water areas with the resolution necessary to tax kemporal changes in seafabor relief and to discuss multiple organs for the di	
boats (kayaks) that is responsive to a manned boat (e.g., Boston Whaler) with a multi-beam system and a sub-bottom chirp sonar. This automation exists (e.g., Mahacek et al., 2009; Kitts and Mas, 2009) and has been expanded upon for gradent following (e.g., Adamk et al., 2013).	
Abbi-rotor systems offer many advantages over a single system, including redundancy, coverage and ficuliable areas to test technical considerations is contricting individual units. We have designed are discussed as released and another sense (450) that is capital another some regular control technics. The Red Xia are motioned by a	
centralised controller, implemented via a sea-based comparer that wirelevely necessis AV data and relays drive commands that are monitored by humans. Humans can intervene to adjust spacing abaded on visual curas and based from the AVX-Timor, or uture space control based on the best quality data and an antikomy wriging sealizof to retrain.	
Furthermore, the manned presence provides a measure of quality control for the multi-beam system and chirp sub-bottom source on the command vessel.	
We propose to fabricate 8 autonomous systems basis that will respond to a state comparison on a command bia. Specifically we will use 8 bactors Wale with pole mounted multi-beam and sub- bottom profiles coarso to too the field of AVs to be site and directer. There the AVs will be initiated and follow inclusions back. We will use A bactors Wale and pole coarso to too the field activity operative Market Charges as a state of a field activity operative and to back to experiment the and the found activity operative and activity and activity and activity of a state of the AVs to be site and the Market for the command vessel. With dise by vise AVS operation with 50 meter spacing and at 12 bocsts, we will be able to cover.15 million and ease a bactor mode a statement respective, and proved a indicative statement respective, and proved an indicative statement respective,	
to cover 1.5 sm2/m or 1.4 sm2/asy (5,500 acres). Inits will provide a sathymetric map with centimeter resolution, characterite stolment type, and provide an indication or subsurface strategraphy. Each kayak will cost 515K to purchase, instrument, and integrate with the aid of a graduate student, engineering technical support, and a small operational team. These kayaks will be integrated into	
the command structure during fear 1. For Year 2 we propose 20 days of operation in Musissippi Sound to cover ("75,000 acres or 117 square miles). The total cost of the proparing the vehicles in Year 1 and operating them in the field for 20 days in Year 2. Is \$5600, bot mill growted 117 square miles of data in a GIS format that can be revisited yearly at a much reduced cost to monitor changes in bedform to relativish dysolition and acression at res with Musissippi Sound.	
service and 2128 11/12/2014 Development of a Statewide Engineering The National Oceanic and Atmospheric Administration highlights the importance of the marine sector MacDane of every is lobe in the United State is marine-related and over one-third of the U.S. Hannook Jackson Yes No No No No No No Yes Yes Yes Yes	S 160.000.00 S - Curriculum developmen
Succion Innovacion Pogram for Mainis Sectional Conference Conference and Conference Conf	Curricului developmen
Pactorealize Projects	
We propose to make an investment in the education of engineers at the college level within the state of Musicipyi, by exposing students to challenging engineering applications in the marine world,	
thereby opening the door to a plethora of potential careers. To accomplush this feat we will team up with Dr. Chris Kitts, Associate Dean of Research and Faculty Development, School of Engineering, Sama Clara University, who is funding by the Kam Family Foundation to evelope a multi-institutional, cooperative, engineering program in which team of students engineers and mentoo design and fabrication and/or samos. These conducts are interared amount of water dearson to condition active data condition activity for activity of the activity	
Ithereby opening the door to a patchora of potential careers. To accomplish for adv well team up with Dr. Crink IIIIs, Macadiate Deard Research and Stachty Deterdipment, School of Engineering, State LC and the structure of the	
Thereby opening the door to a plehoar of potential careers. To accomplish fixed are will beam up with Dr. Chris KIts, Macculare Deard Research and Faculty Developments, School of Engineering, Image: Chris Macculare Deard Research and Faculty Developments, School of Engineering, Stat CL 2014 Unlevely, who is founding by the Kern Singh Fondation to develop and with Dr. Chris KIts, Macculare Deard Research and Faculty Developments, School of Engineering, Image: Chris Macculare Deard Research and Faculty Developments, School of Engineering, Stat CL 2014 Unlevely, who is founding by the Kern Singh Fondation to develop and with the stat detace that baccomplishes a scientific goal. This successful and long standing program, we propose to a similar program within the stat ef Macuulary and Research and Berneron. Image: Chris Macculare Development and Research and Berneron. Building upon this successful program, we propose to a similar porgram within the stat ef Macuulary and Research and Berneron. Image: Chris Macculare Development and Research and Berneron. Image: Chris Macculare Development and Research and Berneron. Building upon this successful development and the of Macuulary and Research and the development and Research and Rese	
I hereby opening the door to a pitchora of potential careers. To accomplish free day will be no up with Dr. Crite Sitts, Mosciate Danoi Reasertà and Sachty Deredipioners, School of Trajneerring, Statt C. Care To accompliant and the annore and the complexity of the second second and the second and sachty Deredipioners, School of Trajneerring, and care the second	
thereby opening the door to a plehora of potential careers. To accomplish focate we will them up with Dr. Chris Kits, Mosciate Bean of Reazerth and Faculty Development, School of Engineering, Statt Care Duriversity, who is funding by the Kern Smithy Foundation to develop a multi-the site statutes there site serversity and the complete a specified task that accomplishes a scientific gal. This successful and long standing program, we propose to a similar program within the state of Musicippion of Potient Foundation on the Site and Statutes and Care Statutes and Ca	

Research and	2100	11/12/2014	Purchase and Sea Trials of a 4000-m Capable	The Mational Concepts and Attanents of Attalentiation birth light to the Incompany of the main state of the Concept of the U.S.	1	V	Ver N		No.	Ver	Vec	100 200		F 000 000 00	1	Equipment development and purcha
Education	2190	11/12/2014	Remotely Operated Vehicle for Marine Science Discovery and Experimentation	The National Oceanic and Amongonetic Administration highlights the importance of the marine sector Stateone of every is jobs in the United State is numericalized and over one-third of the U.S. Gross National Product originates in coastal aread/IG Amengele of the growth in the marine sector is the opectation that remotely operated vehicles (ROV) in 2015 are anticipated to have net revenues of SHA with a node of magnitude more speet on operations. Similarly, investment and JAV's advancing with a projectical arease and the storage of AuXiV (\$2.38) by 2013 and the growth of sensors and navigational equipment doubled in the 2010-2011 period alone [Lee et al. 2012]. However, no deep water ROV systems for marine science are based in the state of Mississippi in any of the five states the broter the Guild Monico.	r	Tes	res n		, re	Yes	Yes	100 Yes	\$	5,000,000.00	\$ ·	Equipment development and purcha
				We oppose to add as a newtrant to the intransaction of disability Marking Consoling to though the processe and sea that and a 2000 in capable memory manual which (100). The Macoull and prime the business characteristic theory and processes and the processes and the transmer of disability and the second second and the charge and characteristic the and the charge and characteristic the and the charge and characteristic the second second and the second second and the charge and characteristic the second second and the second second and the second second second and the second second second second and the second se												
				The cost for such a vehicle would include a tether, winch, and tether management system, control van, and supply van. The vehicle would have 2 seven-function manipulators. The cost for this the design, purchase, and sea trials is "\$\$M and would take 3.4 years to complete the final integration of systems for ocean operations.												
Research and	2200	11/13/2014	Integration of Earth Observations with	Project Goal: To integrate water quality parameters derived from remote sensing with hydrodynamic water quality models to improve the monitoring and assessment of Mississippi Sound estuary.	Hancock,Mobile,J	Yes	No N	lo No	No No	Yes	No	No	\$	750,000.00	\$-	
Education			Computational Modeling to Improve Estuar Water Quality Monitoring in the Mississippi Sound Estuary	Derview and Motivation: The Guil of Mexico has received a treemendous of amount of attention lately from government, private industry and the general public. As a result of the Deepwater Horizo oil reiseas, agrent deal of attention has been given to restoration of the Guil of Mexico and as a result of Congregional action, the RESTORE Act was passed. Later the strength of the Mexico conference organized by the Hark Research Institute at Texas ARM Institutes 114 actional Mark Later muther of speakers space of the medic for science data to monitor restoration projects and to evaluate the potential for success of selected restoration projects. The linkage of remote sensing with hydrodynamic modeling can provide that needed monitoring.	ackson,Harrison											
				Estualies represent an important component of the complex and dynamic costal watersheed. They are usually characterised by Jaynus; chemical gradient and complex dynamics, which can result in angle transformation to new the index of the start and the fact of material angle results in the anomet, chemical and manual main gradient of the fact of material angle results in the start of the start and the start of the start												
				Numerical models are capable of providing hydrodynamically computed water quality data to study estuares, however, it is difficult to set initialization and board models are dependent of the set of												
				Satellise months ensing provides as synoptic and multi-temporal view of water quality at offerent resolutions, spatial, temporal, and spectral. Satellise removes anising commonly used for water quality parameters includes MODR, WISH and Lindon. With their idluterporal resolution and good pertraf bankler for water quality. MODB water quality on a frequent loss. The Lindon's water idluter thermal resolution, but is limited in its temporal resolution to a 16 day report exploring. The casalard uncomment, temporal frequence is important.												
				While both techniques have walenesses, when integrated here are a goverful tool to study water quality in estuarize environments. The integration of these values developed and demonstrated through a nextent application to study water quality possibles in lake Pontientarian during Bonnet Cartol 200 Galway openies (1) apply Hossine et al., 2013; Chao et al., 2012; Chao et al., 2012; Chao et al., 2013; Chao et al., 2013; Chao et al., 2014; Chao et al., 2014; Chao et al., 2014; Chao et al., 2014; Chao et al., 2012; In that study, the integration of remote sensing data with the COH3D numerical water quality model was used to map and monitor suspended sediment concentrations, chiorophyli- concentration and salinity in the lake water at high spatial and temporal resolution. Safellite imagery derived water quality data were used to initialite, calibate and validate the numerical model.												
Research and	2201	11/13/2014	Commercial Proving Ground for Space to Se	Project Description: Commercial Proving Ground for Space to Sea Floor Environmental Monitoring Technologies and Autonomous Airborne and Maritime Systems	Hancock lackson	Yes	Yes	05 Ve	Vet	Yes	No	Yes	٩.	2.500.000.00	s .	
Education			Floor Environmental Monitoring ¹ Technologies and Autonomous Airborne an Martime Systems	Project Onvolve and National Treating and validation mere environmental monitoring technologies to enable long term ladv use planning, management, and sustainability of castal resources is a foundational precept of community realines through ecception and restoration. Protecting these castal resources which provide critical ecological anterios: to the communities and preservation and restorations. The National Differs against community and as also reline mere integrities the second and the sec												
				The particularly the market is currently exploding in low cost environmental monitoring technologies including commercial small statilities, unmanned air vehicles (LMAA), and autonomous martime vehicles operation or and blow the surface. To reduce vehicle cost, weight and gover requirements, these platforms typically contin on board calibration equipment. Therefore, net or way experimonential data stream from here platforms on a bruitated and calibrated it through well including commercial small state time including and the same fragments. Therefore, there is a streament by providing the means for Mississippi compares to enter the market with provem and tested information products and platforms. At the same times are diverted entry and is allowed with BSTM exclusive focusted to sustainable wethands and realised to responsing in analysis on wethands undergoing restoration and to all in reporting long term outcomes in and data. In additional terms of the same wethand and calibration related habitas tickeling is unable for the same share the same terms of the same terms and the same times are detained habitas tickling is calibrative data streament by providing the exclusion of the same streament by reveal data wethands and calibration related habitas tickling is calibrative data streament and the same terms and the same terms are barried to relate the same streament and the same terms are barried to relate the same streament and the same term and the same terms and the same terms and the same terms and the same terms and terms and the same terms and the same terms and the same terms and terms and terms and terms and the same streament and the same terms and the same terms and the same terms and terms and the same terms and t	5											
Research and Education	3209	11/14/2014	Oyster Reef Mapping and Habitat Monitoring – Suggestions to Improve Commercial Yield	compatible, and competing and uses. Optice Reef Mapping and behast Montinents & "Suggestions to Improve Commercial Yield Dr. Area Derects (USM), Dr. Ian Church (USM) and Dr. Craig Lickey (UM) Castal Jubitary provide complexity, Juliany and economic value. They act a critical habitat for thousands of species, including numerous threatened and endangened species, by providing shelter, Castal Jubitary provide complexity, Juliany and economic value. They act a critical habitat for thousands of species, including numerous threatened and endangened species, by providing shelter, Castal habitatis provide complexity, Juliany and economic value. They act a critical habitat for thousands of species, including numerous threatened and endangened species, by providing shelter, Castal habitatis provides economic value.	Hancock,St Tammany,Mobile ,Jackson,Harrison	Yes	Yes N	lo Ye	s No	Yes	No	Yes	\$	1,360,324.00	\$-	
				paraming grounds, and food. Optiers, a commercially hardwards food source in the Mixikapit Sound, are subject to many natural and man-made impacts; tocking at terms moving and on the reef and barge traffic manip acrosite here if the locating by underessival will admage there refer structure, take to many characterized and the reef and ange to the location will be refer and the refer at the structure to the traffic and provide the structure to the traffic and provide the structure to the traffic and the structure to the traffic and the structure to activate the structure to the traffic and the structure to activate the structure to the traffic and the structure to activate the structure the structure to activate the structure the structure to activate the structu												
				durnaging or even destroying the natural ecosystem that allows these reefs to flourish and grow producing the seafood coverted by many. It is costly, time consuming and labor intensive to estimate health and shape of a langle reef using conventional methods of spot sampling using small boats and oyster tangs of oyster shells on the seafood. We have the set of the reef and the bey prospes to may one oyster reef that previously showed signs of damage, using a multibeam echo sounder, a sub bottom profiler and a side scan sonar to establish the extent of the reef and the set of the set of the set of the set of the set of the reef and the set of the set of the reef and the ree												
				damaging or even destroying the natural ecosystem that allows these refer to Bornha and group producing the sandbace coverted by many. It is costly, time consuming and labol intensive to estimate hash and happe of allow expert error that previously showed signs of damage, using a multiterant echa subject and so that and any etc. The of other shows the consuming and labol intensive to estimate hash and happe of allows expert error that previously showed signs of damage, using a multiterant echa subject and so that any etc. The other shows the same and any etc. The of other shows the same and any etc. The other shows the compared to evaluate the health status of the damaget ref. In case of natural or man made distance we will collect additional data to properly document the effects of the new relative analyzes to be likely to sustain a positive relef after culoning thus providing the hard ground messarily for young orystem to grow on. An additional gatal multibeam savey of the new youlded are after will be used to evaluate the distribution of the thardy can draw and and a same and the same												
				damaging or even destroying the studie ecosystem that allows these refer to flow that and group producing the studied corrected by many. It is cosity, time consuming and labol intensive to estimate hash and have a flow of ending end												
Research and Education	3210	11/14/2014	Seagnos Habitat Obaractorization Using Accurita and Sedimentological Techniques	damaging or even destroying the natural ecosystem that allows these refers to Bowth and group producing the sandback corrected by many. It is cosity, time consuming and labol intensive to estimate hash and have a figure of using constraint enterthy of spots maniforming and prace toog of prace transfers on the sandback. The sense of the event of the events to be referent of the event of the even of the event of the ev	Hancock.St Tammary, Mobile	Yes	Yes N	io Ye	s No	Yes	No	Yes	\$	1,480,192.00	\$-	
Research and Education	3210	11/14/2014	Seagnas Habitat Characterization Using Acounts and Sedmentological Techniques	damaging even destroying the natural ecosystem that allows these refers to Bowth and group producing the sandback corrected by many. It is cosity, time consuming and labol intensive to estimate hash and have a figure of using consuming and labol sandback and labol to be set of prior tables on the sandback correct of the event of the set of the best of the set		Yes	Yes N	io Ye	s No	Yes	No	Ye	\$	1,480,192.00 :	\$	
Research and Education	3210	11/14/2014	Seagross Habitat Characterization Using Acoustic and Sedimentological Techniques	damaging or even destroying the atural ecosystem that allows these refers to Bornish and group producing the saddod corrected by many. It is cosity, time consisting and labor terms of the saddod terms that and the saddod terms that and the saddod terms that and the terms of the saddod terms that and the terms	Tammany,Mobile	Yes	Yes N	io Ye	s No	Yes	No	Yes	5	1,480,192.00 :	\$	
Research and Education	3210	11/14/2014	Seagnos Habitat Obaracterization Using Acoustic and Sedimentological Techniques	damaging or even destroying the natural ecosystem that allows these refers to Bowins and gover provide prices thats on the costly, time consuming and labolist intensive to estimate hash and have a fight of ending common almobiol of gover hanging using small labolist and upper togic gives thats on the source. A next bible the source of the event of the e	Tammany,Mobile	Yes	Yes N	o Ye	5 No	Yes	No	Yes	\$	1,480,192.00	\$	
Research and Education	3210	11/14/2014	Seagnas Habitat Characterization Using Acoustic and Sedmentological Techniques	damaging or even destroying the studie ecosystem that allows these refers to flow that and grap producing the studied corrected by many. It is costly, there economics and the studied and the test of the studied to th	Tammany,Mobile	Yes	Yes N	o Ye	s No	Yes	No	Yes	\$	1,480,192.00 :	\$	
Research and Education	3210	11/14/2014	Seagross Habitat Characterization Using Acoustic and Sedimentological Techniques	damaging even destroying the attract ecosystem that allows these refets to flow that and group producing the standard corrected by many. It is cosity, there consuming and labol intensive to estimate which and layout any different standard consumers and the standard correct and standard the standard term of the standard of the standard term of the standard of the standard term of the standard term of the standard of the standard of the standard term of the standard term of the standard of the standard of the standard term of the	Tammany,Mobile	Yes	Yes N	io Ye	s No	Ves	No	Yes	Ś	1,480,192.00 :	\$	
Research and Education	3210	11/14/2014	Seagnos Habitat Characterization Using Acoustic and Sedimentological Techniques	damaging or even destroying the natural ecosystem that allows these refe to Bowth and group producing the subdoct correctly proven, it is cosity, time controlling and the subdoct of the set and back the set of the set set of the se	Tammany,Mobile	Yes	Yes N	io Ye	s No	Yes	No	fer	Ś	1,480,192.00 :	\$	
Research and Education	3210	11/14/2014	Segres Hohtal Conscionation Using Acoustic and Sedimentological Techniques	damaging or even destroying the atural ecosystem that allows these refers to flow that and grap producing the subfloot Corected by many. It is costly, time controlling and the times of the set mark beat and subject to early or the subscription. Access to stabilish the set accel of the set and the sub-set of the set and the set of the set o	Tammany,Mobile	Yes	Yes N	o Ye	s No	Yes	No	Fig	Ś	1,480,192.00 :	\$ -	
Research and Education	3210	11/14/2014	Seagnas Habitat Characterization Using Acoustic and Sedimentological Techniques	damaging even destroying the attract ecosystem that allows these refe to flow that and group producing the subflow coverts of the many. It is cosity, the constraining and laboli intensive to estimate which and layor if and even destroying the statule ecosystem that and the subflow of the s	Tammany,Mobile	Yes	Yes N N	o Ye	s No	Yes	No	Fis -	s	1,480,192.00	\$ -	
Research and Education	3210	11/14/2014	Seagnos Habitat Obaracterization Using Acoustic and Sedimentological Techniques	damaging even destroying the attract ecosystem that allows these refe to flow that and group producing the subflow coverts of the many. It is cosity, the constraining and laboli intensive to estimate which and layor if and even destroying the statule ecosystem that and the subflow of the s	Tammany,Mobile	Yes	Yes N N	o Ye	s 110	Yes	No	Yes	\$	1,480,192.00	\$	
Research and Education	3210	11/14/2014	Seagnes Hebitet Characterization Using Acoustic and Sedimentological Techniques	damages even deriving the natural ecosystem that allows these refe to fourth and group producing the saddpost correct by many. It is costly, time constraining and labor intensive to estimate the saddpost producing producing the saddpost correct by many. It is costly, time commission of the sadd to the saddpost of the saddpost correct by many. It is costly, time commission of the sadd to the saddpost time	Tammany,Mobile	Yes	Yes N	o Ye	• K	Yes	No	10	5	1,480,192.00 :	\$	
Research and Education	3210	11/34/2014	Seagnas Habitat Characterization Using Acoustic and Sedmentological Techniques	damaging even destroying the studie exception that all loss these refets to flow that and group producing the studied corrected by many. It is costly, the constraining and loss intensive to estimate which and loss prior to all constraints developed and the studied corrected by many. It is costly, the constraining and loss intensive to estimate which and loss prior to all constraints developed and loss prior to all constraints and loss the study of the studies and loss prior to all constraints and loss the studies of the stu	Tammany,Mobile	Yes	Yes N	o Ye	1 10	Yes	No		5	1,480,192.00 :	\$	
Research and Education	3210	11/14/2014	Seagnas Habitat Characterization Using Acoustic and Sedimentological Techniques	damaging even destroying the atural ecosystem that allows these refe to flow that and grap producing the subfloct corected by many. It is costly, time controlling and the times of the section of the se	Tammany,Mobile	Yes .	Tes N	o Ye	s Ko	Yes	No	Fe	\$	1,480,192.00	\$	
Research and Education	3210	11/14/3014	Seagnos Habitat Obarationization Using Acoustic and Sedimentological Techniques	damaging even destroying the studie exception that all loss these refets to flow that and group producing the studied corrected by many. It is costly, the constraining and loss intensive to estimate which and loss prior to all constraints developed and the studied corrected by many. It is costly, the constraining and loss intensive to estimate which and loss prior to all constraints developed and loss prior to all constraints and loss the study of the studies and loss prior to all constraints and loss the studies of the stu	Tammany,Mobile	Ves .	Yes N	o Ye	s No	Ves	No	Yes	\$	3,480,192.00 1	\$.	

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Research and Education	3211	9/1/2013 Project Explore: Students Exploring Ther	Project Dipoler is a Pathways project with the goal of interesting rundom's in grades 54 in science, technology, exlication and mathematics (TTMI) fields through order-stated sperinetees related to the impact of the 2010 Derevator intrinsic (Develop) in split and the ensuing retransition of first. One objective is to advoice and integrate the 2010 Derevator intrinsic and of school and paper technology and the accomplications to galance through after a table (Statuthray activates coupled with a two week non-indexient galance) and through after activation of the 2010 Derevator intrinsic of advoice approximates. This model will be implemented in a science approximate increase opportunities. This model will be implemented in a science approximation in the complex science approximation. Science approximation is a science of attributes. This model will be implemented in a science approximation in the Duber restoration of the complex science approximation of the advoice science and educators involved in the Duber restoration of the complex science approximation and advoices involved in the Duber restoration of the complex science approximate and advoices involved in the Duber restoration of the complex science approximation and will be part of the proposed paramy. Disciplingen represented in the restoration of educates involved in the Duber restoration of the complex science, in addition to foundational concepts in science, relignering and technology, usidity are presented in the discovery of the implexed of a science approaches availy because a science approaches approaches approaches and the complexed paramy in the discovery of the impact of science approaches and because and advoices involved paramy in the discovery of the impact of science approaches and the science approaches approaches and the science approaches and the scienc	Hancock,Stone,Ja ckson,Pearl River,Harrison,Ge orge	Yes N	o No	No	No	Yes I	10	No		\$ 150,000.00 \$ -	
Research and Education	3213	11/14/2014 University and College Volunteers for Restoration Projects	Community Collaborations international will deploy team of unkership and college valuateen from acoust the country to participate in a week of arrow de events to gring a Boost of syntheth emergin community background organizations support address, familia, and the environment on the fault Casat. Community background on the synthese methods are also also also also also also also also	/ Harrison	Yes Y	s No	Yes	Yes	Yes Y	'es	Yes		\$ 410,000.00 \$ 360,000.0	20
Research and Education	3214	11/14/2014 St. Louis Bay and Tributaries, MS Comprehensive Restoration Program: Phase	The Department inform of upil cased direct and spinitoria tharm to Missispide 75%. Louis By and the Missispide Sound. 31: Louis By and its tributines of the Missispide Sound. 31: Louis By and its tributines of the Missispide Sound. 31: Louis By and its tributines of the Missispide Sound. 31: Louis By and its tributines of the Missispide Sound. 31: Louis By and its tributines of the Missispide Sound. 31: Louis By and its tributines of the Missispide Sound. 31: Louis By and its tributines of the Missispide Sound. 31: Louis By and its tributines of the Missispide Sound. 31: Louis By and its tributines of the Missispide Sound. 31: Louis By and its tributines of the Missispide Sound. 31: Louis By and its tributines of the Missispide Sound. 31: Louis By and its tributines of the Missispide Sound. 31: Louis By and its tributines of the Missispide Sound. 31: Louis By and its tributines of the Missispide Sound. 31: Louis By and the Missispide Sound.	Hanock,Stone,Pe earl River,Forrest,Har Rison	Yes Y	s No	Ves	No	Ves 1	les	20 Ves		\$ 14,968,000.00 \$ -	
Reserve and Education	3216	11/14/2014 Long-term restoration, recovery, and monitoring of marine manimals and sea luction in the Massalppi Sound	MSU seek implement and managements program in partnership with <i>SU</i> , INIC <i>and PH</i> ¹ . This approach murrus the application of closece-based decision-making, strong community engagement and Long term restrotation (proceed-based decision-making, strong community engagement and Long term restrotation (proceed-based decision-making, strong community engagement and Long term restrotation and structure). In Multisation (SMI) (MSL and SMI) (SMI) and SMI (SMI) (S	Harrison	Yes N	2 NO	No	No	Yes I	lo	No		\$ 16.520.879.00 \$ -	
Research and Education	3220	11/14/2014 Development of a Gulf of Mexico-wide marsh bird conservation cooperative	Table of mourse management and implicatory agencies lucked systematic species appeller, distribution or hundration data which could be used to enables the best of the Dompetetre Henricos OU (Self). What has been usered as the metage plant of the basical plant descences may plant by excession and the basish of cell can table area between the formal between the second term descences. The spectre formation of the basish of cell can table area between the second term descences and the second term descences and the second term descences. These terms bed and the second term descences area than the second term descence the cell of the second term descence and terms and the second term descences and the second term descences the def and the second term descences. Thus, the fundamental goal of this project is to Kammatinize the usefulness of mannitoring data to inform and facilitate conservation and restoration efforts along the Guil of Mexico.	Tammany, Mobile	Yes N	o No	Yes	No	Yes	lo	No		\$ 12,500,000.00 \$ 50,000.0	00
Research and Education	3221	11/14/002 Application of Chemical, Senson, and Marchael Measurement/Approximate to Determine the Restoration of Marine Fisheries and Environmental Quality in Ministrapic Gulf Coast: after the BP OI Spill and Dispersants	The purpose of this properal is to distrimute the effects of all pall and/or dispersation in the quality (demut, sumory characteristics, and microbial) of programs three parts (demut, sumory characteristics) and include of programs three parts (demut, sumory characteristics) and is controlled and programs three parts (demut, sumory characteristics) and is controlled and programs and and and different reasons that have been exposed to all and different reasons that have been exposed to all and different reasons that have to be expected from the plant different reasons that have been exposed to all and different reasons that have been exposed to all and different reasons that have been exposed to all and different reasons that have been exposed to all and different reasons that have been exposed to all and different reasons that have been exposed to all and different reasons that have been exposed to all and different reasons that have been exposed to all and different reasons that have been exposed to all and different reasons that have been exposed to all and different reasons that have been exposed to all and different reasons that have been exposed to all and the different status that have been exposed to all and the distance in the direct interval status will be determined. The beat exposed would allow us to allowed allow allow to allowed to allo		Yes Y	s No	No	No	Yes I	40	No		\$ 3,500,000.00 \$.	
Research and Education	3222	11/15/2014 Gulf-wide Bird Monitoring Program	Intermediated accessors and their families in Makauland. In the second and metalable entrancing a family intervention of the second accessors and metalable entrances the second accessors and metalable entrances and the second intervention of intervention and the second intervention of the	Hancock,St Tammany,Mobik ,Jackson,Harrison ,George	Yes N	o No	Yes	No	Yes	'es	No		\$ 21,400,000.00 \$ 50,000.0	20

	search and ucation	3223	11/15/2014	Understanding the Economic Linkages Between Coastal Restoration and Community Recovery from Damages	Background The Motiogian State University Center for Urban Round Interface Studies (CURIS), holds a mission to provide a cleaninghouse of information regarding community succio-economic profiles, changes in land une, community realiency, economic and disaster prepareduceds, and economic impacts of natural and technological disasters. Founded in 2005 just prior to Nurricane Katrina, CURIS was funded	Hancock,Jackson Pearl River,Forrest,Per	, Yes	Yes	Yes	Yes	Yes	No	Yes	Ye	r.	\$ 46	7,187.00 \$			
				Community Recovery from Damages Associated with the Deepwater Horizon Oil Spill	by the U.S. Department of Commerce through a project titled acceMitgating Coastal Development impacts in Rural Communities in the Northern Gulf of Mexica Region: Establishing the Center for Excellence in Coastal Resource Management dEl	y,George,Stone,S t Tammany,Mobil	r E													I
					The Deepwater Horizon oil spill disrupted the GuifAid ^{mas} economy, damaged fisheries and critical habitats. In order to understand the magnitude of the Economic Impacts of Deepwater Horizon Oil Spil to the different economic sectors affected, multi-year baseline economic information about each sector was compiled from various secondary sources.	Washington														I
					Response to disaster fails for a number of reasons including lack of communication between adjacent communities, community officials, state, local and federal officials, relief organizations, and the public. Additionally, prior planning was inadequate. Research that helps communities integrate and strengthen responses will result in better preparation for host predicted and unforesen disaster and provide necessary hort term responses for those vents. In addition to continuity the regional work of the Centragent host programming by developing a toto to additional communities in planning for and responsing to disaster, regardless of origin. The strategy will be called COAST Growth (Coordinated Spanizationa Assessmer) Strategy Centragendes and the strategy of Coaster reported to Internet but internet but the strategy will be called COAST Growth (Coordinated Spanizationa Assessmer) processes of use a Systems Andrés proposation processes or the Mussippe Grout Carterspondes to human for the strategy will be processed to the Mussippe Grout Carterspondes to human processes of the strategy of Coaster respondes to human processes of the strategy of Coaster respondes to human processes of the strategy of Coaster respondes to human processes of the strategy of Coaster respondes to the respondence to the strategy of Coaster respondes to the respondence to the strategy of Coaster respondes to the respondence to the strategy of Coaster respondes to the respondence to the strategy of Coaster respondes to the respondence to the strategy of Coaster respondes to the respondence to the strategy of Coaster respondence to the strategy of Coaster respondes to the respondence to the strategy of Coaster respondence to the strateg															
					to be a system subpra approximation out non-twee in the ingenerating to examine now communities on in the massappi out coast replaneet to munited and a similar. Common processe on redundancies would be determined, and ways to integrate and strengthene processes would be develop. This data could then be used to develop a coordinated approach for other dosely associated communities to use for disaster response. This could be used as a community planning, training and response tool.															I
					8 Results from this initiative will reduce money spent by state and local governments for infrastructure related to closely associated communities by targeting commonalities that can be explosed and differences that require closer attention. It also has the potential to mitigate damages from future disasters, regardless of origin, by providing information to add in all levels of programediess and reprome.															
					Project Proporal This proporal will involve the following components &f." Research on the long term economic impacts of the of spill to coastal counties															I
					-Besearch on economic recovery of the coastal counties -Besearch on linkages between coastal restoration and economic recovery															I
Res	search and	3224	11/15/2014	Development of MSLandPlan, a Forest	-Bommunity outreach involving the economic implications of coastal restoration projects INTRODUCTION	Harrison	Yes	No	Yes	No	No	Yes	Yes	Ye	25	\$ 59	1,000.00 \$			1
Edu	ucation			Landowner Outreach and Engagement Effor to Conserve and Protect Private Lands and Waters in Mississippi's Lower 6 Counties	The lower 6 counties in Missispip contain 1.7 million acres of forestland, and forestland is the major land use of this region. The major watersheds in this region include the Pari River in the west, the Pacagoula River in the east, and a series of constal rivers and streams in between. This region supports a number threatened and endangered species in both aquatic and terrestrial environment including the gopher tortoxe and the Guf Sturgeon.	i.														
					Most of the forestand in this region is owned by individuals or families, with the vast majority of landowners sowing less than 500 acres. There are, on average, about 1,500 unique forest landowners per county that own 10 or more areas of forestand. The National Woodand Owners Survey revealed, again, that most private landowners have multiple objectives for their forestands. Foresta as a lagespr for future greations, enginement for server, and land as an investment were the top three objectives of Mississipul landowners. Landowners with larger areages had a much greater interest in timber income than those with smaller acreages.															l
					Private landowners are essentially small businesses, but only 10% of landowners have a written management plan that helps them identify and meet their objectives. Forest management plans also recommend strategies that protect soft water, and other valuable resources. Managing forestand without a written plan is like taking a trip without a road map.															
					This proposed effort will develop Mikandrika, arobus to user friendly management plan software template available for use no both computers and nobles develops. We will educate tendences are the importance of a good management plans will be planning and evelops a plan from Significantly instraining the number of indexnows with written management plans will be planning process is the use of Best Management Pactices (BMP) which focus on reducing soil restion and administration.	st														
					The Mississipal State University Extension Service and the MSU Department of Forestry will lead this effect. but will involve other partners involved in avater quality and lead management in the development of MSLandMain software. The partners include, but are not limited to, the Mississipa Forestry Commission and the Mississipal Department of Environmental Quality.															
Ret	search and ucation	3225	6/1/2015	Development of the MississippiSound environmental education program at the Mississippi State University Crosby Arboretum, through the MSU-ES, to foster coastal community resilience	1. NTROUCTION This proposal seets to establish and implement a training program for the Gulf Coast region, called MississippGound, through the Mississipp State University Extension Service (MSU-ES), with the mission of providing training, information, and resources for the general public to Coast revisionmentally informally landscape practices. The comumer and community coattrach program will encourage Gulf Coast stabilished by the United State University of the Coast revision property stormatter rule of mole Anale State Bulle Into and and providents and grandwatter and Coast stabilished by the Coast Bulle Into and grand and grandmatter and grandwatter and and schafts grandmatter of and providents and grandwatter.	Pearl River	Yes	No	No	No	No	Yes	No	No	D	\$ 59	0,200.00 \$	-		ĺ
					The Missingle State University Extension Service has an established delivery method for extending browledge to the public, and a proven track rector for method multiply and the state of the provided research based information, educational program, and technology transfer focused on issues and needs of the people of Missingpi, enabling them to make Informed focusions doubt their excension, scool, and cultural well-being. Extension's overall purpose is to provide decatation that used method multiply enabling them to make Informed focusions estating to their excentions, their families, and heir environment. The Extension Service believes that quality of Illie is affected by the respect installowing between people and their environment and therefore, environmental issue and or great importance.	5														
					The Croby Arboretum, located within the Gulf Coast region, is the premier environmental education center in the state of Musissippi, dedicated to educating the public about their environment. The IUB-are interpretive site is owned by Musissippi starts University and operated by the MSU Extension Service. The Arboretum/R** mission is to preserve, protect and elipsip plants native to the Paral New Prinning Basis incorpstem, amplication Musissippi waterbulk for Bulls provides many mission is to preserve, protectional program, as well as programs which provide education about the region's biological diversity. The Arboretum also maintain XX0 acres of di-site natural areas in the Gulf Coast region, preserved for scientific study, Many rate, Interated, and endangered species of plants and well-like are found within Moretum preserves.															
					The mission of the Crosby Absoretum supports the directives of MSU and the Extension Service. The MSU Extension Service provides research-based information, educational programs, and technology transfer focused on bases and needs of the people of Missipapi, nethings them to make informed decisions about their economics, social, and cultural well-being. Agriculture and natural resources, family and commer decisions, netterprises and community resource development, and 44 Hyouth development are Extensiode? The complex programs and Center has file Agricultural and Forestry Experiment Station units in south Missipapi. Research and Extension priorities include horticulture, beef cattle production, seafood adiety, natural resource economics, and coattle decology.															
					The date of all canada fines (corregion) the second barrier in the strategy of the plant, requester the 42 million are fast Gall Canada Film Ecoregion (SGCE). This ecoregion is one of the most belogically diverse torrestrial landscap mattern forward in North America, and many of the plant, register, amplihains and those scure only within this region (SGCE). This ecoregion is one of the most belogically diverse torrestrial landscap within the fourth of the history at last 32 million are endanged plants, and the second only within the foreign within these foreign. The subscription of the strate of endanged endange and within the effect on the America Fanada Intel, including the gapter tortories, and the	c														l
	search and ucation	3226	11/15/2014	Autonomous boat for routine monitoring of water quality (nutrients, trace metals, microbial communities and physical measurements) in Mississippi Sound	The goal of ecological restoration is to provide a productive and unitabile ecologisment that results in the increase in biodiversity and unitability restoration is to provide a productive and unitability of unitability restoration. Neveryes, such evaluations are generally defined as the mean ability of these assertions in definition and increase restoration for the second seco	Hancock,Jackson Harrison	, Yes	No	No	No	Yes	Yes	Yes	20 Ye	8	\$ 53	0,000.00 \$		Proposed Rese	arch Dev
					Water quality indexes have been based on measurements of DN, DP, chlorophyl a, water clarky, and disolved oxygen; however, because no DP sensor are qualide such measurements are made on dicrete samples and the availability of ending popels to sak. A strat there are limited integrated based on the sample of the sample and the sample of t															
					In a segarate propose we presented the leds of using continuous fluid samplers in head [fullerian] location to monitor water quality using a system that cognically designed to preserve fluids for unretient, takes makes, and microbial community structure. This provides the utilizante record at the patient beyond to preserve fluids or unretient, takes makes, and microbial community structure. This provides the utilizante record at the patient. However, the patient beyond to preserve fluids and designed a distribution) and the need for larger volume amples for additional meanments. To meet this need this see the designed for the semiciant distribution) and the need for larger volume amples for additional meanments. To meet this need the develop an attrobution surface both that is instrumented with hypolical and chinal distortions and capited or classing to get 4.82 (MD) amples that are begreased automously in the fluid. Such automation exists for science-based surface craft missions (e.g., Mahacek et al., 2009; Kits and Mas, 2009) and i well suited for operation within the shallow, but buy waters of Missioppi Samat.	e														
					The benefits of an autonomous bast are many. The bast can be [1] junched and programed by one person, who can monitor the basis locally with others monitoring results using a web interface from their offices scattered about the state, [2] limits lability by taking the human out of the element while allowing the human to monitor obstacle avoidance sensors and other tracking and sensor systems.															
					We have designed and fabricated a new low-cost autonomous surface vesail (ASV) that is capable of autonomous narigation, implemented via a sea-based computer that wrelessly receiver. ASV data and relays (infer commands that are monitored by humans. Humans can intervene to adjust operational parameters Specifically, we will use a Noical Society-conversibility with a cruiting speed of 20 Junts. This lays will include narigino communication, obstacle and workshows the discrite strong, and antiging systems. The close paragetors are line about the system of the society of the series of th	Ŧ														

Education Ba So Ba	y S. Louis and the Hot-Sport of Pollutant urces in the 5ub-wateneods refering into y S. Louis under Offerent Climate enarios	The overarring expective of the project is to develop a user foot-and products to identify and locate sources, transport pathways, and face of pollutant sources and another and pollutant sources and the project and the project of the project of the source and pollutant sources. The source pathways and the pollutant sources are applied to the pollutant sources and pollutant sources and pollutant sources and pollutant sources. The project of the source pathways are applied to the pollutant sources and pollutant sources are applied to the pollutant source and pollutant sources and pollutant source and pollutant sources and pollutant			s 10	15	NO 1	es 10	15	S 900,		
Education Sp us	Time-Serie Andreis de Hondon et Pont enes Aney, the National Series and Series and Series ing Umanance Aerial System, Perspectral Sensers and Stellite Remote maing Technologies	namely approximate and experiments and approximate the protect the second of anny indigenous species. The first carl for generation of the species and approximate species and approximate the protect indigenous species. The first carl for species of the species and approximate species and approximate species. After mapping, a charge detection and you would further help in deliverse and approximate species and approximate species. The first carl for the species of the protection of the species of t		Yes Ye	s No	Yes	No Y	les No	Yes	5 900,	20.00 5 -	
Education Sy	Sormware Bacterial Decision Support true (BDSS) for Availing State and Local are Managers in Melmiting Beach ourses	The northern call of Mexico waters are affected by water policitor, leading to undersize la increase in disease causing baterini (public). Exterini a constraints of under waters are an increasing occurrent for trade and local water increasing local methods and policy of the system infections in process down and the policy of a spacing cognitive in the northern Call of Mexico waters are an increasing occurrent for the model of a spacing cognitive in the northern Call of Mexico waters are an increasing occurrent for the model of a spacing cognitive in the northern Call of Mexico waters are an increasing occurrent for the system in the operation Call of Mexico Water, Mexico Mexico Valor, Valor, Mexico Valor, Valor, Mexico Valor, Valor, Mexico Valor, Mexico Valor, Mexico Valor, Mexico Valor, V		Yes Ye	NO	Yes	No Y	No No	Yes	S 900,	\$	
Education Ev	verboying Social Indicators to Gouda and antiatic Gastral Recording and Protection ojects and Activities	The status and status and status and former University initiative. A Coordinated, Multi state Approach to Integrated Engagement, Research, Technology Trander, Education and Outerach. Dipletives of this project are: Informationally Status Development and a status and an experiment of the state of the project are: Informationally Status Development and educational program requires an understanding of the underlying beliefs and values of various target audiences. Every individual, every community, and every outer has a stot feeling and values the guide decision management, Research, Technology Trander, Education and Outerach. Dipletives of the local and regional scales to serve as a brief effective engagement. The store the guide decision memory is and every outer has a stot feeling and values of services the guide decision and the store of store and values of various target audiences. Every individual, every community, and every outer has a store field the store of the store	Hancock,	Yes No	o Yes	Yes	Yes Y	res No	Yes	5 3,200,	20.00 5 -	

				-												
Research and Education	3231	11/16/2014	Extension Initiative: Disseminating RESTORE		Hancock, Harrison, Jackson	Yes	Yes	Yes	Yes Ye	es Yes	Yes	Yes			\$ -	
			Council-facilitated Coastal Restoration and Protection Projects, Activities, Outputs and	1.Establishing a structure and processes for regional collaboration among Gulf of Mexico land grant universities and their coastal Extension programs to foster a consistent Gulf-wide approach that leverages Extension activities and capabilities to support the engagement, technology transfer, education, outreach and extension priorities of the RESTORE CouncilàC ^w s Comprehensive Plan.												
			Outcomes through Annual State-wide	reversion activities and capitalises to support or engineering to the support of												
			Conferences, Gulf-wide Summits and Extension	Land Grant Universities. Land Grant Universities (LGUs) are uniquely positioned to assist each coastal state in a variety of ways 3t" from conducting research ranging from basic discovery to on-the-												
				ground applications of the science of soil conservation, water quality, habitat and ecosystem dynamics, human behavior, and other applications. LGUs in each coastal state have a wide range and depth of expertise in these areas, and are a highly trusted source of objective research-based information. Researchers, Extension specialists and educators put the science into practice by engaging												
				and educating agricultural and business interests, local governments, and urban and urbanizing communities; conducting applied research; and understanding economic drivers that lead to decision												
				making. In addition, faculty in LGUs regularly collaborate on multi-state research and extension education projects.												
				Extension Service. The Smith-Lever Act of 1914 established the Cooperative Extension System, a publicly funded, informal educational system that links the U.S. Department of Agriculture, the land												
				grant university system, and individual counties. Extension, as the off-campus educational arm of land grant universities, has a large footprint in each state with offices in all or most counties and trained staff to provide community education and outreach in multiple disciplines. Extension's overall purpose is education. Its unique interdisciplinary perspective enables the organization to make a												
				real difference through the provision of research-based information, educational programs, and technology transfer focused on issues and needs of the citizenry of each state. Extension also hosts												
				customer-friendly websites loaded with information sheets, publications, reports and other outreach materials designed for its stakeholders. Extension is organized regionally; however, the Extension structure on the Gulf coast is separated into two regions.												
				Objective 1. Establishing processes for regional collaboration among Gulf of Mexico land grant universities and Extension programs. Objective 1 is a foundational component that establishes												
				processes, through existing land grant university infrastructure, that leverages participating coastal Extension and other programs to provide a consistent, coordinated, multi-state approach that delivers effective engagement, research, technology transfer, education, outgrant and extension to support implementation of the RESTORE CouncilàCY's Comprehensive Plan. It is envisioned that the												
				successful implementation of this objective will foster 1) the development of integrated, multi-state, Gulf-wide restoration and protection projects and activities that leverage the significant resources												
				and capacity of coastal land grant universities and Extension, and 2) serve as the platform upon which to implement Objective 2 of this proposal (below).												
				Objective 2. Disseminating RESTORE Council-facilitated coastal restoration and protection projects, activities, outputs, and outcomes though annual state-wide conferences, Gulf-wide summits, and Extension												
Research and	3232	11/16/2014	Coastal Land Grant University Initiative:	Land Grant Universities. Land Grant Universities (LGUs) are uniquely positioned to assist each coastal state in a variety of ways & "from conducting research ranging from basic discovery to on-the-	Hancock,	Yes	No	No	No N	o Yes	No	Yes		450,000.00	\$ -	
Education			Coastal Storm Water and Waste Water Workshops and On-line Management	ground applications of the science of soil conservation, water quality, habitat and ecosystem dynamics, human behavior, and other applications. LGUs in each coastal state have a wide range and death of expertise in these areas, and are a highly trusted source of objective research-based information. Researchers. Extension speciallists and educators put the science into practice by engaging	Harrison, Jackson, Pearl											
			Toolbox to Advance Effective Storm Water	and educating agricultural and business interests, local governments, and urban and urbanizing communities; conducting applied research; and understanding economic drivers that lead to decision	River, Stone,											
			and Waste Water Management along the Gulf Coast and Reduce Nutrient, Pathogen	making. In addition, faculty in LGUs regularly collaborate on multi-state research and extension education projects.	George											
			and Sediment Loadings	Coastal Storm Water and Waste Water Workshops and On-line Management Toolbox to Advance Effective Storm Water and Waste Water Management along the Gulf Coast and Reduce Nutrient,												
				Pathogen and Sediment Loadings to the Gulf. Pollution caused by storm water continues to be a problem in urban coastal watersheds evidenced by the constant reoccurrence of beach closures and/or advisories due to high pathogen levels after heavy rain events and in agricultural coastal watersheds evidenced by the existence of nutrient, pathogen and sediment impairments. Expanding												
				economic development along the coast is also challenging the capacities of state and local storm water programs and resources. This project is designed for Extension, Mississippi State University4C ^{ws} (MSU) Coastal REACH Program, and the Mississippi Water Resources Research Institute (MWRRI) to work with state and local agencies/entities administering coastal storm water programs to increase												
				their engagement, technology transfer, education and outreach capacity and effectiveness through targeted workshops that focus on effective storm water management practices as well as the												
				benefits of various storm water ordinance options available to local communities.											1	
				In coastal watersheds, numerous TMDLs have been developed for impaired waters that identify specific nutrient and pathogen load reductions from both point and nonpoint sources needed for the												
				receiving streams to meet their designated uses. States are also being encouraged by EPA to make progress on the development of numeric nutrient criteria. Waste water treatment in coastal watersheds uses a variety of treatment systems &C'' from large facilities to cluster systems to individual treatment systems. The reduction of nutrient and pathogen levels in effluent from these												
				systems can be costly at every level. This project is designed for Extension, MSU3("s Coastal REACH Program, and MWRRI to first evaluate the preponderance of system type geographically and status of water quality in coastal watersheds; identify the range, effectiveness, and costs of appropriate treatment options available to reduce nutrient and pathogen loadings in targeted watersheds;												
				through workshops provide utility officials, operators, consultants, and contractors the knowledge to make decisions that maximize environmental and economic benefits; and establish a network for												
				the sharing of information among coastal wastewater interests. This project will require coordination with state environmental agencies and waste water treatment interests.												
				A component of this project includes the development and maintenance of a web-based Coastal Storm Water and Waste Water Management Toolbox as an extension of the workshops. Initial implementation of this project would focus on coastal Mississippi. The project would then be expanded to the other states through the Coastal Land Grant University initiative and funding proposals												
				implementation of this project would hous on coastal wississippi. The project would then be expanded to the other states through the Loastal Land Grant University initiative and funding proposals for the expandion submitted to each participating state.												
				This project concept was created to offer significant advantages to the RESTORE Council to assist in implementation of its Comprehensive Plan. This concept:												
Research and Education	3236	11/17/2014	Community-based Environmental Planning and Design Assistance for Living Shorelines	Community-based Environmental Planning and Design Assistance for Living Shorelines and Tidal Marsh Restoration.	Hancock, Harrison, Jackson	Yes	No	No	Yes N	o Yes	Yes	Yes		200,000.00	\$ -	
Concession			and Tidal Marsh Restoration.		114112011, 24042011											
				The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippi Gulf Coast in 2005 to work in communities impacted by Hurricane Katrina and has evolved from disaster recovery work to addressing long-term issues of affordable housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service program of Mississippi												
				State University College of Architecture, Art and Design. Located five hours from the main campus the GCCDS operates with a full-time staff of architects, landscape architects and planners and always												
				works in close collaboration with multiple non-profit, municipal and professional partners. The work of the GCCDS includes: 1) community-based housing design, 2) storm water and tidal ecology, 3) flood resilient buildings and landscape, and 4) public-driven decision making. The GCCDS operates with around \$600,000 annual grant and contract income with national funding partners including												
				HUD, Department of Energy, Small Business Administration, the National Endowment for the Arts, and the Department of Homeland Security, along with many local and regional partners. For the past three verse the desins studie has been working in a partners with other Guid Crass thanking assences with the support of HUDGY*S studiable Communities initiative to produce Plan For												
				Opportunity, a regional plan for a more resilient and sustainable Gulf Coast. Recently, the GCCDS was part of one of ten national design teams selected by HUD to participate in Rebuild By Design, in												
				which teams worked with communities in the North East impacted by Super Storm Sandy to design more resilient future cities.												
				The Gulf Coast Community Design Studio is well experienced in community-based restoration projects. Since 2010 the Gulf Coast Community Design Studio has been working in partnership with several other organizations to restore Bayou Auguste, an inner-city bayou that connects East Biloxi to the Back Bay. The GCCDS is the lead organization and brought together five partners to work												
				together on the restoration project: The Land Trust for the Mississippi Coastal Plain, The City of Biloxi, Biloxi Public Schools, the Biloxi Housing Authority, and a local environmental science firm called												
				Cypress Environmental. For the past year the Guif Coast Community Design Studio has been doing a Watershed Implementation Plan for Rotten Bayou in Hancock and Harrison County. The planning activities include extensive community engagement and professional workshops as well as designing and installing best practices. The plan is funded by the Mississippi Department of Environmental												
				Quality to the Land Trust for the Mississippi Coastal Plain. In addition to Bayou Auguste and Rotten Bayou, the GCCDS is designing a wetland nature park in Moss Point, is working with The Nature Conservancy on a living shoreline and ovster break-water in Biloxi, and with funding from the Surdna Foundation is doing community-based storm-water planning in Biloxi and Guifbort.												
				consistency on a mining anonomic and system or development of block and built on uning rom one sorting community based sconning for high and guiltport.											1	
		1		As a program of Mississippi State University, GCCDS works through the Office of Sponsored Programs, is experienced at grant funded work and has the ability to adapt to the needs of the project. In											1	
		1		the years immediately following Hurricane Katrina, when HUD funds were administered through Mississippi Development Authority, MDA recognized the benefit of having the Gulf Coast Community Design Studio on contract to be able to provide professional services as needed to many of the home building organizations. GCCDS assisted five non-profit building organizations and provided house											1	
				designs for over 300 house projects. By having an independent contract for professional services GCCDS was able to establish a high standard of quality and sustain effective homeowner involvement												
		1	1	from the first house to the last. At the same time because of the efficiency of working on multiple projects GCCDS was able to manage the work to meet the tight budgets and demanding schedules. Job Training for Living Shorelines and Tidal Marsh Restoration.	Hancock,	Yes	No	No	No Y	es Yes	Yes	Yes	:	90,000.00	\$ - Curricu	ulum development
Research and	3237	11/17/2014	Job Training for Living Shorelines and Tidal	Job Training for Living shorelines and Tidal Marsh Restoration.											1	
Research and Education	3237	11/17/2014	Job Training for Living Shorelines and Tidal Marsh Restoration.	100 Fraining for Living Shorelines and Hoal Marsh Mesoroadon.	Harrison, Jackson											
	3237	11/17/2014		A benefit of the RESTORE funds will be creating a stronger demand for skilled workers to install living shorelines and do work to restore tidal manches. The skills for such green jobs combine	Harrison, Jackson											
	3237	11/17/2014		A benefit of the RESTORE funds will be creating a stronger demand for skilled workers to install living shorelines and do work to restore tidal masches. The skills for such green jobs combine construction and landscaping skills along with a sufficient homoledge of tidal ecology to be able to understand the end goals of a restoration project. The uskills for such green jobs combine requires goal with shifts to be safe and productive. What is more, who projects are interesting to the goals of a restoration project. The uskills for such green jobs combine requires goal with this to be safe and productive. What is more, who projects are interesting to the general public and have the potential concurage people to take better are of the	Harrison, Jackson											
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	Research and Education	3239	11/17/2014	Inner-City Tidal Stream Restoration	Inner-City Tidal Stream Restoration	Hancock, Harrison, Jackson	Yes Yes	No	Yes No	Yes	Yes	Ye		\$ 90,000.00 \$		
					Scope											
					Much of the tidal habitat alone the Mississioni Gulf Coast is distributed in small waterways that flow through inner-city neishborhoods. A healthy inner-city tidal stream has four critical functions:											
					Much of the tidal habitat along the Mississippi Gulf Coast is distributed in small waterways that flow through inner-dty neighborhoods. A healthy inner-dty tidal stream has bour critical functions: nursery habitat for marine life; flood-way for tidal storms; discharge and treatment for storm water; and convenient public access to natural environments. Unfortunately, most of the inner-city tidal											
					streams are seriously impaired, have been modified and degraded over time and are not providing the ecological services that these four functions support. Many of them have been reduced to the											
					drainage channels, thus only functioning to discharge storm water at a often not doing that well. Restoring inner-city tidal streams to provide all four of the critical functions not only creates											
					important tidal marsh habitat, it improves storm water management and flood mitigation, and if done with good community involvement, it increases environmental stewardship. Successful inner- city restoration projects show that bringing nature into neighborhoods helps people see the value of protecting natural environments not only close to home but in larger, wilder places away from our											
					city is solution projects show that dringing nature into negroundous neps people see the value of protecting natural environments not only close to nome out in larger, while praces away nom our cities.											
					Partnership											
					The proposal is submitted by the Gulf Coast Community Design Studio.											
					The proposal is submitted by the sum coast community beings studio.											
					The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippi Gulf Coast in 2005 to work in communities impacted by Hurricane Katrina and has evolved from disaster recovery											
					work to addressing long-term issues of affordable housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service program of Mississippi State University College of Architecture, Art and Design. Located five hours from the main campus the GCCDS operates with a full-time staff of architects, landscape architects and planners and always											
					state online sty Conge of Admeticity, and and begin. Exclusion the main camping the GCDS includes 11 community-based housing design, 21 storm water and tidal ecology, 31 works in close collaboration with multiple non-profit, municipal and professional partners. The work of the GCDS includes 11 community-based housing design, 21 storm water and tidal ecology, 31											
					flood resilient buildings and landscape, and 4) public-driven decision making. The GCCDS operates with around \$600,000 annual grant and contract income with national funding partners including											
					HUD, Department of Energy, Small Business Administration, the National Endowment for the Arts, and the Department of Homeland Security, along with many local and regional partners. For the past three verse the desins studie has been working in a partners with other Guid Crass thanking assencies with the support of HUDGY*S subtainable Communities initiative to produce Plan For											
					Intre years the design studio has been working in partnership with other Guir Coast planning agencies with the support of HUDAC*'s Justanasie Communities initiative to produce Plan For Opportunity, a regional plan for a more resilient and sustainable Guil Coast. Recently, the GCCDS was part of one of ten national design teams selected by HUD to participate in Rebuild By Design, in											
					which teams worked with communities in the North East impacted by Super Storm Sandy to design more resilient future cities.											
⊢	Research and	3240	11/14/2014	Women in Construction Program	Since 2010 the Guif Coast Community Design Studio has been working in partnership with several other organizations to restore Bayou Auguste, an inner-city bayou that connects East Billowi to the Organizational Overview: Moore Community House (MCH) was founded in 1924 to serve the children of migrant workers in the seasonal fishing industry. Today MCH responds to the needs of low-	Mobile.Jackson.G	Yes No	Ne	No	Yes.	No	Va		\$ 1,500,000,00 \$	250.000.00	
	Education	3240	14/14/2014		income women and young children in east Biloxi through two programs that research shows make the most strategic and positive difference in moving a low-income family closer to self-sufficiency:	eorge,Hancock,St						16		- 1,000,000.00 3		
r l					quality affordable early childhood education and job training that leads to higher paying employment. Through the Women in Construction Program (WinC), MCH creates a pathway for low-income	one,St										
					women to higher paying jobs in the construction industry.	Tammany,Pearl										
					Women make up nearly half of the workforce in Mississippi (MS) but women earn less than men at every income and education level, and in every profession. Women are clustered in low paying jobs,	niver,Harrison										
1		l	1		making up 80% of minimum wage workers. MS has the highest rate of single-mother headed families, mothers who bear financial responsibility for children. Minimum wage leaves a family of 2 (mom										1	
					and child) below the federal poverty level. Construction jobs are the only ones in MS where women earn the same wages as men, and these jobs pay an hourly wage identified by the MS Economic											
					Policy Center as a self sufficiency wage. Thus, WinC offers a pathway for women to family economic security.											
					The mission of WinC is to create a climate across the Gulf Coast enabling women to pursue careers which will allow them to earn wages to promote self sufficiency within the construction field.											
					Besides helping provide well-paying jobs to the region's low-income women, it helps meet industry demands for a trained workforce. While the construction trades offer careers that provide self-											
					sufficiency wages and good benefits, WinC is the only job-training program in the region that is tailored to prepare women for this work. At this point and time it is critical to maintain momentum by expanding programming, reaching more women, and strengthen the community towards economic and ecological recovery.											
					expanding programming, reaching more women, and strengther the community towards economic and ecological recovery.											
					Since inception of the program, WinC has graduated 22 classes totaling 220 plus women in the fields of general construction, welding, green job training, and disaster relief and recovery. Of the 220											
					plus women who have graduated the program, 75% of these individuals have gained employment. Graduates have gained living wage jobs in apprenticeship and nontraditional occupations in trades such as, welding, shiplitting, habitat restoration, and construction management, earning from \$14 to \$28 an hour. WinC is feminizing the face of construction on the Gulf Coast one well-trained											
					such as, weiting, singhtting, natistar restoration, and construction management, earning from 3.44 to 5.26 an nour. Wink is terminizing the face or construction on the Guir Loast one weil-trained woman at a time. Qualitative data is used to assess impact that improves socioeconomic weilbeing. Participants have made cross cultural barke relationships, pained EDEs, howsing,											
					more that a more contractive contraction and the strict of the important and the strict of t											
1 1																
					Proposed action: Moore Community House seeks RESTORE funds of \$1,500,000 for Women in Construction Program to recruit, train, and place women into jobs created by RESTORE projects; and to improve the outreach, training, employment, and retention of women in nontraditional occupations; as well as train low-income women in construction trades and in skills required by current and											
					Improve the outreach, training, employment, and retention of women in nontraditional occupations; as well as train low-income women in construction trades and in skills required by current and uncomine industries. By using innovative techniques, this program will exose women to nontraditional career pathways that meets the demands of future ecosystem restoration projects along the											
					improve the oursexit, training, employment, and retention of women in nontraticional occupations; is well as train low-income women in construction traces and in suits required by current and upcoming industries. By using innovative techniques, this program will expose women to nontradictional career pathways that meets the demands of future ecosystem restoration projects along the Guif Coast through upcoming RESTORE opportunities.											
					upcoming industries. By using innovative techniques, this program will expose women to nontraditional career pathways that meets the demands of future ecosystem restoration projects along the Guif Coast through upcoming RESTORE opportunities.											
	Research and	3241	11/17/2014	College of Business building, USM Gulf Park	upcoming industries. By using innovative techniques, this program will expose women to nontraditional career pathways that meets the demands of future ecosystem restoration projects along the Guif Coast through upcoming RESTOR opportunities. The goal of the proposed program is to be avenue into employment focusing on skills such as living shoreline, march creation and environmental recreation construction while increasing capacity	Harrison	Yes Yes	Yes	Yes Ye	No	Yes	86 Ye	5	\$ 35,000,000.00 \$		
	Research and Education	3241	11/17/2014	College of Business building, USM Gulf Park and the Center for Coastal Analytics (CCA)	upcoming industries. By using innovative techniques, this program will expose women to nontraditional career pathways that meets the demands of future ecosystem restoration projects along the Guid Cast through upcoming RESTOR corporation. The goal of the proposed program is to be accounted in the career for casafa analysis. (CCA) Bird Tints: College of Business building. USM Guid Pink and the Career for Casafa Analysis. (CCA) Bird Tonts: College of Business building. USM Guid Pink and the Career for Casafa Analysis. (CCA) Bird Tonts: College of Business building. USM Guid Pink and the Career for Casafa Analysis. (CCA) Bird of Contst, main and Prince F: Co. Elastica Halon, Elastica Business and Pinka Business Busin	Harrison	Yes Yes	Yes	Yes Ye	No	Yes	86 Ye		\$ 35,000,000.00 \$		
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		3241	11/17/2014		upcoming instantines, by using innovative techniques, this regroups an will expose women to nontraditional career pathways that meets the demands of future ecosystem restoration projects along the diff close strong upcoming ISSDIR opportunities. The grain of the properties from the phone to be approximate in the phone in the strong and the phone in the character of the phone in the Character of the phone in the phone is phone in the phone is phone in the phone is phone in the pho	Harrison	Yes Yes	Yes	Yes Ye	No	Yes	86 Ye		5 35,000,000.00 5	-	
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	Education			and the Center for Cosstal Analytics (CCA)	secons industries. By using innovative techniques, this regroups well regroups wenne to nontraditional career pathways that meets the demands of future ecosystem restoration projects along the Galf Cost through sources 1500 (2016) (2	Harrison, Jackson,	Yes Yes Yes No	Yes	Yes Ye	. No	Ves Ves	26 Ye			-	
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Research and 4249 11/26/2014 Evaluating the Impact of Upland Land Use Education Mater Quality of the Missisziopi Source Estuary	Objective: Develop a disclosion support tool to evaluate the impacts of upland land use land cover (LULC) change on coastal water quality and provide analytical tools to help select the most suitable areas for restoration and as sites for monitoring the progress of the restoration.	Hancock,Stone,S Tammany,Mobile Jackson.Pearl	le Ie	No	No N	10 No	Yes No	No	5 3	10,000.00 \$	- Evaluating	and monitoring
	Biologound: With the development of the gaming and tourist industry, Mississipp's Gulf coast has experienced rapid growth in population and economic activity in the past several years. The population of the scattal countries in Mississipp link been increasing and comtinues to increase, resulting in changes to the land use and the lund over on the coast and in the upland areas. According to new U.S. Comus population estimates the Mississipp Gulf coast has three of the top 10 facet at growing cites in the tart from 2012 to 2013. In reports to this rapid growth in coastal population and economy, the Mississipp Optimitent of Anie Roburses (DMR), the diagram of the Mississi of Causal Management Theory Changement Flame (Change). The CMR events to ablance nature intervance protection and economic development through cooperation among band, tars, and feeling agenciase at the private receive numff from Low davyInd ourse nature audity and users in the option data and/or and over on mange target users at the coastal areas. Coastal Management Flame (Change).	River, Washingto n, Harrison, Georg e	5									
	surrounding watersheds that drain these upland areas in the coastal estuary. Changes in the LULC of the upland portions of coastal watersheds can produce mescad amounts of nutrients, sufferent, and other post-buildness. Proor understanding of these compares oncesses will reall better decisions and make the restore processes will reall better decisions and make the restore processes will reall better decisions and make the restore processes will reall better decisions and make the restore processes will reall be the restore and/or purchase and to model and monitor the effect of the restoration activity. The modeling part of the decision support tool will allow decision makers to act, at's what RML restors about a part of a watershed. Paper the protonor:											
	The groupsed will develop a decision support system (ISS) Figure 1 by integrating remote sensing and groupstall analysis with existing and validated numerical watersheld models to analyse optimization decision and provide possible concernations. The Soliv illingering exposure data drawstering in defause restructure, and the SNL value watersheld models to analyse optimization decision and provide possible concernations. The SNL integrate groupstall analysis with existing and validated numerical and the structure and on part LLC, and the EVF is coupled watersheld and water and up that provide the structure and and the SSL will be in a web mapping sense will be developed in a des Gargenters information system (SSL) and will also uses to available postnall development projects through a web portal. The integrated models will accept user input for a selected area, run the scenario, and present the results in a geographic format.	1										
	The goal is to evaluate the potential changes in nutrient and pollution concentrations into the castal environment by simulating the entire part of nutrients and pollutants from watershed to the drainage network and to estimate the impact on coastal water quality. This system will provide a tool for decision-maker to evaluate the water quality in the Mississippi Sound estuary (Figure 2), and analyze the impact of upland land use and land over change. The BASIN model will quantify the Total Nakimum Daily Loads (TMDL) for nutrient and sediment management, and provide information for provide information.											
Research and 4257 12/8/2014 Habitat Mapping the Waters of Mississippi Education Sound	Benthic Mapping of the MS Sound:	Hancock,St Tammany,Mobil	Yes	Yes	No Ye	'es <mark>Yes</mark>	Yes Yes	10 Ye	s \$ 4,5	15,000.00 \$		
	This project proposes to compensionally may the Massiangi Sound using Multibaten Echo Sounders (MMES) sugmented with Anknore Liabra Euhymetry (LME) sugments. The underhying purpose of the project is to establish baralite barbanch barbanch and or this Sound, however, the data have more more additional arrays. The data will provide measurements of pletajce Unionas, and a strature erch. The resulting bytas I barbanch	,Jackson,Harrisor	n									
	MBES is an entronice project. Multiholown orac onces a senit of the taxeled out to a withit of appointanity's times the water depth. Figure 1 outlines the array of the Maxisupgi Souch Bounded by a depth contrast of depth contrast integration of the sening depth times provide the Maxisupgi Souch Bounded by Tes Unitersch P Housing F Housing Souch Bounded by Tes Unitersch P Housing Souch Bounded by Tes Unitersch P Housing P Housing Housing Housing A Housing	F										
	rating the line is a norm south notestation would allow for emeetro data Contection and managabate data the. In a karding would not Mussiakippi South a large parametery for the approximately in a line of the article and the set of the approximately in a line count of approximately 13000 lines; and the set of the set of the article and the set of the approximately 13000 lines; and the bat assumed. 13000 lines and the at a line data and of the approximately 13000 lines; and the the assumed. 13000 lines; and the set of the approximately 13000 lines; and the bat assumed. 13000 lines and the approximately 13000 lines; and the bat assumed. 13000 lines; and the approximately 13000 lines; and the bat assumed. 13000 lines; and the approximately 13000 lines; and the bat assumed. 13000 lines; and the approximately 13000 lines; and the bat assumed. 13000 lines; and the approximately 13000 lines; and the bat assumed. 13000 lines; and the approximately 13000 lines; and the bat assumed. 13000 lines; and the approximately 13000 lines; and the bat assumed. 13000 lines; and the approximately 13000 lines; and the bat assumed. 13000 lines; and the approximately 13000 lines; and the bat assumed. 13000 lines; and the approximately 13000 lines; and the bat assumed. 13000 lines; and the approximately 13000 lines; an											
	25% should be added to the initial line estimate, for a total of approximately 15000 hours. Completion time estimates based on single vessel operations show a projected completion time of 10 years, based on successfully collecting data 188 days per year. The time scales vary accordingly with addition of multiple vessels. Operational days per year will heavly depend on weather and equipment functionality and are difficult to estimate. This proposal recommends an upgrade to existing equipment to increase the efficiency of data collection for enter the collection time to 5 years.											
	Additionally, ALB systems provide an efficient method for collecting data useful in delineating benthic habitats in shallow water. The Coastal Zone Mapping and Imaging Lidar (CZMIL) was specifically											
Education Biochar Activated at Low-Temperatures	Introduction Endour has enged as a promising sorbent for recovering or containment of marine crude oil splits (Nguyen and Rignatelo, 2011). Biochars are porous, and has a buik density lower than that of Biochar has enged as a promising sorbent for recovering or containment of marine crude oil splits (Nguyen and Rignatelo, 2011). Biochars are porous, and has a buik density lower than that of asswere to able buickets particles for on asswere. Biochar contain porce with hip/displacits internal surfaces that are vected much state to graphic composition attem than water (Ginyer et a., which water contain char contain dont the looked oil plote and emotidate the containder donaver. This should be not be contained asswere the looke contained to able product in blocher production. It is therefore relatively inseparative compared to other synthetic absorders. Moreover, the paret biochar can be donther and all borbent in usable of energy production. This is, there is no need to sparse the absorded of form the biochare of form the internal sector form the internal and the thereinged of borbent biological or absorded of form the biochard of form the biochard of plote and in control de environments for energy production. This is, there is no need to sparse the absorded of form the biochard of plote and in control de environments for energy production. This does have a product in biochard of form the biochard of plote and the control and and and here recovered. Are environments for energy production contained and the control de environments for environments foreenvironments for environments for environments f		Yes	Yes	No Yi	'es Yes	Yes No	Ye	s S S	30,000.00 \$	- develope p	product and create industry in MS
	abantangen, bloocher lei linky zoor selfective abanchem für mennedating spilled oll. Li Abscrahly för Achington and Henky (donouel dichtical) Li Abscrahly för Achington and Henky (donouel dichtical) Abscrahls (abancher), and henky (donouel dichtical) Abscrahls (abancher), and and and abancher abancher Abscrahls (abancher), and abancher abancher abancher abancher abancher abancher abancher abancher abancher abancher Abscrahls (abancher), and abancher ab abancher abancher abancher abancherts. Thus, ihrend aporte volume der folschar hist sole koncessed. (O2) and water are sussili vuelt fols han a fasteritor a drachen ignerering larger prore vulume during attributer danah bender abancherts. Thus, ihrend aporte volume der folschar hist sole koncessed. (O2) and water are sussili vuelt fols henne afferter abancher abancherts. Thus, ihrend aporte volume der folschar hist sole koncessed. (O2) and water are sussili vuelt folschar hist sole water abanchert abancherts. Thus, ihrend aporte volume der folschar hist sole koncessed. (O2) and water are sussili vuelt abancherts. Thus, ihrend aporte volume der folschar hist sole koncessed. (O2) and water are sussili vuelt abancherts. Thus, ihrend aporte volume der folschar hist sole koncessed. (O2) and water are sussili vuelt abancherts abancherts. Thus, ihrend aporte volume der folschar hist sole koncessed. (O2) and water are sussili vuelt abancherts abancherts. Thus, are substrahl and											
	proces. Recently, the Sustainable Energy and Environment (SEE) group at the University of Musisippi (UM) developed a family of new methods for biochar activation that was conducted in the temperature range 65-70%C. The energy throughput for the activation in such lower than the traditional methods. SEE is able to achieve a 14-60 Annova 500 Mices and 10-10%C. This activation approach is indiged an equivale, and the activation is that are readily analyzed energy throughput for the activation of the biochar activation of the act											
	III Proposed Work The proposed work will include the following tasks. 1.8EE group will produce biochrars from typical readily available biomasses in the Gulf States including rice husk, rice straw, switch grass, and hardwood under different conditions in our Combuston Lib. 2.8EE group will activate and charactrise the blocknars by using our none lactivation and analytical methods, 3.EEE will optimise the vanishes for provision and metaments.											
	The Workfors GaTeam recommends developing a two-year marketing campage focused on primoting workfors development and training in the three casts contributed for the second three of the second on primoting workfors development and training in the three casts contributed for the second duritica and blacks. The marketing campage in the logic part of the differ development and an algorith partment performs whet the logic logic primoting and training in the second duritica and blacks. The marketing campage in the logic primoting and cancels and the second duritica and blacks whether the logic logic primoting and training and the second duritica and black whether the logic primoting and training and the second duritica and black whether the second du		Yes	No	Yes Y	'es Yes	No No	Ye	s \$ 2,0	00,000.00 \$		
	campaign will concentrate on being persuasive in nature. It will focus on persuadarge residents in our target audiences that daying on the Musicalopi Guil Casat atting a more immediate career path is not only acceptable, but also attainable. The benefits of being employed and remaining/living on the Musicalopi Guil Casat will also be touted in a visually and writrably competing manners. A particular employate will be placed on bhind students, their persons and market and the guide concentrate to acceptable but also attained to accept and the main target on the musical person and target and the approximate the student and target and the student of target on the musical person and target on the musical person and target on target on the student and target on the student on the student on the student on the student and target on the student on target on target on target on target on target on target on the student on target o	2										
	of the non-collegiste career path will be communicated by illustrating the promising future (high) competitive salary, job security, quality of life) these individuals face & W with the appropriate training. This effort will help level the playing field for college path and non-collegiste career path high school students, thus helping to decrease the dropout rate and increase the employment rate.											
	This poper popers a world-stars apartime be built angul 13. Helphany 90 in claffort, Missispio na total of approximately 13 areas of land oversholding the redeveloped hores Park and Small Cark Harbon. Depending on Fatures, How, world world harbon, Missispio na total of approximately 13 areas of land oversholding the world harbon the lass of the Marine Life Oceanatium and provide for a much needed family/intensity and exicution-oriented forum micritly for or claff casts market. Utalika many projects that see there Hi full integrit on here to takehold to have, hist programs has been in the world's harbon to detta state there Hi full integrit on here not takehold to have, hist programs has been in the world's harbon to detta state there Hi full integrit on here not takehold to have hist project which has the potential to a been in the world's harbon to detta state. The term of the could harbon the event harbon to a detta state there Hi full integrit on here to harbon the own hist to project which has the potential to a been in the world's harbon to detta state there Hi full integrit on the notate the term of the project which has the potential to a bein in the world's harbon to detta state there Hi full movel harbon the world's harbon the potential to a bein the world's harbon to detta beingt and the state of detections and the state of detections and the integrit of the integrit on the integrit of the	Harrison	Yes	No	No Yi	es Yes	No Yes	Ye	\$ 120,0	10,000.00 \$ 14,	000,000.00	
	In a caliport teterotegoment commission will have developmental automary over this project, and has taken a methodical approach to performing due aligners measures in order to achieve an accurate picture of antite the potertial for this methods development approach to the develop a approach to the develop approach to the dev											
	training/ consults dev L1 a. Negridy so which would provide a much needest allery (component or point, cases between the dyapunt) in polyery at one purport and encyclemate that reason and the substantiane build out, be and to have not a solarity interim from component that the solarity of the solarity of the solarity of the substantiane build out, be and to have not a solarity interim from component that the solarity of the solarity of the substantiane build out, be and the solarity of the substantiane build out, be and the solarity of the substantiane build out, and the solarity of the Salar of Maximum biological solarity and the solarity of Maximum biological solarity of the solarity of											
	This project is consistent with a tead four (4) of the eight (8) eighte requirements of the Restore Act and GoCcast 2020. The enhancements to business modelsce, Infrastructure, marine research & education, and environmental atteaudhip through making Mississipald ⁴⁺ 3 Aquaritum a reality will have generational economic development benefits and provide a cure for one of the most identified layers in our Gulf Cloast region Set ^C Senity oriented attraction - a component necessary to helping our region achieve Premier Tourism Dedination status.											

Research and	4272	12/23/2014		HCPHC and Pearl River Community College jointly proposed to establish an Aerospace Academy at Stennis International Airport.	Hancock	Yes	No	No N	o Yes	No	Yes	100 Y	85	\$ 2,000,000.00 \$	-	
Education			Academy	With the proliferation of serospace development in the greater Hancock County region. Stennis International Airport is primed to serve as home for Musissippi's Aerospace Academy. The academy will train the next generation of aerospace development efforts.												
Research and Education	4276	12/27/2014	Mississippi Caastal Heritage Restoration, Education, & Preservation Trail	Finding is requested to establish the Musicippi Castal Heritage Trail (MCHT), 1010- mile multi-ue pathway linking castal communities from Grand ky Musicipal Clastarie Research Berave to MASAM*** Infinity Science Granter. While increasing pathic understanding and provider pathol access to startar records: eitherpretise start, waterways, Janda A, and Forsts, this Trail will also provide an opportunity to educate communities. MCHT will store as a beat the effects of the Deep Water Horizon OS Jali en Guil Casta Communities. MCHT will store as a educational too to teach about the interaction Determination and materia environment as view and definite communities. MCHT will store as a educational too to teach about the interaction Determination of the physical network of cultural, Matorial and natural Jacces where residents and valutar as allocat and culturally rich Musicipal Guil Cast. The Micrit will arrays a the backboor of the physical network of cultural, Matorial and natural Jacces where residents and valutars and an advanter to the costal ecosystems that summading the interaction Determination of the share and the cultural of cultural, Matorial and natural Jacces where residents and valutars and when to the costal ecosystems that summading with Pis costaling Constraints to education and toxical memory with less days and the custal ecosystems that summading with Pis costaling Constraints to education and toxication and toxication and toxications and toxication and cultural ecosystems that summading with Pis costaling Constraints to education and toxication and t	Hancock,Harrison Jackson	Yes	Ϋ́ε	fes Y	25 Yes	Yes	Yes	78 Y	8	\$ 25,775,000.00 \$		
Research and Education	4277	12/29/2014	Highway 603 Corridor	Water quality is a tremendous factor in the growth of a community, impacting economic stability through tourism, property values, as well as access to recreation and locally-harvested food. Although water quality in the Guil of Mexics is affected by many large water bodies, small cale impovements may have a positive effect on both the Guil and within the local community by providing access to natural spaces and improving sites for fahing and swimming as well as increasing community realizers. Highway 6031 is an prainer consider to the community whigh traffic speech, long frontages, and locally planned infrastructure. The low elevation of the readway and its proximity to multiple water	Hancock	Yes	Yes	No Y	No No	Yes	Yes	Ŷ	25	\$ 570,000.00 \$	20,000.00	
				crossings causes multiple environmental and community realience problems: poor water quality due to non-point source runoff, persistent flooding, low density land use, and ditches that occupy a large percentage of the right-of-way rendering alternative transportation path construction impossible.												
				This project will analyse areas where improvements may positively impact water quality and community relations and the board marker and thickers watersective. Items have, a heye to Licose, Four Dool Rayson, Caleword Rayson, and Rayson Little. The project will set up a water analysing program to determine current suss such as suce concerns and efficient correlino, such and and analysing and impervious and/or nuclein and and and and and and and and and an												
Research and	1070		Restoring the Ditch	natural environment, and connect with alternative transportation pathways. Water quality monitoring will also be performed after improvements to measure the changes, as well as the number of days the road is flooded per year.	Hancock									\$ 350,000.00 \$		
Research and Education	4278	12/29/2014	Restoring the Ditch	A party channelized dich supples a large amount of roundfin to the Massiapip Sound and causes peniatere bach cloures in a very popular bach area. At Massia adjacent to the dinary eavy, it provides limited ecological service in provingivity and upplic). The greenity of the disk staright and direct, and it has steep sides, contributing sediment from erosion of the banks, and reducing the potential for setting and filtration during nin events. The extent of this mini-watershed extends past Central Avenus and the railroad tracks.	Hancock	Yes	Yes	No Y	no No	Yes	Yes	ľ	es.	\$ 350,000.00 \$	20,000.00	
				Initially, the water quality (and quantity) will be monitored to determine the policiem: is a unitial waxts, sever issues, or other bacterial sources? We will work with the City of Bay St Louis Public Works and REAC(); a program of Missiopi State University, to set up a water sampling program. The proposed project will then address the specific produces identified. Actions may include: repair (if stations, enlarge drainage space, introduce setting areas for sediment, and replant stormwater												
				drains to filter other undesizable contents. Water quality monitoring will also be performed after improvements to measure the changes. The outfall is located in proximity to MERQ Hancack County Sampling Station QE (EPK:MS365172), which is frequently listed as water Contact Advicory as a result of high bacterial pathogen indicator levels.												
Research and Education	4279	12/29/2014	Vacation Lane Restoration	Also wetted are consisting of foreined ists which led to the Multilary Source and camped during lutrations Extran. This was none provide limited exception areas (for importing water equility and frequent base) characterized in the Multilary Source and the Constant Representation of memory memory aurification. Data is an and and the Constant Representation of the Representatio	Hancock	Yes	Yes	No Y	rs No	Yes	Yes	N	0	\$ 320,000.00 \$	20,000.00	
				The first step will be to monitor the water quality (and quantity), to determine the problem: is it animal waste, sewer issues, or other bacteria sources? We will work with the City of Waveland Public Works, and REACH, a program of Missingipi State University, to set up a water sampling program.												
				The proposed project will take attion to address specific problems identified through: repair of lift stations, enlarging drainage space, removing construction debris and abandoed labb, introducing settling areas for sediment, and replanting atornweater drains to filter understable contexts. Water quality monitoring will be performed after improvements to measure charges.												
Research and Education	4282	1/2/2015	Classrooms and dormitories for the Center for Marine Education & Research (CMER) in	INTRODUCTION: The Institute for Marine Mammal Studies (IMMS) is a non-profit 501 (c) (3) organization dedicated to marine education, conservation, and research of marine mammals and sea turtles in the northern Gulf of Marico. It operates a premier, state-of-the-art Center for Marine Education and Research (CMER) in Gulfport, Mississippi. It is the only facility on the Mississippi Gulf Coast that		Yes	No	res Y	es Yes	No	Yes	Y	85	\$ 5,000,000.00 \$		
			Mississippi.	has the capability and expertise to care for sick and injured manine mannula and set untries while providing opportunities for marine education and research. Mills serves as a biason between public and private criteria tentered in marine mannula ciences and has particles of "o Subtem Millstores) Juckson Sate University,												
				BQUIST. MMR property to control dominine and additional classrooms at the CMR in order to rehore research and educational programs and attributes the service of the servic												
				Furthermore, it would allow us to house high school students from all over the state for educational camps, fieldtrips, and overnight activities throughout the year. This would greatly extend the educational outreach that RMS is currently able to provide to the Gull Coast and the State of Mississipp. The proposed poject will minint only benefit MMS. It the provide additional support for MISMM and the State of Mississipp Information marker education caresci, currently our loading the importance of good is would be in future generations.												
				IAMS currently has the land and the necessary infrastructure (e.g., roadways, utilities, etc.) in place to start the project.												
Research and Education	4291	1/5/2015	MS Gulf Coast Work-Ready Community Program	Realimit communities, coard a preservation, conservation, preparendeus, recovery and sustainability within way geographical region are dependent upon a tray or genomy and than a help's qualified workforce. Inture, a public legible conservation, preparendeus, coordinated, integretard and regional vocifices training arguing most provides a range of fails development opportunities beginning with basics competency. Constructions, finger data and genome to apport and the construction are eased of the Missistopi Genomement Authority MROL. In particular building and the construction are eased of the Missistopi Genomement Authority MROL. In particular building Genomement Authority MROL preservation and Hances constructions. Begin Marcine Authority MROL preservation and Hances constructions and the Missistopi Genomement Authority MROL. In particular building Genomement Authority MROL particular building Genomement Authority Genomement Authority Genomement Authority MROL particular building Genomement Authority MROL particular building Genomement Authority Genomement Authority MROL particular building Genomement Author	Harrison, Jackson, Hancock	Yes	No	res N	o Yes	No	No	ľ	25	\$ 3,500,000.00 \$	- cre	ate new curricu
				The Mississippi Guil Coast Work-Ready Community program will be an open entry, competency-based exit program. Open to all coastal citizen, the program will place emphasis on developmental skills training (math, reading, writing), employability skills training (interview skills, resume writing skills and skills specific to local/regional industries. A credent last to specific to the below of the science of the science skills and an advelopmental area and is industries will be developed and director to program and training entertaines. The program will be developed and advelopment, may enter subsequent workforce training programs or may enter other educational programs to under the science and technical programs with enter employment, may enter subsequent workforce training programs or may enter other educational programs who has not into time of the circle science and technical programs with ether MCECC or MPCL.												
				The proposed project aligns well with Multicipal Works are economic development initiative of the Governor of Musicipal and the workforce development gaals of the GoVerna 2002 Commission. All agencies within the Musicipal workforce development of program participations are program and forw successful employment of program participation. The program will be developed over a six month time period and deployed in ungaring training scalarios within the three excession and environ successful employment of program participations. The program will be developed over a six month time period and deployed in ungaring training scalarios within the three excession and serve a tar-over period. Specific depictres and serve blows.												
				Objective 1: Creation of an open-entry, competency-based exit training program. Activities will include working with MGCCC and PRCC and coastal business and industry to develop and/or identify an industry-specific and recognized creativity. In the developing curriculum and learning outcomes, bedrifting training locations, appointing industry particles to an advelop training industry program. Activities will include workering a recruitment and admissions plans. Due requirements for parson and all was and a submitting and a submitting industry parson and will be relead a part of the objective. Outcomes of these activities will include the partnership of MICM, MECCC, train industry partners, employment of program staff. Use befores part of the objective. Outcomes of these activities will include that and a uniform currenties and admissions process.												
				Dejective 2: Implementation of the Work-Ready Community program. Activities for the implementation objective will include the hiring of instructional staff, modification of classroom and laboratory spaces, selection and purchase of training equipment, supples and instructional material, developing the instructional schedule, implementing the recultarents purchase data and processing of applications, exceptione of program participants and instructional purchases of three activities and applications, exceptional adjustment, supplementing the recultarents included and applications, exceptioned and equipment instruction. Other schedules and guildefining instruct.												
Research and	4292	1/6/2015	Public/Private Training Partnership Program	The Mississippi Development Authority (MDA) proposes to establish a Public/Private Training Partnership Program to provide workforce training in Hancock, Harrison, and Jackson counties through state institutions of higher learning, community and junior colleges, and Workforce Investment Network job centers ("Training Providers"). Funds will be used to support high-impact workforce	Harrison, Jackson Hancock	Yes	No	(es N	o Yes	No	No	Y	5	\$ 2,000,000.00 \$	-	

Re Ed	esearch and ducation	4293	1/8/2015 Pearl River Community College Hancock County Center	In an effect to meet the growing higher education, economic and community development needs of the clasms of Haucca Courty, Paral New Community Courty and Courty. For a number of years, PEC offender is interhe number of classes betweet clasms of Haucca Courty. The New Community Courty is a number of years, PEC offender source effective years to merge receive years to merge receive years of the source effective years of the source effective years and the source effective years to merge receive years to merge receive years to merge receive years to merge receive the classes of the source effective years to merge receive years to merge receive the classes of the source effective years to merge receive the classes of the source effective years to merge receive the source of the source effective years to merge receive the source of the source effective years to merge receive the source of the source effective years to merge receive the source of the source effective years to merge receive the source of the source effective ef	Hancock	Yes 7	lo No	Yes	No No	Yes	100 Yes	Higher Ed	\$ 15,000,000.00 \$	
				By January 2007, the newly-refurbished Hancock Center reopened and has served as many as 300 students per semester. The potential for growth is present, but a permanent campus-type facility is needed to foster this growth. The campus environment would promote program growth and the ensuing student population increases that are expected.										
				hard New Community Callege approaches to build a fine-standing campus on 20-20 across of lated in Neurosci County. The facility would accommodate existing parameters are the the supported for dividual parameters to meet the facility and generation of the County. The facility would be commodate existing parameters are to be compared to the support of the dividual parameters and the county. The facility would be commodate existing parameters are to be compared to the dividual parameters and the county. The facility would be commodate existing parameters are to be compared to the dividual parameters and the county. The dividual parameters are constrained and a large multi-support and the county the county of t	E									
				Cost of construction for the Hancock County Center campus is estimated at \$15 million. This number is based on construction costs of \$150 per square foot; road and parking lot construction; and, furniture and equipment.										
				This project would greatly enhance the higher education opportunities for the residents of Hancock County and the Gulf Coast region and would be a catalyst for the economic and community growth of the bread Gulf Coast area.	5									
	esearch and				Hancock Jackson								\$ 20,000,000,00, \$	
Re Ed	esearch and ducation	4296	1/8/2015 Mississippi Gulf Coast Fiber Ring	Currently, the Missisupi Guil Coast lacks a comprehensive fiber network engineered to be survivable in the event of a natural distance and to support limities accomic development. C spire propores to buils a distancia, survivable frequering for the Mussiogi Guil Coast to provide both a backhoom envelve for the Coast as used and the monetors to commercian and residential cores across the coastal region. This network would provide the infrastructure necessary to support entities distance anywhere in this region and to provide fiber internet connectivity for explaining and main Buingeau well as coastal residents.	Hancock, Jackson Harrison	, Yes	io Yes	No	Yes No	Yes	100 Yes		\$ 20,000,000.00 \$	
Re	esearch and	4297	1/8/2015 Gulfport Downtown Tourist	Internet connectivity of example and the mediation and a strate usarises as were as coastar residence. Gulfport Downtown Tourist Destination/Alley Stretestage Project Le. & Edit All'Strete Alley Project 40	Harrison	Yes 7	io Yes	Yes	Yes Yes	Yes	55 Yes		\$ 1,500,000.00 \$	317,000.00
Ed	ducation		Destination/Alley Streetsape - The Half Street Alley Project	In the tradition of Printers Alley in Nashville, Prates Alley and Eschange Place in New Orkians, and the Alley Station in Mongonery, AL, Guifport, MS is seeking to develop the downtown alley between 50% Answers and 27% Anema rins a time outdoor police entrationment and act definations. Currently used for utility and waster entroval puoposes, the leigh has received a Bengin study by degrees. The test man strange outdoor degrees alley shares the strange of the strange of the strange of the strange alley takes the strange of the strange alley as the strange of the strange alley as the strange of the strange alley is have very for (S. Aukan). The strange of the strange alley as the strange of the strange alley is have very for (S. Aukan). The strange of the strange alley as the strange of the strange alley as the very for (S. Aukan). The strange of the strange alley as the strange of the strange alley as the very for (S. Aukan). The strange of the strange alley as the very for the strange of the strange alley as the very for (S. Aukan). The strange of the strange of the strange alley as the very for a very strange and strange as the strange of t										
				This new attraction will directly increase traffic in this postcrime framely area to 5 locally even of retargents that will have back door end/or contrared access to the evely transformed doctard's tree enders. The direct bin provides the	t .									
				Project is the project that will differentiate Downtown Gulfport from any other along the coast, offering a true destination that attracts more patrons to our small businesses, improves a currently depressed area and creates a unique public space tourist and locals alike will be drawn to.										
Re Ed	esearch and ducation	4298	1/8/2015 ONE COAST Scenic By-ways and Relocation Campaign	It is recommended that \$2,013,2500 in Restore Act Funds to williade to launch a DMC COATS Scenic Byways and Relacation Campaign to drive tourism and or all estat and establishes and an experiment of the second counties as a second backbarr. Stemis in and annot table and the second counties as a second backbarr is sense and the second counties and and the second counties and the second co	Hancock,Harrison	n Yes 1	res Yes	Yes	Yes Yes	Yes	50 Yes		\$ 2,019,250.00 \$	
				A Mulsiupp Scenic Bywey designation can benefit a community in several interrelated ways: Resource protection, Community recognition as a source of pride; Economic development/flourium through visuta justs a term is to write. Community visualing is address nadway confiders and and use taxes, Pertnering by taringing idiolduals, and downers, the public and privite protecting hardraid and clouder resources. The public and a state gents, towards and a data taxes are asset protecting hardraid and clouder resources. The second of the state gents to write and a state gents protecting hardraid and use taxes. The resource is a source and and a second area of the second area and and the second of the Mississipi Coastat [®] taxes are area. The resistend of the Mississipi Coastat [®] taxes are area. The resistend of the Mississipi Coastat [®] taxes public, the proteines the tention, hardraid and clouder resources to the public and quicks of the and existend or the Mississipi Coastat [®] taxes are area. The resource of the devices of the American public. The goal of the resources are devices of the American public. The goal of the resolvers are proteines to instruct, historic and cultural torarium strings to the public and the section area and analysis of the and the hard toriant strings to the public and quicks area area.										
				Asking advantage of the INFINITY Science Center, a Musicipal Ter I courist attaction that opened in mid April 2012 that has a focus on the science of land, sea, and outer space. diating the Purvys to Space and the Bach Boach advand Senth Pways, and the intrinsi resources along these byways, as a Mcanostide laboratory/dBifwere people can have a hand-on experience with what they have learned advance that the IntriN Source Center. Benying the extension of the April Center Center. Benying the extension of the April Center Center. Benying the advance that the the extension advance of the hypothese resources and the public around the byways, and to provide visitor information at various locations on Benying the advance of the April Center Center.										
				Promoting the cultural and heritage tourism of the area is the catalyst needed to increase valuation, new business income, tax revenue and jobs for the region, using the INFINITY Science Center as the mechanism to draw the estimated 30,000 annual visitors of the internate and in the communities surrounding the Center. Conscienting the Science Science Science Texa and all draw the visitors of the internate into the Center of the Science Science and the Science Scie	•									
	esearch and ducation	4299	1/9/2015 Mississippi Gulf Coast Business Resource Centers	Missialigit Gird Ceast Busines Resource Centers Extrapresental apparts to ore of the twp compliciting communities for account is taugh times. With the economy straights to get back on track following Ratins, the Girl Of Spill (back and the research there was and still is a need to bed the small business engine by giving entrapresenues and companies the support they need to re-open their doors, recover, expand and hire more exofers.	Jackson, Hancock, Harrison Counties	Yes	les Yes	Yes	Yes No	No	Yes		\$ 8.40 \$	-
				When the Deep Horizon DII Spill hit, the Hancock Chamber of Commerce was posted to lounch the business resource recovery center, using the Katrina model as a template. In the aftermath of Harricane Katrina, the Hancock Chamber of Zommerce was on the ground limediately providing technical assistance to businesses. Through a GuII DIS GUII Cassa grant grant from the Economic Development Administration, the Hancock Chamber of Zommerce was posted for the Manual Development Administration of the Administr										
				The centre has now become dormant due to lack of finding. Through this proposal, we recommend that a total budget of \$4 kmillion be allocated from the Restore Act Funds to fund a Mississippi Guil Coast Business Resource Center Program. Using the Narocck Chamber Model, we propose to Dewelop a Smill Business Task Force & Business Resource Center in each county, using existing Chambers of Commerce to bring all key stakeholders.										
				together to: Stabilies local usinesses; Babilies jobs and incomes for individuals;0										
				Babilie community structures; Babilie community subses and consumer confidence; Bart targets and simelines; and, Barting vesting janka and resources.										
				We also plan to target specific challenges: Business retention & engansion;										
Re	esearch and	4300	1/9/2015 Creation of Pearl River Community College	Create a campus for PRCC in Hancock County for seafood research and aero space technology. This is of utmost importance, not only for the Mississippi Guif Coast but for the state at large. We need	Hancock	Yes	res No	Yes	Yes No	No	Yes		\$ 15.00 \$	-
			Campus in Hancock County	to develop our workforce in Hancock County.	1								1	1

Research and	4302	1/16/2015	Oil Spill Aftermath Asssesment on Asian	During the influx of Vietnamese refugees throughout the 1970s and 1980s, Vietnamese families migrated to the Mississippi Gulf Coast to work in the seafood industry. They started to work in Biloxi's		Yes	'es <mark>No</mark>	No	No	No	No	No	5	90,700.00	\$-	Community inte	rviews
Education			American Communites	safeod factories as opter shuckers and shring packers. Some Vetenamere familite to commercial fabring in Vetram became successful as shring bact captures and deckhunds. New, Vetenamere faharmen mete uga nota half of the attar's commercial fabrene in Winkingski. The Vetenamese American community's population increased to more than 8.000 from Cossau 2010. These include several somes like Pasc. Christism, Buis, Guilfoort, U'Berville, Ocana Spring, Gaster and Pazcapula. Majority Vetenamese household in the South Mississpi date of the analysis and the set of													
				The BF oight had an extraordinary destabiling effect on human communities in Microlitypi particularly the lower three counters, Harrison, Jackon, and Harrash. The stress and strain is releter arrough the kiaan heartaneoritany for a stress of the strain stress of the stress of the stress of the stress and strain is releter arrough the strain heartaneoritany for a stress of the stress of the stress of the stress of the stress and strain is releter arrough the strain heartaneoritany for a stress of the stress of strain stress of the stress of th													
				Lawning are spun. This impact comes mostly from uncertainty about the future, for of food contamination, the chaos of the cleanup, lack of job opportunities, and the engoing collapse of the seafood industry. In response, ACA took the frontiline and started mobiling Virtuannees fullements on the Mississipp Galf Casa. As the oil guill turned to an environmental and economic disaster, we came together to document the needs of aurcommonky and a suborcal and establish the appropriate solutions.													
				Asian American for Carage analysis to propose an origin afterment commonly assessment on the Asian American community apolegicated integra to how a constraint assessment and the American community, apolegicated integra to how and and and a beingin degle that assessment at the American Commonly apolegicate data constraints and and beingin degle that assessment at the American Commonly apolegicate data constraints and and beingin degle that assessment at the American Commonly apolegicate data constraints and beingin degle that assessment at the American Commonly on a successful and a comparison of the American Commonly apolegicate data constraints and a beingin degle that assessment at the American Commonly on the American Commonly applications, state cognitations, national aspectations, take cognitations, national aspectations, take cognitations of acuted proposed projects in problem are and adve the correctionaction.													
				It is important the methodology for assessing the community is not limited or restricted. Every approach will be taken into measure. Data and interviews collected will be recorded and documented for further analysis. Approached participant must be willing and able to perform the interview. Interview methods are as follow:													
				L. Direct approach in the field. 2. Odd/alling potential participants. 3. Relying on post participants to refer any participants. 4. Ardanding community pathering, exercit and meetings. 5. Securing and setting up interviews with participants.													
Research and Education	4303	1/20/2015	Project Management in Support of MS RESTORE and NFWF Projects	Just as an integrated eccepterm monitoring and mosting network is critical to understanding the interconnected Guif eccepterm, is related to be added	Hancock,St Tammany,Mobile ,Jackson,Harrison	Yes Y	es No	Yes	No	Yes	No	Yes		2,000,000.00	\$-	monitoring and I	Jata Sy
				A key component of the Project Management Plan will be defining how the large amount of data being collected will be managed, and what information products derived from those data are needed by decision makers. Deep Water Invisions note, again highlighted the need for a better understanding of the managed, and what information products derived from those data are needed by decision makers. Deep Water Invisions note, again highlighted the need for a better understanding of the managed, and what information products derived from those data are needed by decision makers. Deep Water Invisions note, again highlighted the need for a better understanding of the management and ecosystem making, up the Guid Defines negation. Name (and the negative management base) manufacts. Define the Define the managed Laber recipient of Indian generate large amount of data and information. These funding will be required to manage their data in accordance with the funderst ² , policy. Working with NOAA and Restoration Council data have to be discoverable and accounties of the Under groups to a count and process the data and the funderst ² . The Indian generate large amount is the data approxemation are not be discoverable and accounties of the Indian generate large amount of the funder strength to a the the Indian generate large amount of the Indian generate													
				As part of the Project Management Paus, project personnel will interact with NOAA, the EPA, the M5-DRQ and M5-DMR to accertain what information products, or decision support tools, would be most useful to them from the subproject monitoring data in the Gulf of Mexics. Where possible with existing resources these tools will be developed. If more resources are required, the development of these tools will be recommended for future funding.													
Research and Education	4305	1/26/2015	A Hancock County Aerospace and Workforce Academy	Anongene to study on the Mituisiagi Gall Cast, despite the last of comprehensive arranges and indury-indiced training programs from both the activity in the last of comprehensive arranges and induced training programs from both the activity in the last of comprehensive training programs are last on a study and the analysis of the analysis of a study cast of the analysis of the an	Hancock	Yes I	io Ye	s Yes	Yes	No	Yes	15 Yes		10,000,000.00	\$ -	similar to ID	
Research and Education	4313	2/3/2015	Misisippi Martime Museum	A sample 2100 the chronology of vessel being built on the Pascagula Item begin, and in the 200 years of decomented building records store that tems, thou was of vessels from strings and falling stores stars, backing controls in the stores of the store of the stores o	Jackson	Yes f	lo Ye	s Yes	No	No	Yes	0.01 Yes	5	2,500,000.00	\$ 25,000.00		
Research and	4319	2/20/2015	Requirements Analysis and System Architecture Definition for an Operational	Last, 2 (lose post of dat cristes during contribution table long term post or molecules and any post or molecules and any contribution of the long term post or molecules and any contribution of the long term post or molecules. There is a long term of the long term term term term or molecules and term of the long term of	Hancock,St Tammany,Mobile	Yes 7	lo No	No	Yes	No	No	Yes		1,475.00	\$-		
Contation			Architecture Deminition for an Operational Ocean Observation and Modeling System	decisions in interest of the public and the associated businesses and industries along the Mississips Guil Coast with regards to short and long term coatal management. Apparent in recent man-made and natural disasters is the inability to predict the effects of these events due to the tack of in-situ surces, ability to assimilate dation all sources and modeling the effects of these events in a timely maner. The provinces the coast of persistive tribuns, the ability to apply forecast the factor of the spin and Huminess tarins, the ability to accurately predict storm surge. Also, resulting from Deeputer Holtzon was the coast of persistive tribuns, the ability coasting and experiments tarins, the ability to accurately predict storm surge. Also, resulting from Deeputer Holtzon was the need for baseline environmental conditions. In order to respond to these antifycance tarins, the ability to accurately predict, storm surge. Also, resulting content Holtzon was the need for baseline environmental conditions. In order to respond to these antifycand of Manos, specifically the Mussissipi Guil Coast, to adequately respond to these environmental conditions occurring at temporal cales from hours to decades and qualital states from meters to kilometers.	Jackson,Harrison Jackson												
				Proposed to is document requirements for a sutained oparational center, from observations to decision products, and develop and end end Concept of Oparational (COMOF) for MS ESPONCE. This would be based on requirements for a sutained oparational center of the submitted oparation of the submitted oparational center oparation oparation oparation oparation of the submitted oparational center oparational center oparational center oparation oparatio													
				Baad on al asimilated requirements a CONDOF for MS RESOURS operational centre will be developed. This will be an all-inclusive end-or end system of annual and noteling requirements, IT architecture, specific services accompanies and annual annual and annual and annual annual and annual annu annual annual annu													
			Neotropical Migratory Songbird Preserves	The Mississippi Gulf Coast is important habitat for trans-Gulf neotropical migratory songbirds. The habitats immediately along the Mississippi Sound are the first terrestrial habitats the birds reach	Harrison Jackson.									250.000.00			

Resert and	4330	6/1/2015	Fishing Industry Educational Outreach	The fishing industry along the Mississippi coats, commercial and recreational, is one of the larget contributions to the local accounty, with nearly 52006 in local and representing 5500 plis (2011) statistic), in general coals within the visual setter-applicated and recreational, is core of the larget contributions to the local accounty, with nearly 52006 in local contraview quotas. There is an effect by the Mississip Department of Marine Resources (DMI) to update those quotas based on more scientific methods than used in the past. Once new quotas are in place, there is updote theme is operative based and the reasons based on more scientific methods than used in the past. Once new quotas are in place, there is updote those quotas and the reasons based on the reasons of the ensuities of tenterology (MST) duster. The avaid the Mississip (Interpreting for Technology (MST) suscently avaided a grant from the Small Business Administration (SBA) for a Marne Industries Science and Technology (MST) duster. The avaid was made under the SIAME** Regional Innovation Cluster (RCG) around the angle science and the science of tenterology (MST) duster. The avaid was made under the SIAME** Regional Innovation Cluster (RCG) around no avaided a grant from the Small Business. Administration (SBA) for a Marne Industries Science and Technology (MST) duster. The avaid was made under the SIAME** Regional Innovation Cluster (RCG) around no avaid as was all avoid the use was all avoid the use was all avoid the use was allow on the use was allow to the use was difficult or a science and technology (SBT) along the GII of Mexico coats. This proposal under the SIAME** Statematic and the Market and MST cluster and DMR representatives to interact with the local in difficult or insult is alway to avaid as and the access and the related was allow on the user was allow on the user and the science science and the insult of science the final Missippi counter and the properties and the more iscience and the science and the science access. It is fet	Hancock	Yes Y	s Y	es Ve	s Na	No	No		No	:	\$ 70,000.00 \$		
Reserve and	4332		alesi Hari - Itabutabenffi Were/Turachenio Cere Waterhoot & Guif Castal Pian Savana Restoration - De Soto National Forest	The substant control of to Soft Mathematical Software part of Harmises and a last software control is in software head to be software soft	Jackson, Harrison	Yes N	0 ¥	es Ye	s No	Yes	No		No		\$ 3,038,000.00 \$		
escadano	4330	3/3/2013	Jaunal 2004.tating Jauna in the opper Jauna free watershold	The main field that is the start that is used by the source of the transmission of the transmission of the start that the source of the start that the start the start that the start that the start that the start that the start the star	Partotx	16 1	6 N	U TE	s nu	τε,	ΝŬ				3 3		
Research and Education	4337	3/11/2015	Back Bay Biloxi Shoreline and Habitat Restoration	Project will restore shoreline area, ensuring growth of emergent plants including Spartina, Juncus, and other grasses and trees that have been lost to erosion. Several acres will receive remediation and land will be extended to include a narrow beach that has been lost due to increased force of wave action. The select means of restoration will improve conditions for more than a dozen endangered	Harrison	Yes Y	es Y	'es Ye	s Ye	Yes	Yes		Yes	health & s	\$ - \$	-	
Research and Education	4343		West Jackson County Constructed Wetlands Restoration Project	sector in the area as shown in this reasonal. He vieta kidoon county constructed Weshads Treatment System was established in In 1990 to treat the contralised wastewater collected in westerm Jackson County, Missisopi As wastewater passes through multiple cell of wethands Treatment System was established in In 1990 to treat the contralished to a displace MIS and MIC and Missisopi As wastewater addition to wastewater teratment, the wethands in a Sword Malakin to saviety of widdle and waters as a complementary balato to the adjuscent MIS savidable Careb Missisopi As wastewater the construction of wide in these wethands, we formed in agreement with the fixed and Audion Society to open the facility for aximo disarching and working and wastewater and the construction of wide in these wethands. We formed in agreement with the fixed and Audion Society to open the facility for aximo disarching and working and the set wethand the construction of wide in these wethands. For the last wethal the construction of weak in these wethands wethands in the set wethand Audion Society to open the facility for aximo disarching and weight here wethand the construction of weak in these wethands. The set wethand weight and balate the observable and country of the weight and halate and weight and halate disarching weight and hala the provide read count for the set for the functionality and habital provides the weight end through end addition of the apple shalls, and constructive treatment effective of the weight end through and habital provide the weight end through end/science of the weight end/science o	Jackson	Yes N	0 Y	les Ne	yet	Yes	Yes	62	Yes	;	\$ 650,000.00 \$		
Reserva and	4348	4/13/2015	Lady fab Trio (travel, higher education, and health management)	The datafield Burgeris FoundStackEs 302.0 are performed approximation working to address the specific needs and problem associated with young worms. Taking the indipolet, SK, containing to address the specific needs and problem associated with young worms. Taking the emphasis rescurange system, some to sky a show work to sky a show more to sky a show work to sky a show more to sky a show work to sky a show work to sky a show more to sky a show work the sky a show the sky a show work the sky a show the sky		Yes N	o N	io Ne	9 Ye	No	No		Yes		\$ 750,000.00 \$	-	

Research and Education	4353	4/17/2015	Wolf River Preserve Restoration	Wolf Rever Preserve Restoration (estimated budget: 5415.000). Wolf Rever Preserve Ia a 2.426-acre area protocoled by the AM2 that containe expansive faid frequenteer and backtion much about the Eleven Wolf Rever, Debit Bernard, wand Braue Preserve and Braue Bernard, Braue Ber	Harrison	Yes	No	No	No	No	Yes	Yes	No	\$ 451,500.00	\$ -	
				the need to restore a natural hydrology to much of the Presenve, which is affected by unused logging roads and other barries to natural barlet form. This project with restore natural taream function and freshwater flow te 40 dozes of estuaries and freshwater wetlands impacted by now effectual (aging roads, in cooperation with teDMR, Restoration tradges include installing cubrets at appropriate elevations to restore natural stream flow, installing low water consigns or environity musice flogs provides to restore natural et flow and test flow account plant communities, and replants personed a nature wetland vegatation. Skewadahla studies with a before and the Missiasia Willen Florations to host.												
Research and Education	4359	4/29/2015	Moored Observations in the Missidapi Bight: Environmental Monitoring System	valuates from the Kinosoigia United Stewards Fragram. The Central Gulf of Mexico Coan Observing System (CentCOO) was implemented in order to address a gap in operational oxean observations on the continential shell in the central Gulf of Mexico. This is a vary shamic region where nervine input, dominated by the Kinosoigia Biror but also Influenced by other rivers such as those discharged through Models Bay, has a major influence on coansergaphic processes. Second Npoots Maccurol Lines at Lace In 1956/47: Biromer et al. 2008, and it was beeved in a sci of 1957, was of a project haeded by the P and funded by the Northern Gulf and Nuclea. How The Inter State Influence Inter State Inter Inter State Inter Inter Inter State Inter	8	Yes	Yes	No	Yes		Yes	Yes	15 Yes	\$ 340,380.00	\$	
Research and Education	4367	5/19/2015	Restoration Plan for the Henderson Point Property	and through the National Data Buog Center (www.ndbc.noa.gov). This instructions gains have campoonts. This is the instruction of the property will be restared to its hatter's, natural use by removing concrete and miscalizeneous debris from the property. Invasion expects will be removed, and an invasive species management gains will be implemented. This will allow native vegations to infinite and gains on the property. The accord component is to abalite the shortform and reloca beneficies exists through the construction of serveral beneficient and goes on the time be constructed with the con	Harrison	Yes	No	No	Yes	No	Yes	No	No	\$ 600,000.00	\$ -	
Research and Education	4370	5/28/2015	USM Gulf Park Beachfront Pier Restoration	reccide concrete removed from the consert. There will also create habitatife or ordense, racks, and fish. The University of Southern Mississips (1) Gall Nacamus is the attack only beaching cancers. This campus had a fishing/recreational pier extending out into the Gall of Mexico for many years. The giver offered academic, research and recreational apportunities for students, faculty, and staff as well as local readents and tourists. One trime and as a sexual for students and the proposed project is to reconstruct this pier advoce again offere the relice Gall academic and the practice of the students of the demonstruct of the piece of the students. The purpose of the piece to the bayes of the piece to the bayes. The previous of this proposed project is to reconstruct this pier advoce again offere the relice Gall academic and research resource mentioned. Musicibigit residents and other stabeholden for many years. Also, with USM's growth in the areas of marine and coastal science, this pier will be a critical academic and research resource for Musicibidit asseme numerity mixed and end concernstruct this pier and the bayes.	Harrison	Yes	No	No	Yes	Yes	Yes	Yes	Yes	\$ 1,500,000.00	\$ 50,000.00	
Research and Education	5371	6/25/2015	Valtor and Artist Education Retreat	The project will create an experience for visitors and students to study artists and the important hat a come from the natural inducages of the Guld Coast. Though a setting and a accommodation to instrain a visitors to experience the inducage to the Guld Coast. Tension the natural inducages of the house the single of the provide study and a matural inducages and cultural resources. And providing a setting and the Guld Coast. Tension the natural inducages of the cone to study and the study and and cultural resources. And providing a setting and the Guld Coast. Tension to an tartist and visitors to experiments the absolution of the Schoome Per Complex, and Dee Inducat. The Inducation of the Coast Per Complex of the ULE Coast. The study and the study of the hubb and structural stability. Character will be repaired. The back handscape and of the Schoome Per Complex of the Coast Coast Per Complex of the Coast Per Complex of the Coast Per Complex of the Schoome Per Complex of the Coast Per Complex of the Schoome Per Compl		Yes	No	No	Yes	No	Yes	Yes	10 Yes	\$ 11,000,000.00	\$ -	
Research and Education	5377	7/3/2015	Habitat Restoration Stewardship Fund	Induite resources to coasial Maximup has lagged behand habitat restancion on their states, even when some grants for habitat metazzation were available beacas. Of the lass of matching during a first state state of the state of the state st	Hancock, Harrison, Jackson, plus others as appropriate	Yes	Yes	No	Yes		Yes	No	Yes	\$ 20,000,000.00	\$ 20,000,000.00	
Research and Education	5378		Intelligent Communities: Helping rural communities transition to, plan for, and prosper in the digital age	The Massing State University Extension Intelligent Community Institute helps not a Communities transition to, plan for, and prosper in the digital gap. The Institute, in partnerships with local charginos, schedules assisted or persentationes to horsess awareness of what the Inglitations to the digital gap. The Institute, is partnerships at chicks that will will serve a benchmark and plan to more forward. The Institute coordinates resources to address the needs identified in the charactical experiment, displaying a chicks that the institute coordinates resources to address the needs identified in the charactical experiment, displaying and exhibiting the serve that understands the challings of the digital gap and to provide digital lenges with one provide is in the lips multi- commutation sciences to address the needs and the challings of the digital gap and tables commutations at the science transmitter and and the commutation was also understands the challings of the digital gap and tables commutations at the provide digital lenges with the challings of the digital gap and tables commutations at the science transmitter and the science transmitter and the need and the challings of the digital gap and tables commutations at the science and the science to address down and the count discount tables to the needs and the function tables are the science plan to access the address of counters are used to access the test one counter of the science to be better used the technology. The langelinger Community (Outersa ablesses provide) that.		Yes	No	Yes	No		No	No	Yes	\$ 150,000.00	\$ -	
Research and Education	5380		Reef Fish Barotrauma Reduction, Education and Outreach Program	Ref flib Auch as unsper, grouper, ambright and comments of duru caught in waters desper than 30 feet can suffer from beatrama. Restrictive seasors, references emission and an and and		Yes	Yes	No	Yes	No	Yes	No	No	\$ 1.00	\$ -	
Research and Education	5383	7/31/2015	MS Gulf Coart Economic Development Data	Project summary Sucharm Musippi Naming and Development District will create and maintain a one-stop resource for consistent, accurate, up-to-date data across the Missispip Guil Cost counties of Hancock, Narrino and Jackson. It will be development District will create and maintain a one-stop resource for consistent, accurate, up-to-date data across the Missispip Guil Cost counties of Hancock, Narrino and Mississi Cost and Suppit Data collection input and Suppit instruct Uses on use generated data, Subseq Ontonia Access to the most updated data, as the server will retrieve data directly from the working database. Data collection input and Suppit instruct Uses on use generated data, Subseq Ontonia Access to a suppit Data collection input and Suppit instruct Uses on use generated data, Subseq Ontonia Access to a suppit instruct Uses on use generated data, Subseq Ontonia Access to a suppit Data collection input and to St [*] - Suppidation and provides user of inmute to St [*] - Suppidation and provides user on time of the Suppit instruct Uses on use generated data, Subseq Ontonia Access to a suppit instruct Uses on use generated data, Subseq Ontonia Access to a subseq Ontonia Access to a subseq Ontonia Access	Harrison, Hancock, Jackson	Yes'	No	Yes	Yei	Ye	No	No	Ves	\$ -	s -	

					-													
1	esearch and ducation	5385	\$/11/2015 \$/13/2015	Arport Canopy Solar Farm	Bickground: Substantially is an importent component to the central adjacent facilities. The disport facilities. The disport facilities is an important to associed disport from the factor Anatom Adjacent facilities. The disport facilities. The disport facilities is an important to associed disport from the factor Anatom Adjacent Anatom Adjacent Facilities. The disport facilities is an intervent of the new order disport from the factor Anatom Adjacent Anatom Adjacent Facilities. The disport facilities is an adjacent for the second of the new order disport from the factor and to associed disport from the factor Anatom Adjacent Anatom Adjacent Facilities. The disport factor and the reader adjacent for the second of the new order disport factor and the second of the new order disport factor and the disport factor and th	Harrison	Yes	No	No N	D Nee 9) No	Yes	90	Yes		1,600,000 00 \$		
E	ducation			Pathway	It we watering for people is a daily aprint of fits. The parts not a work a transportation, for receation, for mediation and for social gathering, Additionally, beacessible is people who may requere kells partialy and any social concerts, the pathway is accessible to provide with any structure of the parts is provided on the pathway is the provident of the scalar pathway. It is not provide and cares, it is a scalar on the pathway is and the provident of the scalar pathway is not for a scalar pathway is provident of the scalar pathway is provident opportunities (to be valies) and cares is the supportant on the transportation of the transportation of the scalar pathway is and pathway is and the scalar pathway is and pathway is and the scalar pathway is and pathway is and the scalar pathway													
Ē	esearch and ducation	5388	8/30/2015	Developing Grassooti deas for the Purpose of Juding's Sustainable Comonic Folgo by Finding Innovative Ways of Rectarding Gulf Coast Industry and Reversiting in Existing and New Business Development	The proposed plan outlines a multi-faceted approach to developing a Community-based High Technology Laboratory capable of producing an Kast Connonic Engined/Resulting in innovative approaches to developing for-profit business and industry, future products to capative real arrend, and innovatives in green technologies in order to produce assumated economic and dommunity development in the State of Manual States, Harrows, Alazone Counties is at the elegative Tell sub-ensity development, the State of Manual States and counties is at the elegative of the sub-ensity county from the effects of that valid assessments and ensity and counties is at the elegative of the sub-ensity county from the effects of that valid assessments and counties is at the elegative of the sub-ensity county from the effects of a counties is at the elegative of the sub-ensity county from the effects of a count of the sub-ensity development, the state of Manual States and counties is at the elegative of the sub-ensity counties is the sub-ensity and the counties is at the elegative of the sub-ensity counties is the sub-ensity and the counties of the sub-ensity and the sub-ensity and the counties of the sub-ensity of the counties is at the elegative of development, excounties is and elegative of development while creating positive counties of the term and between the elegative sub-ensity and the sub-ensity and the elegative sub-ensity and the term and between elegative ensity of elevelopment while creating positive counter and the term and between examples and the term and between the term and between elegative elevelopment while creating positive counter and the term and between elegative ensity of elevelopment while creating positive development and the term and between term and between term elevelope elev	George,Iackson,5 tone,Hancock,Pe arl River,Mobile,St Tammany	i Yes Y	(8)	Yes Yı	is Ye	s Yes	Yes	25	Yes	s	10.00 \$	-	
8	esearch and ducation	5392	9/1/2015	Poot Cade Waterford Baardwalk, Akana aad Sonii Cafi Hube Depanoin and Titeettennial Park Improvements	Through implementation of this comprehensive project to improve public excess and balance public pointer along Point Cadrit sourch on waterior from the Blice Ocean Springs Relige to the Blice Ocean Life Nitro on down Blice Nitro Blice Ocean Disk in State of Nitro Blice Ocean Disk in State Ocean Disk in St	Harrison	Yes	tes '	Yes Yi	is No	o Yes	Yes	80	Yes		\$		
¢ ¢	esearch and ducation	5393	9/1/2015	Public Access Improvements and Point Cadet Marina Improvements	The City of lipids is aptorning with the State of Matsixopi to restore safe access to the Neit Cadet waterion are souch of the Highway 00 biologe with an Abore sompliant boardwark to support a variety of policy access and restorements. Festival, concerts, efficiency of the State State of State	Harrison	Yes	No Y	Yes Y	is Ne	ν Νο	Yes	60	Tes	\$	5 S	1,000,000.00	

Normal																 1		
Also	Resea Educa	arch and ation	5394	9/1/2015	Billoxi Small Craft Harbor Expansion	slips east of the harbor and reconfiguring existing slips to accommodate all of Biloa's existing charter boats. Currently, the harbor is bordered on the west by a casino and its parking garage, which hinders accessibility and obscures its visibility to the public. Expanding the harbor to the east will not only	Harrison	Yes	Yes	Yes	Yes	No	No	Yes	80 Yes	\$ 6,000,000.00	\$ 1,000,000	.00
Image: Solution of the second seco						provide needed new slips, but will allow for improved accessibility and enhanced presence on Highway 90. Rather than being tucked away from sight as it is now, the new harbor will attract tourists and residents to enjoy public improvements that showcase the waterfront, offer a variety of marine-related services including boat charters, and offer educational information about Bioxi's marine												
Image: Solution of the second seco						fishing tournaments and other marine-related events such as children's fishing rodeos. Space also will be available for "off the boat" seafood sales and retail venues for ice and other typical supplies to support charter boat fishing. Educational information about Guif of Mexico deep-water species. Jocal ecology and the cultural history of deep-sea fishing in the Missission Sound will be prominently												
Image:						Town Green, the Ohr-04C**Keefe Museum of Art, the Schooner Pier Complex, the proposed Trixentennial Park, Harrah4C**s waterfront park venue, St. Michael's Church, the Maritime and Seafood Industry Museum and the new Bilow Waterfront Park and Fishing Pier. During development of Bilow's Post-Katrina Comprehensive Park, citizensi definitified expansion of recreational opportunities and												
						waterfront space and resources through consolidation of charter boats into one location and expanded family-oriented tourism activities. The project will support boating and fishing; freed space made available in other Biloxi marinas as a result of the charter boat consolidation will benefit not only the recreational boaters that will relocate from the small craft harbor, but also transient boaters												
LAXE I Image: Section of the sectin of the section of the section of the section						efficiency improvements, modern waste disposal methods and best management practices for stormwater management.												
No. 10.	Resez Educa	arch and ation	5395	9/1/2015	Tricentennial Park Public Improvements	Manor and some of Blow"s freest old live oak trees. Damage from Hurricane Katrina destroyed the Manor and its outbuildings, but many of the oaks survived and the site continues to serve a public purpose by preserving unobstructed views of the Missiopip Sound. Through this project, the CIty veeks to improve the eight are site to complement activities of the CIN-O'Steele Museum of Art Dicated on the west is of the site is provide petertian access cases highings you're acrossavit for compare the park with the site of set and the complex to restore a wealthnd area accessed to access the complex to acrossavit for compare the park with the same Beach and Schoner PPE complex to restore a wealthnd area	Harrison	Yes	No	Yes	Yes	No	Yes	Yes	40 Yes	\$ 840,000.00	\$ 90,000	.00
Image: Single						masic must be park, and rebuilding a term to support a band shelf/gatebo for outdoor concerts and other activities. Before development of Highway 00, the southeast portion of the site was triably-influenced and libe retored as a surveiland garder area with interpretive signage development of the site was triably-influenced and libe retored as a surveiland garder area with the sind Beach and Schoner Pier Complex. Crosswalk across Highway 50 will be installed to provide public access to connect the park with the Sand Beach and Schoner Pier Complex.												
No. 1.1 No.1 No. 1.1						public recreational park space for picnics and other leisure activities; restored wetlands and improved water quality to support marine species and public recreational uses.												
Auto						park as a result of project implementation is anticipated to have regional economic benefits, such as job creation and increased sales tax collections, by stimulating redevelopment in East Biloxi.												
Kurti Mark <						labor provided by the Harrison County Public Works Department; and donation of LED lighting flatures and installation services provided by Missisappi Power Company.												
$ \left[$			5399	9/2/2015			Harrison	Yes	80 Yes	\$ 35,000,000.00	\$.							
Number 10 100 <td< td=""><td>Educi</td><td>ation</td><td></td><td></td><td>Bridge to F110 Corndor along the Back Bay of Biloxi</td><td>Throughout the project area, the Chy will provide safe, convenient public access to the shoreline and will enhance traditional working waterfront activities with a variety of land uses that showcase local sardood through hopping, dimensioned, and educational venues. RESIGNE grant funds will be used as part of a public investment strategy to yead song term increase to water between the strategy of used to the two the by relatationing the RESI shorelines and to the ISIG configurated public RESIGNE grant funds will be used as part of a public investment strategy to yead song term increase to the advectoria and ervitationing the second or discovery through the song term increase. The strategy to yead the strategy to</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Educi	ation			Bridge to F110 Corndor along the Back Bay of Biloxi	Throughout the project area, the Chy will provide safe, convenient public access to the shoreline and will enhance traditional working waterfront activities with a variety of land uses that showcase local sardood through hopping, dimensioned, and educational venues. RESIGNE grant funds will be used as part of a public investment strategy to yead song term increase to water between the strategy of used to the two the by relatationing the RESI shorelines and to the ISIG configurated public RESIGNE grant funds will be used as part of a public investment strategy to yead song term increase to the advectoria and ervitationing the second or discovery through the song term increase. The strategy to yead the strategy to												
Image: Note:						The project will include intentives to diversify the regional anaload industry through development of such things as a soft-shell cab aquaculture program. Redevelopment of the project area, as well as of the local anaload industry, has been particularly saw bioloming to development of such things cat as the che of the S mercan cassars fully good, which include a agomainstably S Cary. The back has provide to industry, has been particularly saw bioloming to development of the brong target to the che of the S mercan cassars fully good, which include a agomainstably S Cary. The back has provide to industry has been particularly saw biological development of the project area, as well a mercan cassars fully and the same particularly saw biological development of the provide same for the project area, as an efficient of the project area, as well and the provide same development of the project area, as well in a califormed and and and and and and and and and an												
Image: Proper to state data by however the noise watches to provide the subgrade provide many and provide state state. Image: Provide state data by however the noise state and watches to provide state state. Image: Provide state data by however the noise state and watches to provide state state. Image: Provide state data by however the noise state and watches to provide state and watches to provide state state. Image: Provide state data by however the noise state and watches to provide state and watc						the City in the vicinity of Oak Street. This new marina will improve commercial boat access to Gulf channels and will offer landside improvements such as convenient off-loading areas, boat building and repair areas, marine services and net repair areas. Pedestrian walkways will link these two activity hubs to each other and to other points of interest in the project areas, including the National Registric, City-owned UB dirick House and the Boyou Auguste Restration Project, while involved a local, tatke and feedera patrentare pleforts to convert a neglected urban Boyou into a beautiful 12-												
Resch und Resch und Calculation 540 91/2023 Neis Markel HouseHouse Access Road and Mathine Commerce Controls in Marking Commerce Controls in Marking Commerce Controls in Marking Commerce Controls in Marking Commerce Controls Marking Co						project to extend Back Bay Bouleward from Dak Street sutheast to Pine Street and then south to 5th Street with funding assistance provided through the Mississippi Development Authority's Economic Development Highway Program. The Improved Pine Street will be a four-lane, divided bouleward for greater safety and aesthetic appeal.												
Image: Note: Note			5400	9/2/2015		The Pine Street Waterfront Access Road and Maritime Commerce Corridor in East Blioxi will extend and improve Pine Street from 5th Street south to Highway 90, concurrent with implementation of the City project to extend Back Bay Boulevard from Oak Street southeast to Pine Street and then south to 5th Street with funding assistance provided through the Mississippi Development Authority's	Harrison	Yes	Yes	Yes	Yes	Yes	No	Yes	90 Yes	\$ 20,000,000.00	\$ 1,000,000	.00
Iduction Reminula Public Access and Sprokenings reminular Public induction messures and public opportunity to access a unique area where the Maxistype of and inter and public opportunity to access a unique area where the Maxistype of access and the Maxistype of access and the maxistype of the public messare the public messare the maxistype of the public messare the maxistype of the public messare the public messare the maxistype of the public messare the public						related commerce, such as the shrimp boat off-loading docks at 92. Michael's Feel and ice book on Bliosi Bay at the foot of 5th Street. Improved access also will stimulate redevelopment of East Blook through new business start-ups and the expansion of fourtism and recreational waterfront amenities.												
Image: State in the state			5401	9/2/2015	Peninsula Public Access and Shoreline	removal, stom-resilient shoreline tabilitation mesures and pedestrian access improvements along the CBy-owned waterfront property will expand public opportunity to access a unique area where the Mississippi Sound merges with the waters of the Back Bay of Bliols. The project will enhance preservation of undeveloped shoreline for the benefit of the public as well as for marine and bird pecies. In addition, by impact all-waterfrom elevational signaper will expand opportunities to learn about habitat supported by tisbaly-impacted areas and to encourage long-term streamed with public pecies. In addition, by impact all-waterfrom elevational signaper will expand opportunities to learn about the babitat supported by tisbaly-impacted areas and to encourage long-term streamed bird	Harrison	Yes	Yes	No	Yes	No	Yes	Yes	60 No	\$ 500,000.00	\$ 25,000	.00
Finding findinge. Hurricine definit, liter, unclecked invalue growth and lick of a well defined, level walkawy make what should be an enjoyable nature walk into a huzerdoux experience. Project Implementation will address that project into providing AAA-complexel production accessful and provide axa. In indicion to the general public, chere who will beend? second address that project into a huzerdoux does who enjoy soon matcriand water attribution to the level from project mail and walk followers of can end and do have the enjoy soon matcriand water attribution accessful and provide axa. Implementation will beend? second address and mail public enjores indicational address and main and ball beend? Implementation are abundle and walk followers of can end and ball beend? Implementation are abundle and main provide mainter cannot of the double enjoy for end and a ball beend? Implementation are abundle and walk followers of can end and ball beend? Implementation are abundle and walk followers of can end and ball beend? Implementation are abundle end walk followers of can end and ball beend? Implementation are abundle end walk followers of can end walk follow						the safety and security of the walkway under the Blow-Ocean Springs Bridge; and constructing a small pier for fishing and crabbing. Upland improvements to be built near the MSIM include a shoofly around a mature live cask tree; a gazebo; a fountain; a foundation for the Golden Fisherman statue; and a wooden boarbuilding and training demonstration site.												
activities such as kapaler, sanding and padde baarding, such padde baard						Fishing Bridge. Hurricane debris, litter, unchecked invasive plant growth and lack of a well-defined, level walkway make what should be an enjoyable nature walk into a hazardous experience. Project												
addressing durative eratios. Not only will be project provide engaged access to the waterfront and impovements to enhance public engineers of the waterfront, but the taskey of those who visit he project areas will be gravity provide within the project control includes to the set of the waterform, but the taskey of those who visit does in the waterfront and includes and the project provide will be engaged engaged access to the accessing the set of the project provide provide provide provide access to the set of the project areas will be engaged engaged access to the accessing the set of the project provide p						activities such as kayaking, canoeing, and paddle boarding. Participants in the MSIM's numerous educational activities and summer camps for children also will benefit from expanded on-site marine- related programming. Marine species and native and migratory shore birds also will benefit from project implementation through replacement of invasive, non-native plants with native plant species												
As a part of this project, architectural and engineering planning and design for Hbase II of the project will begin. Hbase II of the project will begin will be project will be pr						addressing howine exists. Not only will the project provide expanded access to the waterfront and improvements to enhance public enjoyment of the waterfront, but the safety of those who wish the project areas will be gravity improved through the removal of bacasous debins. The project's location between Oxy-owned recreational amenities will allow expanded public access to the shoreline without requiring the construction of additional surface parking.												
						As a part of this project, architectural and engineering planning and design for Phase II of the project will begin. Phase II includes building a longer pier for folding and dock space for a schooner; diradging at the end of the pier to provide an access channel to the main navigation channel; and clearing all marine debris in the new access channel.												

Research and 5402 9/2/2015 [Vet Bloxi Fettival Boardwark and Boat The portion of Narrison County Sand Boatch in Bloal located between Rodemberg Avenue and Camella Street is noteworthy because much of it is separated from Highwary 00 by a swatch lidat due to the sand the highwary. While this section of beach is separated from Highwary 00 by a swatch lidat due to the sand the highwary. While this section of beach is separated from Highwary 00 by a swatch lidat due to the sand the highwary. While this section of beach is separated from Highwary 00 by a swatch lidat due to the sand the highwary. While this section of beach is separated from Highwary 00 by a swatch lidat due to the sand the highwary. While this section of beach is separated from Highwary 00 by a swatch lidat due to the sand the highwary. While this section of beach is separated from Highwary 00 by a swatch lidat due to the sand the highwary. While this section of beach is separated from Highwary 00 by a swatch lidat due to the sand the highwary 00 by a swatch lidat due to the section of highwary 00 by a swatch lidat due to the sand the highwary 00 beach is section of highwary 00 by a swatch lidat due to the highwary 00 by a swatch lidat due to the highwary 00 by a swatch lidat due to the section of highwary 00 by a swatch lidat due to the highwary 00 by a swatch lidat due to the highwary 00 by a swatch lidat due to the highwary 00 by a swatch lidat due to the highwary 00 by a swatch lidat due to the highwary 00 by a swatch lidat due to the highwary 00 by a swatch lidat due to the section due to the highwary 00 by a swatch lidat due to the highwary 00 by a swatch lidat due to the highwary 00 by a swatch lidat due to the highwary 00 by a swatch lidat due to the highwary 00 by a swatch lidat due to the highwary 00 by a swatch lidat due to the highwary 00 by a swatch lidat due to the highwary 00 by a swatch lidat due to the highwary 00 by a swatch lidat due to the highwary 00 by a swatch lidat due to thighwary 00 by a swatch lidat due to the highwary 00												
condominiums makes access to the beach less visible and less inviting to passers-by.	Harrison	Yes	No	Yes	Yes	No	No Y	'es	80 Yes		\$ 6,000,000	0.00 \$ -
The project, which involves a partnering jot the City of Bloid and PL of PL												
The boardwalk will border the edge of the sand beach along the seawall, south of existing commercial development. It will provide a pedestrian versue to facilitate access to the beach and it will b destination in itself that will draw propile to the area and increase business. It also will be a setting for festivals and other outdoor community activities.												
The pavilines will be constructed along the boardwalk, once east of Versens Arenue and one new the Camella Street boardwalk and east one will be an extended on the strength of the pavilines of the boardwalk and east one strength on the strength of the st												
to the West Bloai waterfront; expanded recreational and educational opportunities on the Harrison Country Sand Beach.												
Reservation \$405 \$9/34/2015 Expansion of like CoA Aquaculture in Musicippi. Yes Connect Coperturbing for Konstance A reduction in hour coA havests and the costhmung decrease in number of juveshe blue coals in estuarias across the Cuil of Mesion have stimulated interest in the use of hardney-reservations Coastal Fishery Development A reduction in hour coA havests and the costhmung decrease in number of juveshe blue coals history and equations of the cost of the set on the fishers. Bigs of the CoA havests A reduction in hour coA havests and the costhmung decrease in number of juveshe for the cost of the set on the fishers. Hour coast of the set on the fishers. Bigs of the CoA havest A reduction in hour coA havests and the costhmung decrease in number of juveshest coast of the set on the fishers, and the costhmung decrease in number of juveshest coast of the set on the fishers. Hour coast on statisticing the cost on the set on th	igh in r	Yes	Yes	No	No	Yes	No Y	ies	30 Yes		\$ 13,000,000	
Research and Education \$420 10/2/2015 Guil Coast Broadband Project The Missioging Guil Coast is in need of ultra-high-speed, Bite-orging housdhand infrastructure for informational and informational service transfer that has sufficient scope, filestinging in the project service in the service transfer transfer that has utilized in the project service transfer t	, Harrison	Yes	Yes	Yes	Yes	Yes	Yes Y	'es	85 Yes	agricu	ilture \$ 15,000,000	0.00 \$ -
The experience of many states and communities around the nation has been that large corporate providers of data transmission facilities do not have sufficient monetary incentive to bring alfords and ubiquitox, u/ma-high-speed brazadawal internet survice to them unless there are significant public efforts and incentives to bring that technology to a proximity to all homes, businesses and apulic laces that will make the final connectivity and avience to all homes, businesses and public, pace vertile public and private service providers accessible and economically vabile to the retal public and private service providers, affordable to the end users, and competitive in regional, national and world markets.	e											
The Cities of Biola and Gullipot estabilished a unified effort to provide development of a minimum 1-Gig uiths high speed internet connectivity via a Fiber Optic Ring encomparising the entire Missiological Citi Cast: Synthesenethy, and Chocker 2016, optic other costal cities and two of the three cast cities with Biola and Gullipot test Biolandian Initiative. With RESTORE funding assistance, the Fiber Ring will be implemented and administered by the GEBI, thereby providing to all area residents and businesses an affordable, ubiquitous an timely uitzo high-speed transband Internet service. It will be delivered from the Fiber Ring to all end users by competitive licensing with private Internet Service Providers.												
The Gulf cast Brandband Initiative has been created through an increasing and the constraints are senare legal and administrative organization with the authority to acque any interest in real and personal property necessary to create and maintain the regional fiber optic ring in all of its parts. In order to eliminate the Staceglightal divide/Bulf contract equal opportunity for all residents and bunkness to enjoy reasonably affordable access and use of ultra-high-speed Internet service, the												
Initiative may contract with for profit and non-profit business and social service entities and engage in all other legal activities to assist in making ultra-high-speed internet service accessible and affordable to all residents and businesses in the entity/dt ^{may} sterritory.												
To the fullest extent authorized by law, the initiative will operate as public utility and will be gowerned by the participating parties of the interfacial governmental cooperation agreement. The G Coast incrudand initiative include and serve all of Mississpiki@"s coastal cities and counties who choose to pin the initiative (10 cities and two counties have joined thur and to benefit all those living or doing business in this region.												
In addition to humerous other benefits, improving access tu turbs help-speed internet service will support improved magament of public lands and water bodies, as well as improve regulator compliance monitoring in the participant; officient accurates. Through the use of internet service is will be an other devices, access to the neutro have by and discustion and the participant; officient accurates. Through the use of the advector set is to complete accurate through the set of the advector set of the	f	Yes	No	No	No	No	No N	lo	No		\$ 5,000,000	3.00 S -
Research and 5422 10/6/2015 Coordinated Strategy for Sea Turtle NFWF and its partners, including managers from all five Guif States, USFWS, NOAA, and NPS, as well as NGOs and science institutions, propose to restore Guif populations of sea turtles through the following 3 strategies. This work builds on 53.8M in previous investments NFWF has made to bolder Guif sea turtle populations since June 2010.		Yes	No	No	No	No	Yes N	10	No		\$ 58,600,000	0.00 \$ -
 b) Evolution becauses - This two part strategy is projected to sure the productive equivalent of a minimum of 3000 nexting femalias over five years: a) NFW will provide few success for X300 Turner Evolution Turner productive equivalent of a minimum of 3000 nexting femalias over five years: 												
 Versing Reach. Restoration - This three part strategy is projected to some the reproductive equivalent of 2,400 nesting females over file years: Predator Control: NWFW elevation is and to invest \$100,000 annually in predation rediction efforts on high density nesting backets in FL and ALL to maintain predation levels at or below 300 perpetuity. VeryPetuity. VeryPetuity. VeryPetuity. VeryPetuity. VeryPetuity. VeryPetuity. VeryPetuity. VeryPetuity. VeryPetuity. VeryPetuity. VeryPetuity. VeryPetuity.	1											
and tain country code enforcement still für address lighting problems. (c) Habitat Protection: KPW and URSW all proceed 25 miles of priority resting habitat (1,300 nets annually) within Archie Carr and Hobe Sound NWBs. NFWF, STC and U of PL will also plot a net conservation easement to [strengthen protection of] existing nesting habitat on developed properties.												
Critical Graps in Science/Management - NAWE will mobilite scientists to address two critical research gaps that impact turdle recovery efforts: a) coordination of a S-year study to identify priority habitats in the Guil and to identify overlaying threats; and b) a pilot program to test new methods for turtle-friendly beach nourintment.												
Research and 544 10/25/2015 Deloke Bayou Land Protection The Land Trust for the Mississippi Coastal Plain (TMCP) is an accredited Land Trust dedicated to the conservation, promotion, and protection of open spaces and green places of ecological, culturar senic significance in the counters of the Mississippi Coastal Plain. (TMCP) is an accredited Land Trust dedicated to the conservation, promotion, and protection of open spaces and green places of ecological, culturar senic significance in the counters of the Mississippi Coastal Plain. LTMCP utilizes both fire simple and conservation essement tools in conserving land for the benefit of habitats, species, and recreation.		Yes	No	No	Yes	No	Yes M	10	No		s	- \$ - Land A
	25											
This parcel is located along Delide Bayou in Harrison County, Mississippi and is part of the Delide watershed. This parcel encompasses a significant eak grove that is home to several 800 year old bit eak trees, as well as waterfront acreage to Delide Bayou. Protection of this parcel would be essential in maintaining green-space within the surrounding community. This property would also serv an outdoor classroom for nearby schools.		_										
oak trees, as well as waterfront acreage to Delisle Bayou. Protection of this parcel would be essential in maintaining green-space within the surrounding community. This property would also serv												
ak trees, as well as watering accesses to beliek Bayour. Protection of this parcel would be essential in maintaining green-space within the surrounding community. This property would also serv an outdoor classroom for nearby schools. Ecological Significance: 	id Pearl River, Stone, George, Hanrork	Yes	Yes	No	Yes	No	Yes N	40	No		\$	- \$ - Land A

			1.											 i		
Research and Education	5452	12/8/2015	TechTown Pascagoula	TechTown is a Kotechnology and entrepresental learning center offering year exound after school programs and unmer camputal AETRENTown provides all-ball school provides al	Jackson	Yes N	10 1	fes Y	es Y	'es N	10	Yes	50 Yes	\$ 2,000,000.00 \$	-	
				A TechTown Pracegoula program would combat the documented recruitment needs of local industries who are spending countiess hours travelling to recruit necessary workforce. TechTown Pracegoula would spark the interest of local youth region work in STLAM Görence, Technology, Expension, etc., and Mathematici jetisted plot of which Pracegoula is formante to be plentiful in. A facility of thin applicated would be the first in the StLar and how a multi-county and multi-take draw. Hesdpartner the Pracegoula, the adverse as a great partnership with lengtl. Chevens, Singer Were Health System, the Pracegouls-Gauder School District, the City of Pracegoula, the Missioppi Gaul Coast Community College (MSCCC), and MSCCCIA ⁴⁰ sreent colaboration with Missioppi State Liviership roung unforescable location.	s.											
				Attachments include presentations explaining TechTown and the capabilities.												
Research and Education	5453	12/11/2015	GoCoast Trust Fund	The proposed project will find a percentage of the second	Hancock, Harrison and Jackson	Yes Y	'es I	res Y	es Y	'es Y	(es)	Yes	Yes	\$ 100,000,000.00 \$	-	
				The GaCoast Trust Fund will be governed by a three member Board of Trustees, composed of one resident from each of Hancock, Harrison and Jackoon counties. The Governor shall appoint the trusters, subject to the approval of the Ministry Board of Representatives, for four year terms, cotentinious with the Governor. All actions of the Board Trustees must be by naminuous viet of the Induces. Opending geness of the Thours may be funded from Thrust Turn Governor. All actions of the Board Trustees must be by mammous viet of the Induces. Opending geness of the Thours may be funded from Thrust Turn Governor to Thours.												
				On or before September 1st of each year, the Trustees shall submit to the Governor, the Legislature, and NDEQ [1] a & KarHan of Investments/Alfor the next state liscal year learning all proposed investments and projects for the next fixed year. (2) financial attements of the Trust for the previous year, and [3] financial attements projected for the next year. Broot submitting each Plan of investments. The Board of Trustees must submit the Plan tail attements determinant submitting any part of the three scatta councies. If a mojority of Standors and Representatives submit an objection (in writing) to any specific project in the Plan, then that project shall be deleted from the list of projects that may be funded by the Trust in that fiscal year.												
				The Trust will operate in the nature of a public investment bank to fund project that address encounted evelopment; infrastructure; eco-encounters, or vecebrards, research is to project that simulate ad accelerate los green, regional accensaries los greens production; the same deparation and quality of life of MER/Coast Trust mainteer, etherwise sould lisky role go levauet within a decarter los greens that. Bedard for address Trust desarres and quality of life of MER/Coast Trust mainteer, etherwise sould lisky role go levauet within a trusting it mellines and scope of advectory mainteers, the trust hall be located within the three Coast counties.												
				Preference will be given to poject that liverage financing from private sources and other public sources, including state and fielded grants and incentive programs, such as New Market Tax Coeffits, Tax increment Financing, Musissippi Tourism Rebate Program, Public Improvement Districts, Business Improvement Districts												
				Each project will democrate it has an economically sound basis for regaring the investment and, where feasible, yielding an appropriate return on investment. Although lending and investment offers will be democrated by popertuate and go with Frust Frust, the based of Trusters will be demoked by the set sharm market rate in order to incent timely, qualified project that make long term, systemic improvements to the regional economy and quality of life.												
Research and Education	5459	12/23/2015	Welcome Center / Tourism Center	Develop a site and construct a welcome/tourism center for the City of Pascagoula. The City has much to offer, and several large employers bringing visitors to the area. Often, these visitors miss the jewels of Pascagoula and Jackson County in favor of larger facilities in other nearby cities. A welcome / tourism center would provide meeting space, information about local attractions and facilities,	Jackson	Yes N	10 ¹	les Y	es Y	'es N	10 Yo	Yes	90 Yes	\$ 5,000,000.00 \$		
Research and Education	5460	12/24/2015	National Diabetes and Obesity Research Institute	and would complement other similar venues on the Coast. On December 24, 2015, the National Diabetes and Obesity Nessarch Center and Tradition-Medical City submitted Project #5460 to the RESTORE Project Portal. The information below is an update to Project #5460 bed on a recent study and updated decim and building estimates.	George, Harrison, Forrest, Pearl	Yes N	10	res Y	es Y	'es N	No N	Yes	81 Yes	\$ 57,000,000.00 \$	-	
				The National Diabetes and Obesity Research Institute (NOOR), a Missispip (INS) non-profit S21 (c)(3) corporation, is an innovative, translational research institute focused on the population-based study and treatment of diabetes and obesity, currently in its infancy. The singular focus of NOORI is to find a cure for diabetes - a disease that impacts more than 15% of MS's population.	River, Jackson, Mobile, St Tammany, Stone, Hancock											
				1000 is located at Traftina, 14 doo zern mater-planned community in Narrison County at the interaction of Highway (2 and Highway (36 north of Biolan addisplant, MOXII) reported a surgice opportunity to invest in the long term health of the state, position the KG (Clocata as angli and leadin in the ground health and if electronic industry, rante a catalyst or ponential is consist growth, and promote community stability through development and investment. The concept would be one of the correstones of a healthcare, bioscience duster: the Tradition Medical City,												
				In spirg 2013, Suthern MF Raming and Development District (SMPDD) commissioned Ardulu, Laffer, and Moore Sconnentics and The University of Souther No to study the economic inspart of future healthcare cluster with the Tadlow Medical Dir at the encurse the finan product of this tudy suppliched as Addres Sociesconser (Sacher Sociesconser). Missings ¹² Stard on the proven theory that a cluster of healthcare and biocence facilities in proximity one another will accentate innovation, this intellegate and biocence and biocence facilities in proximity one another will accentate innovation, the intellegate and the socies of the s												
				nearror the pointed for future growth of NGOB and Tradition based on the success of other existing heathcare clusters at Lake None, FL, and the Research Taninge Park in NC. Based on these findings, NGOB and Tradition will make the NGO (Class at global existination for heathcare, research and medical existion make interfaces and existing Park in NC. Based on these findings, NGOB is strategically located in NS and serves as a natural laboratory positioned to address the effects of diabeters and obesity at the epicence of incidence. The result of the investment in diminishing health disparities will have for exacting implement in executors fraction effects or classifications and the ascission effects control with the strate and points and the successful and the ascission of the state.	2											
				Consider the following statistics, In 2016 over 377,622 Musicsippians had diabetes (over 15.4% of the state population). MSA ^{CH} s diabetes rate nearly doubled that of the global rate and was significantly higher than the 1055 musicson rate. It has been predicted that by 2025 the global population with diabetes will increase to 600 million. With nearly 1 in 6 Musicsippians affected by diabetes, the cost to the state at 35.5 Million musically increases the result is varied worker productivity, high portunity rates and to wild borg varicipation. NDORI and the additional medical development in the Tradition Medical City will serve to create the potential for significant economic savings to the state.												
				NDOR will save as a catalyst for economic growth, community stability and community resilience by providing or supporting a diverse offering of educational opportunity for residents of the state as hoppital, universities, research institutions and health and the science companies are engaged or locate in the development. This tape of development will ensu to simplice the state and GuT Coast's economic-health horingor scatter of hypitales pices, research on officies data and the development. The source coast of a science has been and and the horing horizont of the scattering of educational apportunities, that result in highly-failed coast's economic-health horingor scatter of hypitales pices, research on officies data by the scattering and the science and the scattering of the scattering and the science and the scien												
Research and Education	5464	1/25/2016	Highway Connectivity Project for City of Moss Point	A project to provide ease of transportation, accessibility and safety along the internates 10, Highway 61 and Highway 61 corridors from Old Sarzennia Road north of 1-10 to Michinia Avenue and Girerono Street south of 1-10. Linterchange improvements and extension of service roads along with service road improvements along the 1-10 and Hwy, 63 and 611 corridors.	Jackson	Yes N	10	res Y	es Y	'es Y	(es)	Yes	Yes	\$ - \$	-	
				 Transform the Pascagoula Street/Nevr Road/Griffin Street/Dattder Street corridor into a major improved connector between Hwy 50 and Hwy-613, with widening, turning lanes, improved drainage, resurfacing, lighting, etc. 												
				 Widening and improvements along Grierson & McInnis Ave, from Hwy-63 to Main St. (Once Hwy, 50) to create greater access and increased flow to downtown from the east. Also include a stop light and cross walk at McInnis & Main and straightening and widening of McInnis in front of City Hall with added parallel parking. 												
				 Turning lanes and a traffic light at Hwy 633 and Dutch Bayou Road to create a new main entrance and exit at the Pelican Landing Conference Center, at the intersection. Extend Ausbidon Way exitsward across Main Street to Morris, creating a new intersection and creating commercial development opportunities. 												
Research and Education	5465	2/16/2016	Computerized RESTORE	Developing Working Proposals to line University Researchers and Marketers to address the RESTORE act and present the proposal 100% into dimensional sections for fundamental learners comprehensise training and developmental studies in program. Each University Researcher that provide Subgraphical starkt, resume, CY etc. will be assessed to his or here RESTORE ACT decision making teams. There will be implementation of US Military and		Yes Y	'es	fes Y	es Y	'es Y	/es	Yes	Yes	\$ 18,000,000.00 \$	-	
Research and	5466	3/2/2016	Long Beach Handicapped and Wounded	International interventions and redecian ROTC Workforce Innovation Training and Development. This rander consists of the development of a bareball computer designed querification and Wounded Warrior persons. There will be three Miracle Leasure Fields, one concession stand	Harrison	Yes N	lo 1	io Y	es N	io N	No 1	No	No	\$ 2,000,000.00 \$		
Education			Warrior Baseball Complex	two parting areas and a signed and landcaged entrance. The total cost of the project will be approximately \$2 million. Faches # 550000 20000 1 Constraints than@ 150,000 2 Signed and Lancaged Entrance@ 100,000 Signed and Lancaged Entrance@ 100,000 Game State S												
Research and Education	5468	3/28/2016	Rutherford Fishing Pier Extension	The protect will be located on outliftic owned land at the entries site of the Lone Bach Senior Center and Bachell Center. Back Loss proposed to construct/center that Rutherford Fibing Rev which is located at the Municipil Harbor. The entiting pire is approximately 1.200 LF in length and is well known in Hancock County as one of the best location for pire fibing. Due to its reputation as a fihing hot topt, the designated fihing sense are consistently crowded and demands in factors and all one provide that endore thing as approximately OCD and add an open in fining laterian approximately 0.757. This structure will enhance the regional counties attraction and the structure of the laterian the structure and add one provi fining laterian approximately 0.757. This structure will enhance the regional counties attraction and		Yes Y	'es I	40 Y	es N	io N	No 1	Yes	Yes	\$ 1,500,000.00 \$	-	
Research and Education	5469	3/29/2016	Day Pier Extension	ametitis for the 83. Harbor and will increase the use and public access to the water for recretational use. Bay 1C. Losi proposes to enden the existing DV Rev which inclused adjuents to the Rutherdor Rev at the Nuncipal Harbor. The Day Per is used daily to dock local transient vessels which frequent the nearly downtown establishment. The current pier is approximately 200 L in length can not support the amount of vessels which frequent the area. The entension would add an additional 400 LI of docking space and enhance and support local and regional bound me (first, section 2000).		Yes Y	'es	io Y	es N	io N	No N	Yes	Yes	\$ 300,000.00 \$	•	
Research and Education	5470	3/29/2016	Pedestrian Access Ramp	Bay St. Louis proposes to construct an pedestrian access ramp mear Demontluzin St. which would provide ADA access from the downtown area to the BSL Harbor and Rutherford Fishing Pier. This access point is necessary to allow a safe method for tourists to access the harbor and fishing pier. The access ramp will provide public access to onjoy the recreational benefits of the harbor and fishing		Yes Y	с I	io Y	es N	lo N	No N	Yes	Yes	\$ 150,000.00 \$	-	
Research and Education	5472		Bay St. Louis Natatorium	pier. Bay 1. Louis proposes to construct a public natiatorium to consist of handicap accessible showers, handicap accessible swimming areas, locker rooms, 50 meter by 25 meter Olympic size swimming pool and multipurpose room. The facility will provide public access to swimming facilitates, swim lesons, partnerships with local school districts for use by swim teams, increase tourise attractions for violators as will as horizing state and regional winners and provide additional activities for ocidi outpublic.	Hancock	Yes N	10 1	40 Y	es N	(o N	No	Yes	10 Yes	\$ 5,000,000.00 \$	-	
Research and Education	5473	4/14/2016	Bay St. Louis Public Beach Access	Bay St. Louis proposes to construct public access points along Beach Bivd to the public sand beach at Carroll Ave and Ulman Ave. These access points will be ADA accessible and consist of concrete walkway, timber decking, timber ramp, galvanized steel support structure, lighting, benches, etc. These access points will provide more access for public use of beach for recreational functions.	Hancock	Yes N	10 1	io Y	es N	io Y	(es)	Yes	Yes	\$ 500,000.00 \$	-	
Research and Education	5476	4/20/2016	Horn Island	Is part of the Galf block block block backward ill validable ensures in their block		Yes Y	'es 1	40 Y	es N	40 Y	/es /	No	No	\$ 2,850,000.00 \$	-	

		. 100 100.0	Oyster Restoration through Aquaculture -		a.									r			
Research and Education	5480		Aqua Green	In Massings and throughout the Guil of Mexics, the syster fahary surves as an integral part of the economy and heritage of castal communities. Levels over the part decade such as Humicraes Catitiva and numerous anthroughout events (e.g., palkway pointing), and pall (e.g.) have, however, impact the does resources in Mussings pall castal data development in the production of annual of value system rel failuate present. Identified as a priority by the Gournel Carl Ogical Caucil, USM proposes to contraus its means had development in the production of annual of value system rel failuate present. Identified as a priority by the Gournel Carl Ogical Caucil, USM proposes to contraus its means had development in the production of a contraut of the production of the system	Stone	Yes Y	es M	es Ye	:s Y	es Ye:	s Yes		77 Yes		\$ 13,000,000.00 \$	-	
Research and Education	5482	5/4/2016	USM Ocean Enterprise at the Mississippi Aquantum	Background the maritime & Elibel EconomyAC" is the largest sector of Mississpil economic activity and includes shipbuilding, shipping (and related), finding, tourtim, defense (and related), and construction activities among many others. New and very large investments are being made to capitalia on this growth potential. We propose to centralise the convection where this maskee/in important state investment with the investments the theurism is the diverse interaction and displaying made, construction and display.	Harrison	Yes h	io Yi	es Ye	rs Yr	es. Ye	s Yes	28000	00 Yes		S 28,000,000.00 S		
Research and Education	5485		Restore the Countril Tree Caropy Strategies & Storm Preparedness and Mitigation	Interest Per Caropy will need with prevent of the motion in the three coards counters to dendify perturbal public gene spaces and enhance there spaces in the second counters in the enterth of the second counters in the dendified by either they cyb or approved relative project locations such as the counterstand public gene spaces and enhance. There spaces the second counters is a dendified or the development. The site statute work with the location of the dendified by either they cyb or approved (1) for project uil include benefits response and unitariate the statute of the second counters is a dendified or the development. The site statute work with the location of the dendified by either they cyb or approved (1) for project uil include benefits represes and unitariate resources of trees that support habitats of all kinds including native binds, repelies, and other species. Plus matched and enhance economic benefits. The project uil include benefits repeated willife. The results will be a series of autovitace crasting a linear coastal green spaces for benefits such as eco-tourism recreation, clean air and water, dondition the series (1) applied (1) app	George Alexinon, accord Some / Ja Alexon di Bakon and Hancock/Paril Hancock/Paril River, Mobile, St Tammany	Yes A	io Yi	es Ye	es Yr	es. Ye:	s Yes		80 Yes		\$ 450,000.00 \$		
Research and Education	5488		Pearl River stream flow monitoring	The bare Part New system is a token and where ecological years that is hown to a variety of aquatic and trentrolia gences, including search on the endingency system is a start of a source of aquatic and trentrolia gences, including search and the bare comes of the	St Tammany, Hanco ck,Orleans	Yes Y	es N	o Nd	9 N	o Ye	s Ves		20 No		\$ 425,000.00 S		
Research and Education	5489		Clermont Harbor Acquisition and Restoration	Element fulked acceleration of adverse to event the instructed Country hold to 155, with paddibback, a dator pavilia, pate to the community, pair advantable. The was heavy damaged by the 313 humans, then holds, and findshowed in 344. Second of the constraint of the homeware summaring the Nether home on returned, leaving along such that of and untended. Renew Gor Biners effects to dark humans datos from the lead fifty years have been an important step toward improving suster quality. The hardor connects to the Matsubaged Sound through large subverts, instead of the opper damanel for boats that is not a quarter, it still acts as a marine numery for fish and shellful. Renew Gor Biners effects to dark humans to the fish systems are and enformation that the sound improvement marker and human halded along to segar. The project request is for acquisition and permanent conservation of displacent lands, from willing events. Those lands will be made accessible for public access to the waterway, and will support nature-based tourism with low-impact improvements including recreational trails, a pavilian, interpretive signage, restoration of the Cermont Harbor pillar, and a langk launch.	Hancock	Yes Y	es N	lo Ye	IS N	o Ye	s Yes		No		\$ 250,000.00 \$		
Research and Education	5490		Land Acquisition for engansis on of Grand By National Wildle Regine and National Estuarine Research Reserve	National Wildlife Reing (WW) and crand Bay National Exacutive Research Rearver (NERR). This project will add approximately LABA proximately LA	Jackson	Yes h	io N	io Ye	is N	o Ye:	\$ No		No		\$ 2,000,000.00 \$		
Research and Education	5494	7/6/2016	SRHS Infrastructure	Intrins of the environmental infrastructure of our two hogolistic are in excess of 04 per solid and are failing. Other environmental utilities such as water calification, decircle alwitch gas and lighting for both source are proposed in seell so access produced by the scorely burdened of characteris of delawa are more than the incoden, energy and resource effects counterparts. SRMs is proposing to replace failing components such as the SRM cooling tower and exterior lawitch gas are water and the host produced by the score of the device of the score of the score of the device of the score of the device of the score of the device of the score of the score of the device of the score of the device of the score of the device of the score of the score of the device of the score of the device of the score of the device of the score of the score of the score of the device of the dev	Jackson	Yes	lo N	lo Ye	IS Y	es Yes	s Yes	:	.00 Yes	healthcare	\$ 7,800,000.00 \$		

Ree	search and	5407	7/12/2016	Restore Project Video Production and	It is important that the public be educated as to how the Restore Act funding was allocated to mitigate damage caused by the Deepwater Horizon oil spill. Much of the effort underway is directed at	Hanrock	Yer No.	No	Var No	No	No	No	 \$ 126,000,00	
	ucation	3457	//12/2016	Broadcast	projects with results which will not be readily visible to the general public.	Harrison, Jackson	res No	NO	res no	NO	NO	NU	5 120,000.00 3	
					The Wilem Group (TWG) proposes to incorporate video segments into its television show Guif South Outdoors in a manner that shines a light on the Restore progress while still offering enjoyable and entertaining and objectivity not possible if done directly by the State.									
					Gulf South Quiddoors has been on the air for 15 years and now reaches 30 million households in most major cities nationwide. The company produced a show episode which focused on the efforts of Mississippi Powerk ⁴⁷ 's Gatheney Quir Neural/Expirat. The show filmed an aligned human to the Pacagoula River them segued into the volunteer cleanup effort to stress the importance of being good atevaria of our instant resources. The real gate our sponse well-deserved visibility for their comparation instante.									
					similarly, Gulf South Outdoors filmed a duck hunt and then segued into the Nature Conservancy&"s ongoing project to restore the Mathews Brake wetlands. In both instances, the intent was to offer viewers an enjoyable outdoor show while highlighting important conservation programs.									
					Many of the Restore Act projects which have been completed or are underway would be ideal for the same type of treatment. A fubing trip for inshore species could be targeted in an area where Restore Act funds were used to construct an artificial refor restore as aboreline na estuary. The show would feature fish being caught and then interview the appropriate Restore Act representative to explain how the feature habitant date encated or improved.									
					Cost for this project to highlight six Restore Act projects is \$126,000 for one year with the option to continue funding at this same level for up to four additional years. Funding requested herein would be used:									
					 To jointly identify the 6 (aid) best projects to showcase. Conduct Interviews with appropriate personnel. Show video of the project status documenting stages for those currently underway, Produce a video segment of each selected project to incorporate into an episode of Guif South Outdoors. Arite takow analowski y do anillani households. 									
Res	search and ucation	5503	7/18/2016	Center of Hope	- Develop standalone sements for use by the State in its oblicit institution efforts The Center of loge / The Celle Holem [®] the Jackily anny (Institution Efforts The Center of loge / The Celle Hole [®] the Jackily anny (Institution Efforts State (Institution Center of loge / The Celle Hole [®] the Jackily anny (Institution Efforts State (Institution Center of loge / The Celle Hole [®] the Jackily anny (Institution Efforts State (Institution Center of loge / The Celle Hole [®] the Institution Center of loge / The Cen		Yes No	No	Yes Yes	No	Yes	No	\$ 5,700,000.00 \$	4,500,000.00
Res	search and	5504	8/1/2016	Grand Bay NWR & Mississippi Sandhill Crane NWR Restoration Project	groups and organizations to give them the tools needed so they can be productive members of society. This proposal consists of habitat restoration and enhancement work on Mississippi Sandhill Crane National Wildlife Refuge (NWR) and Grand Bay NWR, which are part of the Guill Coast Refuge Jicomjex. These regises contain a wide diversity of habitats ranging from ecologically important pina-seamons to cypress-tupelo awamps. This project will consist of three components: (1) Pine- tomics.	Jackson	Yes No	No	Yes No	Yes	No	No	\$ 2,902,772.00 \$	17,775.00
EU	acation			NWK KESUSAUUI Project	aware retreation to Good Bay WH, (1) And waterfords using over Good Bay WH and date rans of the Maxings cause, and (3) Linanement of waterford holds or & Maxings Scholls Cane WMR. The piece scanne retroations work on Good Bay WHW and piece scanness of the Maxings Cause. The State Scholl Cane WHM and piece scanness retroations work on Good Bay WHW and piece ranse science scanness and exact the state of the State Scholl Scholl Cane WHM. The piece includes science and a scholl waterford waterfo									
	search and ucation	5505	8/11/2016	Gulf Coast Institute for Minority Leadership in Natural Resources	The Deepwater Horizon OI Spill caused lasting ecological and acido-economic impacts in Guil of Mexico (SM) and adjacent land resources. Efforts have been initiated to restore impacted ecosystems. Such restoration efforts will be long etem and LM* imperative that a adjacent darder of biologits with ladenchip Allis exists to resource that such restoration efforts continue, are constant, ensure multiagency coperation, and Milling term gois. LLK*** imperative that deengapping to the ladens are constant with avail constantencies. However, deengapping ico Individuals in ladenchip rotes in natural resources dook*** reflect the eliterry of Guil Casata States, on even the U.S. The population of sources toordering GM was 1253.273.00 individual; representing 30.316 of population of His Scata States. Of here s- UIII million etimes, 426 with an eliter bedreing GM was 1253.2730 individual; representing 30.316 of population of His Scata States. Of here s- UIII million etimes, 426 with an eliter bedreing GM was 1253.2730 individual; representing 30.316 of population of His Scata States. Of here s- UIIII million etimes, 426 with an eliter bedreing GM was 1253.2700 individual; representing 30.316 of population of His Scata States. Of here s- UIIII million etimes, 426 with an eliter bedreing GM was 1253.2700 individual; representing 30.316 of population of His Scata States. Of here s- UIIIII on the state State State State State State States State		Yes No	No	No Yes	No	No	No	\$ 15,662,208.00 \$	
					Natural resources in coastal counties adjacent to GM are critically important socio-economically and ecologically. Many state and federal agencies are charged with conserving these resources and talk ^{ee} s imperative that those with headership noises of these agencies reflect the citizeny who need these resources. Ital ^{ees} not sufficient to simply recurit minority deads from universities. There involves the set of									
					tid ⁴⁴ s regretable that most 8.5 program in natural resources in the U.S. emphasize animal and habitat management principies, with less focus on developing leadership skills. However, there is dways a soluto of individuals who dudy skills in leadership and an being predient of professional or quantizations. The organization and habitat emphases of individual scills and the interest indexidual just in dividual scills display skills in leadership also in the dividual scills. The display skills in dividual scills display that in the interest indexidual just in dividual scills displaying these unque skills into the interest indexidual just in individual scills displaying these unque skills into the interest indexidual scills.									
					Multice Statement: Identify set brains subact of highly noticed protocolonds which natural resource management agracies and undergrubute students representing the 4 kay minority groups which the Guid Crast March to undertable forced and state generative operations, fideral and state policy development, administration, media interaction, advanced public speaking, conflict resolution, professional conduct emphasizing ethics, and financial accounting.									
					Angent Structure: The Matiologic State University Extension Structure will be the conductor of the program and will house the Institute. The Institute will have years that Audit Professional Taning and Undergraduate Taning. The AddA Professional Taning and Undergraduate Taning Taning Undergraduate Taning Taning Taning Undergraduate Taning and Undergraduate Taning Taning Taning Undergraduate Taning Taning Taning Undergraduate Taning Taning Taning Taning Undergraduate Taning Tanin									
					names of individuals they feel display innate leadership and would benefit from advanced training in leadership and knowledge of how government operates via an internship in Washington, DC.									
Per	search and	5508	8/17/2016	Keegan Bayou Waste Water Treatment Plant	The second unit will address training future leaders via undergraduate students. The key to successful recruitment of minority students into natural resources administration includes 4 cornerstones: As part of the comprehensive public and private effort to improve water quality in the Back Bay of Biloxi before it reaches the Guif of Mexico, the City of Biloxi is requesting RESTORE funding to	Harrison	Yer Ver	Ver	Var. Var	Var	Var	100 Yes	\$ 25,000,000,00	
Edu	ucation			Improvements for the Collection and Treatment of Seafood Industry Discharge	resource analysis of project discharge and treat it at the Keepin Bayou Wate Water Frazement Finat. This project will result in benefits to the public by preserving execting levels of business and supporting expansion of the business of the business preservation and the preservation of float traditional discharge. The proposed discharge collection and treatment improvements will provide a well-coordinated system to more expeditiously improve Back Bay wells by execting National Ministration of the provide a set of the preservation of the set of the preservation of the set of the preservation of the preservation of the preservation of the public system to more expeditiously improve Back Bay wells by execting National Ministration System premiser requirements for existing preservas while allowing the cost effective grader of bloak/tress should following.									
					This project complements the City of Blook/8* RESTORE Project \$5395, Back Bay of Blooi Festival Marketplace and Marinax, which requests funding to revitaite the sedood industry through public improvements that include equanded commercial dock space and supportive landsket amenities. Project \$5399 also includes incentives to diversify the regional association documents that include equated commercial dock space and supportive landsket amenities. Project \$5399 also includes incentives to diversify the regional association document in the space of the space and supportive landsket and the space of									
					In the manners, and exploration targets response to an end provide the end provide the religious of the source in the source in the source of									
					In collaboration with the Harrison County Utility Authority and the Mississippi Department of Environmental Quality, the City of Blook will design the discharge collection and treatment project to address projected levels of increased discharge from anticipated seafood industry expansion. Best management practices will be used throughout project implementation and operation.									
	search and ucation	5518	10/17/2016	Elevating the profile of the Mississippi shrimp industry: a post-oil spill Fishery Improvement Project to advance and	Sustainability projects are the status quo in the softood industry. The supply chain is being pressured to provide assurances that the product is sustainably harvested. Policies at companies such as Wal- Mart, Spoc, and Woole Foods are very specific and may block product that cannot demonstrate compliance. Despite being harvested under robust U.S. fibery management, most retailers require induction and work of the software of their minorwenter largest (IPPA).	Harrison,Jackson, Hancock	Yes Yes	No	No Yes	No	No	Yes	\$ 391,073.00 \$	-
				promote the sustainability of the Mississippi shrimp fishery.	This proposal seeks to continue developing a FIP for the Mississippi (MS) shrimp fishery to elevate the fishery4C*s profile following a tarnished reputation from the Deepwater Horizon OII Spill. The project has four terr: All Assessment 34* Sustainability pre-assessments to internationally accepted standards are the basis for FIPs. Some retailers specifically require a Marine Stewardship Council (MSC) assessment. This									
					propert will find an MCG pre-assument and the transition to a MC Comprehensive PRIM ^C (see Conservation Allance for Seebod Solution), GLU.F.h.se recuteits althoridon for a PIO Committee to develops a time board low Fahow									
					threadout, The project will find a date impactor to conduct countery docks, ensuing TIDs and BRDs are properly installed, reducing the rare of sea turk capacity and a the blackhood that filtermene carry non-compliant gates. Let Schwarz be and a countering search for factor TID counters that the schwarz beat to be schwarz beat Balacity Outwards. Twolenellary deviations are countering search for factor TID counters that the schwarz beat to be schwarz beat counters and the schwarz beat to be an end to be an end to be an end to be comments through the number of an end to be an end tob be an end to be									
					branch. Addowner Control of the second seco									
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				-											
Research and Education	5519	11/13/2016	EFFECT OF ANTHROPOGENIC NOISE ON THE HABITAT USE AND BEHAVIOR OF MARINE	Lead Institution:??Mississippi State University (MSU), Mississippi State, MS Collaborating Institutions: Expitute for Marine Mammal Studies (IMMS), Gulfport, MS	Harrison,Jackson, Hancock,St	Yes	No 1	No	No No	No	No	No		\$ 10,000,000.00	s -
			MAMMALS AND SEA TURTLES IN MISSISSIPP WATERS		Tammany										
			THE LEVEL	Project Duration: Byears											
				Project Cost:\$2,000,000 per year (MSU: \$1,100,000 per year; IMMS & NRL: \$900,000 per year)											
				INTRODUCTION:											
				The interaction between anthropogenic (resulting from human activity) sound, marine mammals, and other species has been identified as a key subject both by the Marine Board-European Science											
				Foundation (ESF) and the US National Science Foundation (NSF). While there are no laws or regulations that specifically address the effects of anthropogenic noise on marine life, there are pieces of											
				legislation (e.g., the Marine Mammal Protection Act and the Endangered Species Act) that provide avenues for approaching the issue. Human-generated noise has recently become a concern for the National Oceanic and Atmospheric Administrational "s (NOAA) National Marine Sanctuary Program and has been an ongoing issue outlined in a study conducted by the Ocean Studies Board of the											
				National Academies of Science and Engineering.											
				The Mississippi Guif Coast (MGC) is home to a thriving oil and gas industry, recreational and commercial fisheries, commercial shipping, and military exercises. Still, all of these activities are known to											
				produce anthropogenic sound into the aquatic environment, possibly impacting marine life (Romano et al., 2004; Samuel et al., 2005; Tyack, 2009). Currently, the extent of the impact of sound produced by these industries on bottlenose dolphins (Tursiops truncatus) and KempäC ^{**} s ridley sea turtles (Lepidochelys kempii) in the Mississippi Sound is unknown.											
				The effects of anthropogenic noise on marine mammals are diverse could include hearing loss, alterations in feeding patterns, breeding behavior, and changes in migration patterns (Environmental											
				Investigation Agency, 1998). Anthropogenic sound can also cause masking and threshold shifts in marine mammal hearing. Masking is defined as the level the sound must reach relative to ambient											
				noise before it can be distinguished by the animal. Increased ambient noise levels may therefore at camacka@ounds that are important to marine mammals and other organisms (Richardson et al., 1995; Southall et al., 2000). Both temporary threshold shifts and permanent threshold shifts are the result of an elevation of an animala@"s hearing threshold, as a result of exposure to intense sound											
				(Schlundt et al., 2000). Threshold shifts can alter an organismäC ^w s absolute ability to hear, as opposed to the drowning out of sound, by other sounds seen in marking. Threshold shifts also occur in the presence of ambient noise and marking (Finneran et al., 2000). Threshold shifts may be temporary, during cases in which an animal's hearing ability returns to baseline levels, or they may be											
				permanent.											
Research and Education	5524	12/9/2016	Provide Daily Ocean-Weather reports to local news channel and Harbor Masters	a)The project will provide daily graphic display of Ocean and atmospheric conditions in the Mississippi sound and shelf to the local harbor masters and coastal managers and the public. Ocean- weather includes winds, ocean currents, water quality and clarity (diverát ^{ers} visibility), ocean temperature, water turbidity, and additional ocean conditions at a spatial and temporal resolution not	Hancock,St Tammany,Mobile	Yes	No 1	(es	Yes No	Yes	Yes	10 No		\$ 200,000.00	\$ -
			along the Mississippi coast.	presently available on a daily time schedual. Visual products from these data would be provided from now-cast oceanographic models and satellite imagery on daily bases that can be made public through the University of Southern Mississioni (USM) Ocean Weather Laboratory. Harbor Masters require daily updates to the local ocean conditions so that ships operations can be performed	Jackson,Pearl										
				through the university of southern Mississippi (Usin) ucean Westner Laboratory. Handor Master's require dany updates to the local ocean conditions so that ships operations can be performed accurately and safely. This capability will enhance the costal operations for safety and commercial applications and support the growth of port activity along the cost.	River,Harrison										
				b)Our local coastal community will be provided with local ocean-weather conditions for the Mississippi coastal waters to support commercial utilities such as fisheries, recreational boating, beach											
				conditions, water clarity and turbidity plumes swimming and diving purposes. Ocean weather products will be a major extension of the local weather conditions reported on the television news. Conditions will be reported daily on websites and sent to daily television news. The public will be informed of local ocean conditions, so they can take advantage of present research capability at											
				USM. Public awareness of ocean conditions will increase ocean activities along the Mississippi coastal waters. This capability will provide both improved safety on ocean conditions and improve											
				occupation and activities on our coastlines. Areas for recreation fishing, boating, diving etc, will be improved.	1										
				Local water quality will be reported to the Mississippi Department of Environmental Quality and Department of Marine Resources, so they can inform the news and public about water safety conditions along the coast. Unsafe conditions could be related to public safety for beach users and fisherman include harmful algal blooms or contaminated waters. The Ocean Weather Laboratory at											
				the USM will assemble satellite products and model products to provide a unique capability for visualization of ocean activity in the Mississippi Sound, Shelf and offshore waters. These ocean weather											
				conditions will provide the public a new capability for monitoring and overseeing our coast and provide improved safety and public health response and management operations. These ocean weathe data can be used to support the coast guard for tracking movement of debris and support search and rescue in the Miss sound and shelf.	r										
Research and	5525	1/1/2018	Nature Tourism Proposal for the Mississippi	Tourism and business leaders have realized the necessity of creating an environment of conservation and protection of Mississippia C ^{are} s coastal resources in the wake of the Deepwater Horizon Oil Spill	George,Harrison,	Yes	No 1	(es	Yes Ye	s Yes	Yes	10 Yes		\$ 10,000,000.00	\$ -
Education			Gulf Coast Region: A project and budget plan based on the 2016 process and strategy	In the Gulf of Mexico. A great deal of planning has taken place since 2010 to celebrate the natural beauty and wonder of the Mississippi Gulf Coast. There is an area of opportunity in this region that is a most promising method to protect natural resources and promote environmental stewardship while stimulating new economic development. Across the world, nature tourism is recognized as a	Pearl River Jackson Sto										
			document,	significant effort to provide responsible travel to natural areas and promote conservation. Nature tourists are looking for original and authentic experiences to high-quality environments with	ne,Hancock										
				historical and cultural significance. These travelers are more likely to be well educated and travel often in multi-generational groups with extended families. They are seeking safe, well-connected communities that place emphasis on environmentally and culturally responsible travel with low visitor impact to natural areas.											
				The Final GoCoast 2020 Report, commissioned by the Executive Order of Governor Phill Bryant, included focus of afCorEco-Tourisma@Bo be a substantial initiative for recovery, restoration, tourism, and economic development. In response to the worthwhile efforts of the GoCoast 2020 Final Report, a Nature Tourism Task Force was created and adopted the afCorFramework for Nature Tourisma@Bo											
				November 1, 2013. In its conclusion, the Task Force recommended the Mississippi Gulf Coast National Heritage Area (MGCNHA) to lead a nature-based tourism initiative. In 2015, with funding from the National Parks Service, the MGCNHA reinvisorated this Nature-based Tourism Task Force of nineteen (19) Gulf Coast, leaders, with assistance from the contracted team											
				of Allen Engineering and Science, Gulf Regional Planning Commission, and the Heritage Trails Partnership. This year-long consultation culminated in the recommendations depicted in the 2016 NBT											
				Plan for Coastal Mississippi (NBT Plan).											
				Accepting the charge to implement a nature-based tourism plan, this Mississippi Gulf Coast National Heritage Area - Nature Tourism Proposal for the Mississippi Gulf Coast Region outlines the framework to manage, operate, plan, market, and implement the recommendations with a budget of \$10 million over the next five years. This proposal outlines management and administration,											
				namework to manage, operate, pair, indiker, and imperient the recommendations with a dodget of 520 million over the next rive years. This proposal outlines management, and administration, operations, planning, marketing, and implementation.											
				Management and Administration: The MGCNHA will provide general management, oversight, and coordination of day to day operations for the nature-based tourism program. It will provide											
				leadership to local officials and partners to implement the NBT Plan. Six (6) Area Managers will be chosen by each of the six coast counties to serve as liaisons to ensure that initiatives and priorities for each of the counties are being carried out with consistency, and that established goals are being met.											
				Operations: The MOCNHA will implement the recommendations outlined in the NBT Plan, as they are aligned with the mission of the MGCNHA to conserve, enhance, and promote understanding of the heritage resources in the six counties of the MS Gulf Coast. Office and travel related expenses are included in the proposal.											
				Planning: Years of collaboration between a diverse group of stakeholders, including tourism professionals, small business owners, natural resource experts, Chambers of Commerce, and NGOàC ⁴⁴⁵ s in	1										
				Mississippi culminated in the 2016 Nature-Based Tourism Plan for Coastal Mississippi developed for the six coastal counties. A successful program will benefit the ecological and economic health of	1										
Research and	5526	12/10/2016	Magnolia Bayou Acquisition and	South Mississippi, as well as provide a framework for development in the Mississippi Hills and Mississippi Delta National Heritage Areas. Magnolia bayou is an approximately 87 acre bayou and stream that feeds into the Bay Saint Louis bay. It sits just behind the Froogels and to the east of Dunbar street off of Highway 90. It is relatively	Hancock	Yes	No	No	Yes	Yes	Yes	Yes		s -	\$ - Land Acquisitio
Education			preservation/research center	undisturbed, with homes surrounding the boundaries of the bayou. Hancock County does not have much in the way of environmental education centers, and this would be the perfect location for it. There is a cleared tract of land that sits just off the service road that could serve as the parking lot and educational building location. The educational center will offer classes on the natural											
				environment in Hancock county, tours of the bayou, educational outreach to local schools and groups, etc. This will help bring eco-tourism to Hancock County, start a grassroots educational program	1										
				with the local youth to teach them how to be environmentally conscious from a young age, and to preserve a very important piece of Hancock County for years to come.											
				This project is flexible, but the important part is protecting this land from any future developments and to utilize it to educate our youth. If there are any questions about this proposal please don"t hesitate to contact mel Thank you so much for indulging me in this proposal.	1										
														-	
	5529	2/8/2017	BSL Harbor Pier S	The City of Bay St. Louis (BSL) proposes to construct Pier 5 inside the BSL Harbor located at 100 Jody Compretta Drive, near Downtown BSL. The project consists of permitting and coordination with regulatory agencies, design, bidding and construction of a new 10' wide timber pier with concrete piling associated water and electrical utilities and lighting. The BSL Harbor has proven to be an	Hancock	Yes	Yes	No	Yes No	No	Yes	10 Yes		\$ 1,500,000.00	5 -
tesearch and ducation				economic driver for Hancock County and BSL since it's opening in 2013 and boasts one of the highest occupancy rates of all harbors on the MS Coast. The proposed Pier 5 project will add	1										
														1	1
Education			-	approximately 18 65' wet slips and approximately 25 35'-40' wet slips. These slip sizes represent the size range in most demand, all current slips in this size range are leased to long term slip holders.											
ducation	5532	2/16/2017	Bay St. Louis Public Safety Complex	Public safety complex is proposed to include new city court facilities, police department facilities and shelter. The current police department is located in an existing structure near City Hall which is in need of significant repairs and the current facility can not support the growing and more technologically advanced police department equipment. The new location will be more centrally located to	Hancock	Yes	No 1	No	Yes No	No	Yes	15 Yes		\$ 5,500,000.00	\$ -
ducation	5532	2/16/2017	Bay St. Louis Public Safety Complex	Ablic safety complex is proposed to include new city court facilities, police department facilities and shefter. The current police department is located in an existing structure near City Hall which is in need of inglificant repairs and the current facility can not support the growing and more technologically shounced police department requipment. The new facility will answ its structure that and a structure that any structure are City Hall which is in and adjacent to the weiting free department with was planed to are as dimension. Center for the City. The new facility will also a severe decrease in prisoner among structure that and adjacent to the setting free department with was planed to are as dimension. Center for the City. The new facility will also a severe decrease in prisoner and the City.	Hancock	Yes	No I	No	Yes No	No	Yes	15 Yes	•	\$ 5,500,000.00	\$ -
Education Research and Education				Public safety complex is proposed to include new city court facilities, police department facilities and wheter. The current police department is located in an existing structure near City Hall which is in need of significant repairs and the current facility can not support the growing and more technologically showned police department requipment. The new facility will and the safety of the complex of the safety of th		Yes	No 1	No	Yes No	No	Yes	15 Yes		\$ 5,500,000.00	\$ -
Education Research and	5532		Bay St. Louis Public Safety Complex Land Between the Creeks - land acquisition	Ablic safety complex is proposed to include new city court facilities, police department facilities and wheter. The current police department is located in an existing structure near City Hall which is in need of significant regains and the current facility can not support the growing and more technologically showned police department requipment. The new facility will and will be note centrally located to and adjacent to the existing for department which was planed to acre as faringency Operations Center for the City. The new facility will also a serve decrease in prioreer transport since the city caurt will be co-located with in the police department facility and will provide a centrally located public safety complex and shelter for the Citizens of Bay St. Louis. The Land Between the Crecks (IBT) is a multi properly india city altic to exist policy complex and shelter for the Citizens of Bay St. Louis. The Land Between the Crecks (IBT) is a multi properly india city altic to exist in complex and whether to the Nable Lands to germanenty protect a city and will acquisition opportunity in partnership with The Trut for Public Lands to permanenty protect a city of states and is a state- ter brand Between the Crecks (IBT) is a multi properly india city altic cite in a cited count, Minsingbi, The Paragoula is the user than complex in the lower distates and is a state- ter brand Between the Crecks (IBT) is a multi properly india city cite in a city count, Minsingbi, The Paragoula is the user to modified new in the lower distates and is a state- ter and provide the city count of the city and altic city in a city count, Minsingbi, The Paragoula is the user transfer distates and is a state- ter and provide the context provide the states and is a state-	Hancock Jackson	Yes	No I	No	Yes No	No Yes	Yes	15 Yes		\$ 5,500,000.00	\$ - Land Acquisitie
Education Research and Education				Public safety complex is proposed to include new oity court facilities, police department facilities and wheter. The current police department is located in an existing structure near City Hall which is in need eligiplicant regain and the current facility can not support the growing and more technologically advanced police department requirement. The new location will also access the support the growing and more technologically advanced police department requirement. The new location will also access the support the growing and more technologically advanced police department equipment. The new location will also access the support to growing and more technologically advanced police department equipment. The new location will also a super decrease in phonore support to a factority to access the police department facilities and phone transport to the topic support to the support to the support topic		Yes	No 1	No	Yes No Yes No	No Yes	Yes No	15 Yes	•	\$ 5,500,000.00 \$ -	\$ - Land Acquisition
Education Research and Education				Ablic safety complex is proposed to include new city court facilities, police department facilities and wheter. The current police department is located in an existing structure near City Hall which is in need of significant regains and the current facility can not support the growing and more technologically showned police department requipment. The new facility will and will be note centrally located to and adjacent to the existing for department which was planed to acre as faringency Operations Center for the City. The new facility will also a serve decrease in prioreer transport since the city caurt will be co-located with in the police department facility and will provide a centrally located public safety complex and shelter for the Citizens of Bay St. Louis. The Land Between the Crecks (IBT) is a multi properly india city altic to exist policy complex and shelter for the Citizens of Bay St. Louis. The Land Between the Crecks (IBT) is a multi properly india city altic to exist in complex and whether to the Nable Lands to germanenty protect a city and will acquisition opportunity in partnership with The Trut for Public Lands to permanenty protect a city of states and is a state- ter brand Between the Crecks (IBT) is a multi properly india city altic cite in a cited count, Minsingbi, The Paragoula is the user than complex in the lower distates and is a state- ter brand Between the Crecks (IBT) is a multi properly india city cite in a city count, Minsingbi, The Paragoula is the user to modified new in the lower distates and is a state- ter and provide the city count of the city and altic city in a city count, Minsingbi, The Paragoula is the user transfer distates and is a state- ter and provide the context provide the states and is a state-		Yes	No I	No	Yes No	No Yes	Yes No	15 Yes No		\$ 5,500,000.00 \$ -	\$ - Land Acquisitie
Education Research and Education				Adds darks provides up opported to include new dyspart dalates goald degramment platine and advance to the spanners to locate an advance to the spanners of th		Yes	No I	No	Yes No	Yes	Yes	15 Yes		\$ 5,500,000.00 \$ -	S - Land Acquisitie
Education Research and Education				Addic safety complex is proposed to include new city court facilities, palce department facilities and before. The current police department is located in an existing structure near City Hall which is in rate of significant regain and the current facility can not support the growing and more technologically advanced police department equipment. The new locational libration is and the significant regain and the current facility can not support the growing and more technologically advanced police department equipment. The new location is possible and use of the significant regain and the current facility can not support the growing and more technologically advanced police department equipment. The new location is possible advanced police department facility and use provide agentities and advanced police department equipment. The libration of the Clisters of Bay St. Libration and police department facility and use provide agentities and advanced police department is policy and use and the site of the Clisters of Bay St. Libration and police department facility and use provide agentations. The support has a significant regained some technologically advanced police department is been advanced police department facility and use provide advanced police department of the Clisters of Bay St. Libration advanced police department, between advanced police department, between advanced police department advanced police department advanced police department, librations advanced police department, librations advanced police department advanced police department advanced police department advanced police department deal department deal department advanced police department advanced		Yes	No I	No	Yes No	Yes	Yes	15 Yes		\$ 5,500,000.00	S - Land Acquisitie
Education Research and Education				Addic safety complex is proposed to include new only court facilities, police department facilities and before. The current police department is located in an existing structure near City Hall which is in need of applicant repain and the current facilities, police department facilities and before. The current police department is located in an existing structure near City Hall which is in need of applicant repain and the current facilities was planed to area a finngency Operation Correl for the City. The new facility Hall and the applicant applicant repain and the current police department facilities and planet correl to be context with in the police department facilities and planet correl to be context with in the police department facilities and planet correl to be context with in the police department facilities and planet to the set of the City and the police department facilities and planet correl for the City and the police department facilities and the planet correl for the City and the police department facilities and the correl and facilities and planet to the set of the City and the planet department facilities and the planet department applicant		Yes	No I	No	Yes No	Yes	Yes	15 Yes		\$ 5,500,000.00	\$ - Land Acquisite
Education Research and Education				Addic safety complex is proposed to include new city court facilities, palce department facilities and before. The current police department is located in an existing structure near City Hall which is in rate of significant regain and the current facility can not support the growing and more technologically advanced police department equipment. The new locational libration is and the significant regain and the current facility can not support the growing and more technologically advanced police department equipment. The new location is possible and use of the significant regain and the current facility can not support the growing and more technologically advanced police department equipment. The new location is possible advanced police department facility and use provide agentities and advanced police department equipment. The libration of the Clisters of Bay St. Libration and police department facility and use provide agentities and advanced police department is policy and use and the site of the Clisters of Bay St. Libration and police department facility and use provide agentations. The support has a significant regained some technologically advanced police department is been advanced police department facility and use provide advanced police department of the Clisters of Bay St. Libration advanced police department, between advanced police department, between advanced police department advanced police department advanced police department, librations advanced police department, librations advanced police department advanced police department advanced police department advanced police department deal department deal department advanced police department advanced	Jackson	Yes	No I	No	Yes No	No Yes	Yes No	15 Yes		\$ 5,500,000.00 \$ -	S - Land Acquivite

Research and	5536 3/6/201	Gulf of Mexico Citizen Scientist Initiative:	Introduction	Hancock.Pearl	Yes	Yes	No	Yes	No	Yes	Yes	Yes	\$ 1,711,190.00	s -	Monitorin
Education	9(6/4)1	Sall & Melleko Li Bare Sentetti mitalive: Development (Mobile App for Maline Asecoment (MABAA)	Advances in mobile phone technology have made it possible for citizens to contribute valuable data for ecological monitoring and scientific investigation. Citizen Scientita initiatives harners the massive numbers of people who are sportsmen and women, annaeur antaralista and even the scaul doesvere of nature, to submit observations and data bats accumulate in a paralleled database. These initiatives hardwords opportunities (or for polic) participation in science and have saved to advect material bate contributes of the average data. Thanks to be internet and manar phones, data can be acquired, uplaaded, evaluated, and accessed with amaing rapidity. Weldwide access to these data has served to encourage public participation in biological monitoring and has provided upprecediment opportunities (or collaboration among caretoria). Applying the active access to these data has served to encourage public participation in biological monitoring and has provided upprecediment opportunities (or collaboration among caretoria). Applying the active taxes of the advances of advectoring threads that has the advance obscitty. For these taxes the advance obscitty. For these taxes the advance obscitty in the advance obscitta in the advance obscitta taxe. The advance obscitta is not taxe and the advance obscitta in the save of the advances obscitta in the advance obsc	River								Tes	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		womedrin
			MAMA will allow Gulf Coast citems and visitors to a) global photos, mesurrements, GPS boation and other data regarding speciments they have captured, boatend, and detertiled b) submit photos of endangered/investigation of the main creations of the determination of the species of interest suscessible and regionally, and species in Gulf waters, and e), monther changes in the hand of castal decoxystems and shorting the castal of the species of the state states and the specimes of the species of												
			1) Long-term data acquisition: A particularly valuable sapect of citizen scientisi initiatives is the potential for long-term data acquisition. Data sets longer than a few years are rare in ecology and are screen resident, particularly in marine systems. Once the mobile phone app is developed and distributed, we envision an & & & & & & & & & & & & & & & & & &												
			from academia and professional careers that would love to be involved. However, all interested parties, young and old alike, would be encouraged to participate.												
Research and Education	5540 6/1/201	Tourism Marketing Strategies	This project?"s score would be to develop a tourism marketing strategy that would include the crastion of an interactive whole and attractive brochwin/other marketing materials for placement at ley cloastons to highlight the Chyd ⁴⁴ - ungelop cloasing attraction and the same retainers. The other marketing materials for placement at This informational packet would include a map showing directions to each location. It is anticipated that kools could be strategically placed that would all tourists in finding their desired destinations and to inform of their points of interact. The Cly does not have a chamber of commerce to help with such items.		Yes	No	Yes	Yes	Yes	Yes	Yes	25 Yes	\$ 100,000.00	\$ -	
Resarch and Education	5541 6/1/201	Stepped State Park Recreational and Ecological Enhancement	The Cay of Gatter has assumed the cash operations and management of the 1954 acre park, which is located south of U.S. 90 adrag for genetice back. Creating, the park consists of eight miles of tank, which and of defendent of these amendes and has hosted national arriver to unserver, the set of Sa and S	2	Yes	SO Ves	5 9.000,000.00	\$							
Research and Education	5542 6/1/201	Gauter Town Center (The Commons Park)	The Cay Of Saturdet's Town Carter is located in the Carteral Buonese district, and ginus are carrently being developed for retaining the property of the distriggers. The district of the outloger areas. The proposed development for the bit folds of an eye and an eye of the district of the outloger areas. The proposed development for the bit since been tone down and status interaction to drack in the carter district. The Carter Area is a security being and the carter district of the district of the outloger areas. The proposed development for the bit since been tone down and status interaction to drack in the carter district. The Carter Area is a security down and an eye down and an eye down and an eye down and area is a security of the district of the distr	Jackson	Yes	No	Yes	Yes	Yes	Yes	Yes	80 Yes	\$ 15,000,000.00) \$	
Research and Education	5548 4/12/201	The SEC New Wave Carter for Innovation and Technology	Isolit Bioless Capital Find of MK. Inc., (BEC) is 3.0521 US Opportune of the Trackary Community Development Financial Institution (CMFI) that speciates in thinkary pages and technical statistance for MK bioless and has done on its 1914. As an administrator of several MAD and biolates statistance for MK biology. Biol Statistance for MK biol MRD, Biol Statistance for MK biol MRD, Biol Statistance for MK biol MRD. The Biol MRD and Biol MRD and Biol MRD and MRD and Biol MRD and	Harrison, Jackson	Yes	No	Yes	No	Yes	No	Yes	60 Yes	\$ 7,500,000.00	\$ 250,000.0	0

Reservh and S	5550		"Concrete trates is a neighborhood in Pacegood, Mc located immediately not to Bayou Cacette and a loc Phoney Methodary. This includes a Determined Temper Tex Chemical, MC Phoophase, Neter Marine, Tex. The restarts a locat a policies on data." These these transmissions of industry, FM, MCCL and the CA of Phocagooda. Concern the Phoney Phone	Jackson S	Yes 1	No No	No	No	Yes	No	No	\$ 100,000.00 \$	
Research and 5 Education	5551	5/7/2017 Polinitor Health for Frood, Widdle and Professional Control (1999) Environmental Education	Aniliador teath in bisha and Rund Communities Aniliador teath in bisha and Rund Communities Aniliador teath in bisha and Rund Communities and Rundar Mark in bisha and Rund Communities and Rundar Rundar in bisha and Rundar Rund	George,Harrison, Washington,Perr y,Forrest,Pearl River,Jackson,Mc bile,St Tammany,Stone, Hancock	Yes t	io No	Yes	Yes	Yes	Yes	Yes	\$ 110,000.00 \$	75,000.00
Reserch and 5 Education	5553	\$/15/2017 Buccaneer State Park Feachiny Study	The Missiogli Gulf Cast region has an opportunity for an economic development project combining stature and wildle devices with family entertainment. The proposed project location is Baccareer State Mrk Missioxic Source, and would create a public protein startment by between local and state genomements and the Audioo Matern Institute. Baccareer State Mrk, which is bacen standing of Cart in Wavelend, and expected by Narcan-Bachard and 1000, wild of fite product on the Narcan startment by between the start in the State Mission of Cart in Wavelend, and expected for the Narcan State Mrk Mather Institute. Baccareer State Mrk, which is bacen bacentic start of the Wavelend, and expected by Narcan-Bachard and the Gulf of Matern State Institute. Baccareer State Mrk, which is bacen bacentic state of the State Mrk Mather Mission and State Mrk Matern State Mrk Mather Mission and State Mrk Matern State Mrk Mather Mission and State Mrk Matern State Mrk Matern State Mrk Matern State Mrk Mather Mission and Castae Mrk Matern State Mrk Mather Mrk Matern State Mrk Mather Mrk Mrk Mather Mrk Mrk Mather Mrk Mrk Mather Mrk Mather Mrk Mrk Mather Mrk Mather Mrk Mather Mrk Mather Mrk Mather Mrk Mrk Mather Mrk Mrk Mather Mrk Mather Mrk Mather Mrk Mrk Mather Mrk Mather Mrk Mrk Mather Mrk Mrk Mrk Mrk Mrk Mrk Mrk Mrk Mrk Mr	Hancock	Yes I	No No	Yes	No	No	No	Yes	\$ 400,000.00 \$	
Research and 5 Education	5560	V/IA/2017 Pascagnula Nover Scenic Trail	water truth are marked notes on next-applied waterways to an invers. Typically for properly using mult non-instructed bacts, such as heyds and cances. Typically contract by environmentalists and conversationabilits to concerning environmental adverses. Type have environmentalists and conversationabilits to construct the properly using environmentalists and environmentalists and environmentalists to the surveys the largest by volume unimpeded here in the contiguous 48 states. This project will develop excitatorium opportunities by establishing environmentalists and environmentalists to a construct on the surveys with network of access contract of the develop excitatorium opportunities by establishing environmentalists. The for accessing environmentalists and en	Jackson t	Yes I	io Yes	Yes	Yes	No	Yes	70 Yes	\$ 3,000,000.00 \$	
Research and 5 Education 5	5566	6/22./2012 Presence, Petertuit Source, Behavior and Informe Durupped Commission in Northern Gulf of Mexico Estuarine Systems	In QAA Popular Dia 12221. This project will conduct the first defaulted sediment, surface water, suppended organism matter, and sediment gore water assessment of homonor suppected endotroller discripting denication. (IECC) in here systems. EDCs are natural or synthetic compounds which, even at surce reposed matter early development in vertablents and incursion suppected endotroller discripting denication. (IECC) in here systems. EDCs are natural or synthetic compounds which, even at surce reposed endotroller and are early development. The systems and constraints and cause service. If ECC is the systems. EDCs are natural or synthetic compounds which, even at surce reposed endotroller and are synthetic composition. The origin and are system in vertable to the synthesis and constraints. All the bieves fixed in natural systems. EDCs and exposure are markedly different from were usually thick of exposure to environment constraints. All the bieves fixed in natural systems. Statis and the systems is the system set of exposure are markedly different from were usually thick. Comparent to environment constraints. All the bieves fixed in natural systems. Statis are constraints to the system set of the system set of the system set of early order systems with a set of early system set of the systems of the system set of the systems. Statis are constraints to the systems and the systems and the tomes or productive boxies on the systems and that some estatisment gores. The field dasas distingtion to environment in the systems and that some estatisment gores and the system and that some estatisment gores and the source system and that some estatisment gores and the source seture between systems and that some estatisment gores and the source seture between systems and that some estatisment gores and the source seture is applicable to the source seture seture setures and the source seture setures and the source seture setures and analysis capable of detecting a suparity gores that shows and to ECC exposure seture meth		Yes I	Io No	No	No	Yes	No	No	\$ 2,000,000.00 \$	150,000.00
Research and S Education	5578	6/22/2017 Anthropogenic and Biological soundscape assessment of the Mississippi Sound using passive acoustics	NDAA Project I0813223. Passive accounts is a very versatile tool in studying both anthropogenic (boat traffic, dredging, etc.) and biological (link, marker mammal, invertebrate) sound sources. Long term recorders can be dipolyed with accessing paths among for up to several months a version bication within the MS could to access the presence, remorp and a spatial distribution, and individual to the several months and the several months are accessed and the several months are accessed and the several months and the several months and the several months are accessed and the several months an	Harrison, Hancock, Jackson	Yes f	lo No	Yes	No	Yes	No	No	\$ 60,000.00 \$	

			-									
Research and Education	5579	to guide their protection and conservation	IROM Project IDI3200 Detailed scientific data are loaking for many species of diffibute marke mammals in the Guil of Mexics, to restoration achiets will regular an incremental approach including initial data collection and monitoring, that will vary by species and achiets. Di isothify jointly mices there is an additional relation for monothrom and particular difficultures. The dataleted of those difficultures and built and collection of the strength of the		Yes N	o No	No	No	fes No	No	\$ 5,000,000.00	\$ 450,000.00
Research and Education	5582	6/22/2017 Reduce vessel collisions with marine mammals	NDA Project ID13207: This project will restore open-scann marten mannals by reducing their collutions with vessels in the Guil off Mexica. A program will be developed to understand the nature of marine mannal and use solicitations and version services of a provide market and the project market and the strategies of the scans of bary strikes and their threat to each population of marine mannams. A collaborative partnership with NOAA and the shopping motary will be developed to assess of bary strikes and their threat use and population of marine mannams. A collaborative partnership with NOAA and the shopping motary will be developed to assess of bary will be another issue addressed by this project. Bydeld ⁺⁺ wheles, Balanospitzer eader) are the only radiest balane mains age data the probability of vesses (Datoss, Recreation) and average will be another issue addressed by this project. Bydeld ⁺⁺ wheles, Balanospitzer eader) are the only radiest balane mains age data to the Cul of Marcice (Sadard) where they are estremely rare, and these shallow scottame dating patterns with Risk of their ingiting transport and the for shaped fraced for not the cul of factoscies (Sadard). Here, they are estimately wheles from vessel collisions will be contract the universe that is the straph data of not targe commercial vessels. Berter understanding of how to protect Brydel whates from vessel collisions will be come goal of this project. Data Entered: May 2, 2017 Data Entered: May 2, 2017.		Yes N	o No	No	No	fes No	No	\$ 5,000,000.00	\$ 500,000.00
Research and Education	5583	6/22/2017 Reduce impacts of anthropogenic noise on matine mammals	NOAM Project IDITIZIZ: The gaid of this project is to dentify the source of ocean noise and map their relative influence as stressor of diffuent marken marking, and to projece means for noise militagitors. Ocean online hot GOM has reacted the highest hole marken of anomy pro-or on location, with provide markens the GOM has reacted the highest hole marken of anomy pro-or on location, with provide markens the GOM has reacted by hole hole with an universe markens by the stress of the GOM has reacted by hole hole with an universe markens by the GOM and termines are of overing between high hole levels and noise markens that the case of the case of the goal with the marken markens has the case of overing between high hole levels and noise markens that the addet has been calculated throughout held. GOM and termines are all overing between high hole levels and noise markens that the addet hole hole or case and markens markens has the case to make groupstall models of noise distribution and their exercising hole. Livels and hole hole hole hole hole hole hole hole		Yes N	o No	No	No	fes No	No	\$ 5,000,000.00	\$-
Research and Education	5584	6/22/2017 Reduce Marine Mammal Bycatch in Commercial Fishing Gear	NOA Popici (D1332). Bycach in follow gas is a leading source of motify for manive names, however annual motify of manive names in the GL off Mexico from Idherics hystath is not well understood. GL off Mexico Belows with Noom or potential more mannell hystath (Audor pelacy coling), https://withow pourseine. Bycath in Infore year will be addressed as a collaborative project with NOA and the finling industry. Offshore Gulf of Mexico Stocks that are Insome to be impacted include sourced of Durkes and the state and the finling industry. Offshore Gulf of Mexico Stocks that are Insome to be impacted include sourced of Durkes and the final three reacks of costal bectimes dolphins. Tapped and enhances there is a state of the Durke and the Stock and the Idea of Carloscan bycach will be obtained. At strategy will be developed to address marine mammal bycath in commercial finheries, including potential modifications to finling bardware and methods. Date Entered: May 4, 2017 Date Edited: May 4, 2017		Yes N	o No	No	No	fes No	No	\$ 3,000,000.00	\$-
Research and Education	5585	6/22/2017 Pauloe Acoustic Montering for Open-Ocean Market Mammal Restoration in the Gulf of Mexico	In DAA Project DD13218. An array of the passive asouts monotoring resorders have been deplayed continuously since 2200 in the Culif of Mexico, in response 1 the Deepwater Horizon of light. The struments allow monoting of name manual populations or a variety of pactices (e.g. partices) and the structure tail down monitoring of name manual populations or a variety of pactices (e.g. pactices). A colorised of the structure tail and the structure tail down monitoring of name manual resolution of the variety of pactices (e.g. pactices). Monitoring (PMM effect in the Galf of Mexico constructure of the institute and the structure tail and the structure tail and the structure tail of mexico constructure of the site structure of the structure of the structure tail of the structure tail of the structure of the site structure of the site structure and the structure tail of the site structure of the s	2	Yes N	o No	No	No	tes No	No	\$ 5,000,000.00	\$
Research and Education	5588	6/23/2017 Migratory Species Studies	NDA Project ID12597: Españ doll of Mexico Migratory Species Pathways Mapping and Conservation Project with emphasis on impactory connectivity models in the sub- interfluction of habitary terotoxian credit indicing Pedip Abitars. Exploring Migratory Bahayso (File), Sar Tutes, Marne Marmali, and Jahashi Tutes, Sar Tutes, Marne Marmali, and Jahashi Tutes, Sar Tutes, Marne Marmali, and Jahashi Tutes, Taking Pedip Abitar, Sar Tutes, Marne Marmali, and Jahashi Tutes, Taking Pedip Abitar, Sar Tutes, Marne Marmali, And Vatar Columbia Ling Pedip Abitar, Sar Tutes, Marne Marmali, Aumol, Lawasse The Instation, Sar Tutes, Marne Marmali, Aumol, Lawasse The Instation, Sar Tutes, Marne Marmali, Aumol, Lawasse The Instation and Patel Chanil. Taking the Instation on Lawasse The Instation, Sar Tutes, Marne Marmali, Aumol, Lawasse The Instation, Sar Tutes, Marne Marmali, Aumol, Lawasse The Instation, Sar Tutes, Sar Tutes, Marne Marmali, Aumol, Lawasse The Instation, Sar Tutes, Sar Tutes, Marne Marmali, Aumol, Lawasse The Instation, Sar Tutes, Sara Tutes, Sara Tutes, Sara Tutes, Tute		Yes N	o No	No	Na	fes No	No	\$ 1,200,000.00	\$ 250,000.00
Research and Education	5591	6/22/2017 Centrolised Database for Marine Turtle Flipper and PiT Tags	In DAA Project IDEL201G Objectures - Maintain the Cooperative Marine Turits Tagging Program (CMTTP) - Initiate and maintain an online comprehensive inversive of PT taggins Many programs apporting the management and conversived states under solutions in the Guil of Marces and on convex et Alatics under a work and the market and an other solution and taggers. Alatical appearing the management and conversived states under solution work of Marces and Marces and States and and an orthower at Alatics under a work and the Marces and States and the Conversive Marces and the Marces and States and Alatics waters are installed with the Marces and Marces and States and Marces Takes and States (MMS) to provide a centralized tag database for management purposes (MMS) researces the right to access the CMTP database and to prevent loss of data and duplication of identification codes. In Agril 1996, the management of the CMTP was underref of more Main Linkowards of the States CMTP database and to prevent loss of data and duplication of identification codes. In Agril 1996, the management of the CMTP was and underref of more Main Linkowards of the States Center for State Marces (marces the State Marces and States was a University of Totak states database on Nu ta States and the states and the University of Floats. In central states and campaced with loss of Tipper tags. In States coding and and the Tippe tags bears and tracks and the states and the s		Yes N	o No	No	Na	res Yes	No	\$ 624,030.00	\$ \$1,000.00
Research and Education	5592	6/23/2017 Restoration of New Strategy for the Deep- ses Soft-Instrume Banking Lang term Monitoring to Support Restoration Efforts	Not depend to that the sense of the split on the factors of the number of all of fetebols (2004) counted on period 23.2. The sense of the split of the split on the factors period 23.2. The split of the split on the factors period period 24.2. The split of the split		Yes N	o No	Yes	No	tes No	No	\$ \$2,000,000.00	\$ -
Research and Education	5593	6/23/2017 Assessing the Human Dimensions of Marine Mammal Management	NDAR Project ID12505. In the wake of the welderpread inversionment and enclosing of heads in memory, this character is a strain of the strain strain of the strain strain of the strain strain of the strain		Yes N	o No	No	Na	No No	No	\$ 150,000.00	\$-

Research and Education	5594	6/23/2017 6/23/2017	time from autonomous platforms to reduce	NDA Poject IDII3DG3: The Guif of Maxico is home to a resident population of BrydelC** whales that currently numbers less than 40 individual; and is being considered for listing as an endangered species. Guif Of Maxico BrydelC**, whales are subject to a number of anthropogene. (Hereit, Self and an endance share and a mount of an endance share and the subject of th	Yes	No	No	No 1	to Yes	Yes	No	\$ 750,000.00 \$ 5,000,000.00	5 -	
Education			digital imagery	survey, how been carried out in the two York offbore planning area, an area county #4,000 km2. Two of those survey how complete distants peoreferences of doubt 10 herein and partially available to view those of the survey how control of the survey, two ing data survey, paulity, data she planning in the survey how complete distants peoreferences of doubt 10,000 km2, there if the survey how complete distants peoreferences of doubt 10,000 km2, there if the survey how complete distants peoreferences of doubt 10,000 km2, there if the survey, they control is available to be filtered by garcia, making it possible to associate species presence with sas skylable and other important countrats, after fifth are regard. Although these and may alter important is an available to be filtered by garcia, making it possible to associate species presence with sas skylable to be filtered by survey, they control the garce of the parce of what it where and why. There kinds of data are easkly what are needed in the Gard of Mexico, for the survey how the Gard bias and the survey, where and what is where and why. There kinds of data are easkly what are needed in the Gard of Mexico, for the survey how the Gard bias quarks and the survey. They control the same share and subject is the survey regard. The associate species and maxima and the survey what is the survey what is the survey what is the survey weaks. The camera technology available to the survey events filter. The survey survey filtered to also survey the survey filtered to also survey weaks that are control to the survey weaks that are control to the survey survey filtered to advect the survey survey. The camera technology available to advect filtered to advect the survey survey technology available to the survey survey filtered to advect the survey survey filtered to advect the survey survey technology available to the survey survey filtered to advect the survey survey technology available to the survey survey filtered to advect the survey survey filtered to advect to advect t										
Research and Education	5598	6/23/2017	Stock assusment development to inform Guid Surgeon population status and trends as a baseline to measure PDAPP actions	InDAA hopes(1D132076. The Gulf of Mexics Stugen A Surgen A Surgen a Approver anymhund setool StaGoulf a targenol@ksk inferdem} (bited under the US fordagened Spectra A 1093 by NDAA and USMVS (SRF 4055). Current management with 6 of Gulf stugenon incluse serve in the synthesm and Spectra mark holds as source in early head of AU and USMVS (SRF 4055). Current management with 6 of Gulf stugenon incluse serve in the serve affected by response. Section 5.3.1 af the PADP raise (section 5.5.1) ages markers of Gulf stugenon were sepaceted to Desputer Holdson 0.1, and these fish were affected by response. Section 5.3.1 af the PADP raise (section 5.5.1) ages head to the section of the PADP response to the section of the PADP raise (section 5.5.1) ages the part of the section of the PADP response to the section 5.5.1 ages the part of the section of the PADP response to section 5.5.1 ages the part of the PADP response to section 5.5.1 ages the part of the part of the PADP response to section 5.5.1 ages the part of the PADP response to section 5.5.1 ages the part of the part of the PADP response to section of the part of the PADP response to section 5.5.1 ages the part of the PADP response to section 5.5.1 ages of Staggenon paper to section of the PADP response to section 5.5.1 ages the part of the PADP response to section 5.5.1 ages the part of the PADP response to section 5.5.1 ages the part of the PADP response to section 5.5.1 ages the part of the PADP response to section 5.5.1 ages the part of the PADP response to section 5.5.1 ages the part of the PADP response to section 5.5.1 ages the part of the PADP response to section 5.5.1 ages the part of the PADP response to section 5.5.1 ages the part of the PADP response to section 5.5.1 ages the part of the PADP response to section 5.5.1 ages the part of the PADP response to section 5.5.1 ages the part of the PADP response to section 5.5.1 ages the part of the PADP response to section 5.5.1 ages the part of the PADP response to section 5.5.1 ages the part of the PADP respons	Yes	No	No	No 7	la No	No	No	\$ 340,000.00	\$ 50,000.00	
Reserva and Education	5611	6/23/2017	An accounts: standing alert system for the Gulf Coast	In DAA Poper (D13260: Marine meaned strateling occur regularity in the Gilf of Meetics, but strateling intervated substantially after the Deep Water Horizon (DW) of split. Proc DWs, strander doctocotts (poper later) weeks and dophing weeks and substantial weeks and substantial weeks and substantial weeks and dophing weeks and substantial weeks and substantial weeks and dophing weeks and substantial weeks and weeks and substantial weeks and substantial we	Yes	No	No	No 1	KD Yes	No	No.	\$ 900,000.00	\$	
Research and Education	5619	6/27/2017	Phase I Land Acquisition for speaked and grand Bay WMR, Refs. Grand Bay Preserve, and Graveline Bay Preserve	This effort each to permanently protect lunds identified by the US Fib and Wildlife Service and the State of Musikopita or other for exploition and fore given and agroupment at both Good Bay and Service Bay. The project wild add agroupmently CFI Parts to the State OWD areas carrently under used and managed by the UVWS and the State of Musikopita at Carao Bay and Goodine Bay. These acquisition will add critical casatal lands to the Good Bay WWN/RIM/RIM/Perserve and the Good Bay	Yes	No	No	Yes h	lo Yes	No	No	\$ 4,905,000.00	S - Land Acquis	Lion
Research and	5621	7/3/2017	Long term accustic monitoring of colonial waterbirds and shorebirds	NDAR Popic DB1227. Coloni atterbrint, hickling several listed goes and species of local and regional concert, next in large colones aboye the hower listed and protection for a concellation of the entropy of the en	Yes	No	No	No T	KD Yes	Yes	No	\$ \$80,000.00	\$	

				-													
Research and Education	5622	7/3/2017	Acoustic devently assessment of officine and sola balakatic attaction by fohes and membranes and the consequences of its use in neurabox existion using and placement	INDAR Popic IDE 1222: Nucl of the and used for popics are sourced from infinite, natural and shear in the OCS. Send shear habitat has been identified any positive finite finited agreement in mortering in a mortering in the popic of a sense in a distribution of the source. Acoust Legging Lawreng Camero aurops and ether randomized in the highly visuable, provide only periodic engipacities finite and intertribution in the mortering of a sense in a distribution of the source and the randomized in the source and the source and the randomized in the source and the randomized in the source and the	Harrison, Jackson	n Yes	No	No 1	io No	Yes	Yes		•	S 1,500	.000.00 \$		
Research and Education	5625	7/6/2017	Improved and/or Expanded Assessments of Trans-Boundary Marine Mammal Stocks	INDM Project (DB1220: Many matter mammal stacks that account in U.S. waters allo range or nigrate their international waters of thesise, Cubas and the Carbobary matter mannal stacks is provided with the start of		Yes	No	No 1	lo No	Yes	No	h	•	\$	- \$	-	
Research and	5630	7/6/2017	Regional training for standardized marine mammal and sea furthe data collection and reporting	In DAA Project DI 1229. Morine marmands, sea function, fail, and invertorates can be affected by episodic and characic events stemming from natural cace by environment, however, offen the data standard being marked being in a domination of the two les gas level rinks, caces additation, events the high marked being in the data standard being marked being. This denies have not relates the data standard being marked being in the data standard being term. However, offen the data collected on marker species in highly denies and as an offen the data collected on marker species in highly denies off as an offen the data collected on marker species in highly denies off as an offen the data collected on marker species in highly denies off as an offen the data collected on marker species in highly denies off as an offen the data collected on marker species in highly denies off as an offen the data collected on marker species in highly denies off as an offen the data and being and the version of the data and utility across projects, or reals in mixed of the data standard. The includes training, the species will assess the park and heat the highly denies that as an offen the data standard. The includes training, the species will assess the park and heat the standard taxos in the level of the standard assess on highly denies data and scenes. John denies data collection of standard taxos in the data off the standard assess. The species will cause the term off the state offen the data standard that can be the standard taxos in the data off the standard taxos that are started the and the standard taxos that the data standard tax the data standard taxos that the data denies domarks. Specific modules to training parker will cause the term offen the data standard that can be term offen that and standard the data standard. The data standard the data standard that can be conserved market data standard the parket will all denies the data standard the data standard the area be reastered denies denies that the data offendent oparatitie		Yes	No	No İ	io No	No	No	5	0	\$ 750	.000.00 \$	•	
Research and Education	5631	7/6/2017	Designation of Debots and Minusippi Canyons as Marine Protected Areas	noAA hopes (D11252). Dedice and Missinging Carpens provide important habits for Brydell ⁴ , ⁴ what and germ whates, much for for the control of of Missing Carpens and partice characterial logs water needed on a control of the control of the Missing Carpens and Agence characterial logs water needed on some control of the Missing Carpens and Agence characterial logs water needed on the Gill (South material logs) water needed on the Gill (South Missing Carpens and Agence characterial logs) water needed on the Gill (South Missing Carpens and Agence characterial logs) water needed on the South Missing Carpens water a stress of the South Missing Carpens and Agence characterial logs) water needed on the South Missing Carpens and Agence characterial logs water needed on the South Missing Carpens and Agence characterial logs). South Carpens and Agence characterial logs water needed water, and a the south de advisor of the South Missing Carpens and Agence characterial logs water needed water. Agence and the south de advisor is a the south de advisor of the South Missing Carpens and Agence characterial logs water needed water. Agence and the south de advisor is a the south de advisor is a south as a		Yes	No	No 1	io No	Yes	No	h	0	\$	- \$	-	
Resert and Education	5638		Reducing Red Snapper Discards Using a Collaborative Fahermen's Quota Bank	INDAX Project DB122% This project uses an existing Guoda Bank to guartify and and red snapper bytchs in the commercial groupset feithing hitery. The Deregater involves over homeral and guodater involves over homeral fide snappet relations over homer		Yes	No	No 1	io ho	Yes	No	5				-	
Research and Education	5639	7/12/2017	Reproductive output of sea turnle nexts on remote beaches in the Gulf of Mesico	BOAK Populat CID 11214. Most and yearben in the Golf Marcin (Golf) are surroyed for sac tunin entry activity by agencias evolutione groups. Incoverse have been appendixed on the Golf and and the standard base and the social base tunin entry appendixes recommends basebase, particularly appendixes on the Golf and the standard base and the social basebase to activity appendixes recommends basebase, particularly and and Golf and the foreign standard basebase and the social basebase to activity appendixes recommends basebase and the social basebase to activity appendixes recommends basebase and the social particular basebase basebase basebase to activity appendixes recommends and the social basebase basebase basebase to the social basebase ase basebasebase basebase ase basebasebasebasebasebasebasebasebasebase	Monroe County,Franklin County,Jackson County,Harrison County	Yes	No	No 1	lo No	No	No	N	0	\$ 1,500	.000.00 \$	-	

R	tesearch and	5640	7/12/2017	Reduce impact to sea turtles in the US Gulf	NOAA Project ID#13287: Audubon Nature Institute will work to reduce the impact to sea turtles in the US Gulf of Mexico through turtle excluder device (TED) education and implementation assistance	e Jefferson,	Yes	No	No	No		No	No	N	, ,	\$	\$ 340,000.0	00 \$ 9	90,000.00	
E	ducation			of Mexico	in the shrimp fishery. Funding of this project will contribute to the continued recovery of sea turtles, especially KempåK ^w s ridleys, in the Gulf of Mexico, by reducing the impact of fisheries on these populations. A major threat to the sea turtle population in the Gulf of Mexico is unittened catch by fisheries. Sea turtle habitats overlap with the Gulf of Mexico shrimp fishery and incidental capture	Chanbers, Galveston.														
					populations. A major time to the sea turitie population in the our of wexco is unintense cation by instenses sea turitie nabitation wexco simplify the second sea turitie population in the our of wexco is unintense cation by instenses sea turitie nabitation were sea turitie and the wexco simplify the many threats to their recovery. Since the 1980s. TEOs have been required in other travit that fish offshore, but not in skilmmer travits that	Brazoria														
					typically fish in shallower waters. TEDs have been proven to reduce sea turtle mortality and NOAA studies indicate proper compliance with the upcoming TED regulations will lead to as many as 2,500	Matagorda,														
					turtles protected annually (NOAA 2016). As part of this project, Audubon Nature Instituteât ** Gulf United for Lasting Fisheries (G.U.L.F.) plans to host industry workshops to educate fisherman about	Jackson, Victoria,														
					the new rule, and coordinate dock days to ensure TEDs are installed properly to increase the number of sea turtles protected in the Gulf of Mexico.	Calhoun, Refugio														
					Date Entered: May 15, 2017	Ransas, San Patricio, Nueces,														
						Kleberg, Kenedy,														
						Wilacy, Cameron														
						in Texas,														
						Cameron, Vermilion Iberia														
						Vermilion, Iberia, St. Mary,														
						Terrebonne														
						Lafourche,														
						Jefferson,														
						Plaquemines, and St														
						and St.														
			7/13/2017												_					
R.	tesearch and ducation	5642	//13/201/	Reducing Bycatch of Marine Mammals in Commercial and Recreational Fisheries	NOAP rise to basic provide the finite grant of the rest of the res	if.	res	NO	NO	NO		res	NO	140	,	5		2		
					or hooks, or otherwise impacted by fishing gear. Bycatch is the greatest direct cause of marine mammal injury and death in the United States and around the world. Bycatch of marine mammals in Gu of Mexico commercial fisheries has the potential to prevent the recovery and restoration of marine mammals that have been reduced as a result of the Deepwater Horizon oil spill, including															
					bottlenose dolphin (all stocks). Atlantic spotted dolphins, pantropical spotted dolphins, pygmy sperm whales, Risso's dolphins, and short-finned pilot whale. Fisheries of particular concern include the															
					menhaden purse seine, shrimp trawi, shark gillnet, pelagic longline, reef fish, and charter boat/headboat fisheries. Studies are needed in the following areas: - The identification of measures that can															
					be used to reduce bytatch of marine mammals in high priority Gulf of Mexico commercial and recreational fisheries while maintaining the economic viability of those fisheries. Measures to investigate and test could include, but are not limited to, alternative fishing gear and fishing methods, time-area restrictions, and removal of lost or derelict fishing gear (i.e., traps, pots, and gillnets). • Ways to															
					reste consisting of the intervence of memory of the second s															
					species, and the Gulf of Mexico marine ecosystem. Date Entered: MAy 15, 2017															
	tesearch and	5646	7/14/2017	A combined physical, behavioral, and	NOAA Project ID#13188: Western population segment Gulf Sturgeon (GS; natal to the Pearl and Pascagoula rivers) appear to be recovering at a slower rate than those in the east. Of all GS populations	Formert	Yar	No	No	No	No	Vor	No				\$ 1.100.000.0	00 ¢		
R	ducation	5646	//14/2017	A combined physical, behavioral, and demographic approach to identify Gulf	the Pascapoula River population is estimated to be the smallest (about 220 adults). The U.S. Fish and Wildlife Service often uses the 3-R framework (representation, resiliency, and redundancy) of	County,Clarke	Tes .	NO	110	NO		res	n0	N		\$	\$ 1,100,000.0	,o \$		
E				Sturgeon spawning sites in the Pascagoula	Schaffer and Stein (2000) to assess population recovery. Resiliency of a population is associated with the size and demographics that describe subpopulations (segregated sawnine) and redundancy.	f County														
				River: characterizing what is known to	Schaffer and Stein (2000) to assess population recovery. Resiliency of a population is associated with the size and demographics that describe subpopulations (segregated spawning) and redundancy or subpopulations to spread extinction risks. Currently, only one spawning site is known for the Pascagoula River population (no spawning sites are known for the Pear River), located in the Boule River	1														
				inform the unknown	(a tributary of the Leaf River), but other spawning sites likely occur in the Chickasawhay River. This site was roughly characterized but demonstrated differences compared with spawning sites															
					reflective of eastern population segment GS having outcoppings of stand/cay rather than limestone. Before any restoration project begins, the crucial question of accessible and can be demonstrated and the stand stand begins that are we restoration to access the stand st	1														
					must be asked. For the Pascagoula River GS population, spawning habitats represents a key knowledge gap in asking that question and in answering if this population is resilient and redundant. To overcome this knowledge gap and inform restoration we advance four objectives: 1: Characterize the Boule River spawning site in terms of bottom hardness and steepness; sediment grain size,	1														
					some control is an analysis of the system of															
						Б														
					10 and 5 year tags) for ongoing projects. 2: Deploy acoustic receivers at potential spawning sites in the Leaf and Chickasawhay rivers using data gathered in Objective 1 and previous suggestions. (Heiss et al. 2004). If GS are detected, the same habitat metrics as in Objective 1 will be quantified. Once quantified, a multivariate approach will be used to reduce the dimensionality of the data such that															
					et al. 2004). If GS are detected, the same habitat metrics as in Objective 1 will be quantified. Once quantified, a multivariate approach will be used to reduce the dimensionality of the data such that															
					the ecologically informative parameters can be used to help identify spawning sites in other systems (e.g., Pearl River). 3: Using genetic data collected for this project and archived samples collected since 2010, we will a) perform parentage and kinship analyses to quantify relatedness among juveniles, b) determine the relative importance of individual parents to juvenile GS recruitment, and c)															
					ance a day, see and you have been a service of the															
					reproductive hormones to provide sex-ratios and the sex of potential spawners to better interpret the parentage analysis results. We propose obtaining genetic data from juveniles (rather than															
					collecting eggs) to avoid removing potential recruits from the population. The combined genetic and sex data will provide data on the resiliency of this population. 4: Synthesize data from Objectives	L-														
					3 to provide resource managers with information on redundancy of GS spawning habitat within the Pascagoula River watershed. These data can inform restoration and conservation measures that															
					directly benefit GS recovery and monitor any such efforts. We anticipate this will be a collective assessment with state/federal partners. In the best scenario, the Pascagoula River population will have															
					multiple spawning sites (redundant sub-populations) such that restoration projects could be implemented to improve habitat quality. In the worst scenario, the only spawning site for this population is in the Boule River, and restoration efforts would focus on protecting this site. Date Entered: May 15, 2017															
					is in the bodie weet, and restoration enors would locus on protecting this site. Date entered, way 15, 2017															
	lesearch and																			
n .				to form in a contraction offerstering the	MOAA Designat (DB191910). Adjustment (Privat exception of exception or exception exception exception exception (Private Action of exception exception exception).	Maniana Cauata	¥	N.a.	Ma	No		V	Ma				2 585 000 0	10 ¢		
E	ducation	5647	7/14/2017	Informing restoration efforts in the Mississippi Sound: Quantifying Gulf Sturgeon	NOAA Project ID#13110: Mississippi Sound currently has a variety of planned, ongoing, or completed habitat restoration projects (e.g., living shorelines, island restorations, oyster reef replenishment), and comeensatory restoration projects (artificial reefs). All of these are within federally designated, critical habitat for Gulf Sturgeon (GS), and habitat for important coastal pelagic finitish (Mackerel).	Harrison County, Hancock County.	Yes	No	No	No	No	Yes	No	N	,	s	\$ 2,585,000.0	\$ 00	-	
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and	and compensatory restoration projects (artificial reefs). All of these are within federally designated, critical habitat for Gulf Sturgeon (GS), and habitat for important coastal pelagic finitish (Mackerel, Red Drum). These projects have the potential to alter habitat characteristics (sediment composition, water quality, macroinvertebrate abundance) important to these fish. Restoration efforts require		Yes	No	No	No	No	Yes	No	N	,	s	\$ 2,585,000.0	\$ 00	-	
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and coastal pelagic finfish habitat use with	and compensatory restoration projects (artificial refs). All of these are within federally designated, critical habitat for Guif Surgeon (65), and habitat for important coastal pelagic finlish (Mackerel, Red Drum). These projects have the potential to alter habitat characteristics (sediment composition, water quality, macroinvertebrate abundance) important to these fuits. Restoration offlors require assessment for potential impacts on these species (e.g., loss or conversion of foragin public), specially condition of to surgeon the sediment and the site related to a Shabitat dependency is derived from	Hancock County,	Yes	No	No	No	No	Yes	No	N	,	\$	\$ 2,585,000.0	00 \$		
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and	In do comparatory restorators projects (priftical reefs), 410 these are within federally designed, critical healts for call Stuggers (SS) and healts for impacts costal pedge fields) Modernel, 460 hum, 145 expects have the potential order to have have have a straintistic (adverser comparison), water quality, nonconvertexinat abundance) important to heas (have have a straintistic (adverser comparison), water quality, nonconvertexinat abundance) important to heas (have have a straintistic (adverser comparison), water quality, nonconvertexinat abundance) important to heas (have have a straintistic (adverser comparison), water quality, nonconvertexinat abundance) important to heas (have a straintistic (adverser comparison)), water quality, nonconvertexinat abundance in the storem of the stor	Hancock County,	Yes	No	No	No	No	Yes	No	N		s	\$ 2,585,000.0	00 \$		
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and coastal pelagic finfish habitat use with	and comparatory restorators projects (priftical reefs), 410 these are within federally designed, critical health of call Stuggers (SS), and health of the prime constraints) (additional constraints) (additional constraints) (additional constraints)) (additional constraints))) (additional constraints))) (additional constraints))) (additional constraints)))) (additional constraints))))))))))))))))))))))))))))))))))))	Hancock County,	Yes	No	No	No	No	Yes	No	N	>	S	\$ 2,585,000.0	00\$		
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and coastal pelagic finfish habitat use with	and comparatory restantion projects (priftical reefs), Al of these are within federally designed, critical healts of cull Stageon (SS), and healts for impacting calls) for the set of the	Hancock County,	Yes	No	No	No	No	Yes	No	N	2	\$	\$ 2,585,000.0	00 \$	-	
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and coastal pelagic finfish habitat use with	In do comparatory retaration projects (priftical reefs), 4.0 "these are within federally designed, critical healts of cull Stuggers (SS), and healts for impaction costal pedge finth Muckere), Aed Churn). These projects have the potential of alter healts duratives (adverse) for the projects and the provide strategies of the project and the project a	Hancock County,	Yes	No	No	No	No	Yes	No	N-1	,	s	\$ 2,585,000.0	00\$	-	
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and coastal pelagic finfish habitat use with	In do comparatory restoration projects (prifical refs), Al of these are within feering' designed, critical healts of cull' Stargers (SS), and healts of the most costal pelage (Infici) Muckere). All do turn). These projects have the potential or lark healts that hearts (is defined comparison); water quality, monoirvethealts abundles of potential impacts to these species (e.g., loss occurrents) (segment down); for SJ. Unfortunater, most of the science related to Shahlat dependency is derived from work in their assessment ange, and may not be explained to subtain its free set. Shahlat science (Faster Q) (Shahlat the abundles of this project are to device health specific scopancy patterns for GS and other costal pelage. Infini, Muchanel, Meet abundles are possible to any science health specific scopancy patterns for GS and other costal pelage. Infini, Muchanel, Meet abundles are possible to any science health specific scopancy patterns for GS and other costal pelage. Infini, Muchanel, Meet abundles are possible to any science health specific scopancy patterns for GS and other costal pelage. Infini, Muchanel, Meet abundles are possible to any science health specific scopancy patterns for GS and other costal pelage. Infini, Muchanel, Meet and patterns of the any science health specific scopancy patterns for GS and other costal pelage. The mostary and patterns in the most and patterns in the mostary and patterns in the mostary and patterns in the mostary and patterns in the pattern patterns in the anterns contrasterne free potentian pelantistic and patterns in the scope and the patterns in the mostary and patterns in the scope and the patterns in the scope and the sc	Hancock County,	Yes	No	No	No	No	Yes	No	Per	2	s	\$ 2,585,000.0	20 \$	-	
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and coastal pelagic finfish habitat use with	In do comparatory restoration projects (prifical meth), All of these are within feeting/ designed, critical habits for Gulf Stargerd (SL), and habits for impacts could applied from the designed of the set o	Hancock County,	Yes	No	No	No	No	Yes	No	N	2	s	\$ 2,585,000.0	20 \$	-	
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and coastal pelagic finfish habitat use with	In do comparatory restoration projects (prifical meth), All of these are within feering' designed, critical healts of cull' Stargers (SS), and healts of important coastal pelage finish (Mackerel, Aed Durum). These projects have the potential of bark healts that neutriss (Lediment composition, water quality, macinovirenteinst aubancel) important to these finish for theorem of the assessment for potential impacts to these species (e.g., loss or conversion of foraging habitat), specifically (or SC. Unfortunater, most of the science related to Shabitat sheerdeform work in their casters many, and may not be explained to sub-yoothermalitatis in the west. All foldationally, anticid careford for more than the science related or soft of the project are to describe habitat-specific concarance patterns for GS and other coastal pelage finish (Mackerel, Keel CasterCaster), west of the project are to describe habitat-specific concarance patterns of GS and other coastal pelage finish (Mackerel, Keel CasterCaster), west of the project are to describe habitat-specific concarance patterns for GS and other coastal pelage finish (Mackerel, Keel CasterCaster), west of the project are to describe habitat-specific cocurance patterns for GS and other coastal pelage finish (Mackerel, Keel CasterCaster), west of the project to an other composition that that the normal coastal pelage finish (Mackerel, Keel and the more than the part of the coastal pelage finish (Mackerel, Keel Mackerel, Mackerel, Mackerel, Mackerel, Mackerel, Mackerel, Keel Mackerel, K	Hancock County,	Yes	No	No	No	No	Yes	No	N	2	s	\$ 2,585,000.0	30 \$	-	
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and coastal pelagic finfish habitat use with	In do comparatory restoration projects (prifical refs), Al of these are within feering designed, critical holists of cull Stargers (SS), and holists of impacts castal pelges (Infish Modere), ded Dum). These projects have the potential of lark holist at horizers (Sc) index (SS), and holists of impacts castal pelges) in the specifical pelges to any short horizers (SS), and holists of impacts of the specifical pelges to the specifical pelges to any short holists in the wark (SS) and SS) and SS (SS) and SS (S	Hancock County,	Yes	No	No	No	No	Yes	No	N		s	\$ 2,585,000.0	30 \$	-	
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and coastal pelagic finfish habitat use with	In do comparatory restoration projects (prifical refs), Al of these are within festing' designed, critical holists of cull' Stargers (SS), and holists of impacts castal pelges (Initial Modere), ded forum). These projects have the potential of ther holist that horists (selfered comparison), water culling monormiterations absorbed impacts and the special pelge in the holist of international efforts require assessment for potential impacts to these special (e.g., loss occurrence) of foraging habital; specifically for SS. Unfortunately, more of the science related to Shabitat dependency is defined from work in their assessment mage, and may or be exploables to shy down that habits in in everal. Allocations, and final end projects may enhance habitat for constraints of the science related to Shabitat dependency is defined from south in their assessment and the potential in the science of the science related to Shabitat dependency is defined from south and the science related to science related to science related to the science related to Shabitat dependency is defined from specification and the science related to	Hancock County,	Yes	No	No	No	No	Yes	No	Pac.	5	s	\$ 2,585,000.0	30 \$	-	
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and coastal pelagic finfish habitat use with	In do comparatory restoration projects (prifical meth, Jul of these are within feering designed, critical habits for Gulf Stargerin (SG), and habits for imposite the test backets) inder that the designed of the second starget in this Mackerni, Jul designed of the particular prior to the second starget in this Mackerni, Jul designed of the particular prior to the second starget in this Mackerni, Jul designed of the particular prior to the second starget in this Mackerni, Jul designed of the particular prior the second starget in this Mackerni, Jul designed of the particular prior the second starget in this Mackerni, Jul designed of the particular prior the second starget in this Mackerni, Jul designed of the particular prior the second starget in the second sta	Hancock County,	Yes	No	No	No	No	Yes	No	N	5	Ś	\$ 2,585,000.0	30 \$	-	
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and coastal pelagic finfish habitat use with	In do comparatory restoration projects (prifical refs), Al of these are within feering designed, critical habits for Gulf Stargers (GS), and habits for breast costal pelge (infish (Mackers), ded turn). These projects have the potential of their habits that instratis (caliform composition, water quality, monority wheth abitado molecular pelge (infish (Mackers), ded turn). These projects have the potential of their habits in the west, failed babals, in the end of the potential inpacts to mess special (e.g., loss conversion of foring tablet); specifically (or GS. Unfortunate), more of the science rates of babits of babals science (e.g., QS babits the objectives of this project are to denote habits specific scopano patterns for GS and other castal palge (infish (Mackers), degrees of this project are to denote habits specific scopano patterns for GS and other castal palge (infish (Mackers), degrees of the project are to denote habits specific scopano patterns for GS and other castal palge (infish (Mackers), degrees of the project are produced and denote habits in the west, and () provide a declosing specific (infish) (Mackers), degrees of the project are the denote habits specific scopano patterns for GS and the castal palge (infish (Mackers), degrees of the project are produced and denote habits in the west, specific (infish) (Mackers), degrees of the project are the denote habits specific scopano patterns (infish) (Mackers), degrees of the project are produced and denote (infish) and the scope (infish) (Mackers), degrees of the project are produced and denote (infish) which are particles of the marks such relations execution produced and the grade (infish) (Mackers), defined the scope (infish) (Mackers), defined the	Hancock County,	Yes	No	No	No	No	Yes	No	No.	2	s	S 2,585,000.0	30 \$		
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and coastal pelagic finfish habitat use with	In do comparatory restoration projects (prifical meth). All of these are within feering designed, critical habits for cull Stagger (SS), and habits for imposite prior to the set habits for another the set of t	Hancock County,	Yes	No	No	No	No	Yes	No	Sac	2	\$	S 2,585,000.0	10 \$		
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and coastal pelagic finfish habitat use with	In do comparatory restoration projects (prifical meth), All of these are within feering designed, critical holists of cull Surgeor (SS), and holists of thoract costal pelogic finds) Modernel, accessment for potential impacts on their space (Lag and Carlos and Carl	Hancock County,	Yes	No	No	No	No	Yes	No	Pac.	2	s	\$ 2,585,000.C	30 \$		
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and coastal pelagic finfish habitat use with	In do comparatory restoration projects (prifical meth). All of these are within feering designed, critical habits for cull Stagger (SS), and habits for imposite prior to the set habits for another the set of t	Hancock County,	Yes	No	No	No	No	Yes	No	Side Side Side Side Side Side Side Side	2	s	\$ 2,585,000.0	30 S		
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and coastal pelagic finfish habitat use with	In do comparatory restoration projects (prifical meth), All of these are within feering designed, critical holists of cull Surgeor (SS), and holists of thoract costal pelogic finds) Modernel, accessment for potential impacts on their space (Lag and Carlos and Carl	Hancock County,	Yes	No	No	No	No	Yes	No	54c	2	s	\$ 2,585,000.C	30 S		
E		5647	7/14/2017	Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and coastal pelagic finfish habitat use with	In do comparatory restoration projects (prifical meth), All of these are within feering designed, critical holists of cull Surgeor (SS), and holists of thoract costal pelogic finds) Modernel, accessment for potential impacts on their space (Lag and Carlos and Carl	Hancock County,	Yes	No	No	No	No	Yes	No	Die e	2	S	\$ 2,585,000.C	30 S		
Ē		5647		Missiego Sound, Quantilying Griff Sturgers wirter forsging hosting cocyanny and constal pelagic finitish habitat use with passive acoustic technology	In do comparison resonances (c) specifical refs). All of these are within feering designed, critical holistar for cull Suggeor (G), and holistar for houses are designed and the specifical refs). All of these are within feering holistary is assessment for potential impacts to there specific [2, and the	Hancock County,	Yes	No	No	No	No	Yes	No	54 54	2	s	5 2,585,000.0 5 1,000,000.0 5 1,000,000.0		-	
Ē	ducation			Missispip Sound: Quarkhying Gold Sourges winter foreign behalt orceganery and contai perger finish habitat use with parane acoustic technology	In do comparatory restoration projects (priftical meth). All of these are within feering designed, critical habits for Gulf Surgering (SG), and habits for impacts (priftical meth). All of these are within feering habits (priftical habits for GULF surgering (SG), and habits for impacts (priftical meth). All of these are within feering habits (priftical hybrid) (price). Understanded for the specifical hybrid habits (priftical hybrid) (price). The specifical hybrid habits (priftical hybrid) (price). The specifical hybrid	Hancock County,	Yes	No	No	No	No	Yes	No	94 94	2	s			-	
E	ducation			Missiego Sound, Quantilying Griff Sturgers wirter forsging hosting cocyanny and constal pelagic finitish habitat use with passive acoustic technology	In do comparison resonances (percent particular resh, Julia) of these are within feedrally designed, critical holistic of cull Staggers (GS), and holistic for impacts could apply of the percent of the resonance	Hancock County,	Yes	No	No	No	No	Yes	No Yes	Pác Pác	2	s				
E	ducation			Missispip Sound: Quarkhying Gold Sourges winter foreign behalt orceganery and contai perger finish habitat use with parane acoustic technology	In do comparatory restoration projects (perficial meth). All of these are within feering designed, critical habits for cull Suggest (SS), and habits for impacts (setting designed, critical habits for cull Suggest (SS), and habits for impacts (setting designed) in protein the setting designed (setting designed) in the setting designed (setting designed) is the setting designed (setting designed) in the setting designed (setting designed) in the setting designed (setting designed) is the setting designed (setting designed) in the setting designed (setting designed) is the setting designed (setting designed) in the setting designed (setting designed) is the setting designed (setting designed) is the setting designed (setting designed) in the setting designed (setting designed) is the sett	Hancock County,	Yes	No	No	No	No	Yes	No	P4:	2	s s			-	
Ē	ducation			Missispip Sound: Quarkhying Gold Sourges winter foreign behalt orceganery and contai perger finish habitat use with parane acoustic technology	In do comparatory restoration projects (perficial meth). All of these are within feering designed, critical habits for cull Suggest (SS), and habits for impacts (setting designed, critical habits for cull Suggest (SS), and habits for impacts (setting designed) in protein the setting designed (setting designed) in the setting designed (setting designed) is the setting designed (setting designed) in the setting designed (setting designed) in the setting designed (setting designed) is the setting designed (setting designed) in the setting designed (setting designed) is the setting designed (setting designed) in the setting designed (setting designed) is the setting designed (setting designed) is the setting designed (setting designed) in the setting designed (setting designed) is the sett	Hancock County,	Yes	No	No	No	No	Yes	No Yes	Per	2	s s			-	
E	ducation			Missispip Sound: Quarkhying Gold Sourges winter foreign behalt orceganery and contai perger finish habitat use with parane acoustic technology	In do comparatory restoration projects (priftical meth). All of these are within feering designed, critical habits for cull Stagger (SG), and habits for imposite prior the babits of the projects (priftical meth). All of these are within feering habits (prior CS), update habits (for imposite prior the babits) (prior CS), update habits (for imposite prior the babits) (prior CS), update habits (for imposite prior the babits) (prior CS), update habits (for imposite prior the babits) (prior CS), update habits (for imposite prior the babits) (prior CS), update habits (for imposite prior the babits) (prior CS), update habits) (prior CS), update habits (prior CS), u	Hancock County,	Yes	No	No	No	No	Yes	Yes	Pér		\$			-	
E R E	ducation			Missispip Sound: Quarkhying Gold Sourges winter foreign behalt orceganery and contai peage finitish habitat use with parane acoustic technology	In do comparatory restoration projects (perficial meth). All of these are within feering designed, critical habits for cull Suggest (SS), and habits for impacts (setting designed, critical habits for cull Suggest (SS), and habits for impacts (setting designed) in protein the setting designed for the protein all mays to these species (Eq., loss conversion of forget habits), specifically for SC. Understander, more of the science related to Sublast dependency is derived from designed for the protein all mays to these species (Eq., loss conversion of forget habits), specifically for SC. Understander, more of the science related to Sublast dependency is derived from designed for the protein all mays to one-stored regions. The protein all mays to one-stored regions (SG), and the dependency is derived from designed for the protein all specifically (setting designed) (setting des	Hancock County,	Yes	No	No	No	No	Yes	Yes	Per Per Per		s s s			-	
Ē	ducation tesearch and ducation			Missing Sound: Quantifying Gold Sturgers wired Forsign behavior coupany and contral peraget fields habitat use with passive acoustic technology passive acoustic technology Restoration through reducation: raising maximum about the largest habitat of the Call of Mexico - the depressio	In do comparatory restoration projects (priftical refs), All of these are within feering designed, critical habitat for call Stagger (GS), and habitat for impacts on the space (priftical refs), All of these are within feering prices (priftical refs), All of these are within feering prices (priftical refs), All of these are within feering prices (priftical refs), All of these are within feering prices (priftical refs), All of these are within feering prices (priftical refs), All of these are within feering prices (priftical refs), All of these are within feering prices (priftical refs), All of these are within feering prices (priftical refs), All of these are within feering prices (priftical refs), and (priftical r	Hancock County,	Yes	No No	No No No	No	No No No	Yes No	No Yes No	Pe Pe		\$ \$ \$		200 \$	-	
E RE	ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	and comparatory restorators projects (prifical nets), All of these are within feering designed, critical holts for cull Sugger (G), and holts for impacts on the species (price) have the gottern to break in h. Restoration efforts require a descent of the projects have the posterior of the science related to the holts of the critical efforts require a descent of the posterior of the science related to the holt of the critical efforts require a descent of the posterior of the science related to the species (price) have the posterior of the science related to the scien	Hancock County,	Yes Yes Yes	No No	No No No	No No	No No No	Yes No	No Yes No	Pa:	2	\$ \$ \$	\$ 1,000,000.¢	200 \$	-	
E R R E E E	tesearch and ducation	5649	7/14/2017	Missing Sound: Quartifying Golf Sturger wiref Forging head to corpany and contail peage finitish habitat use with peaker acoustic technology environment of the second state of the Golf of Mexico - the deep-sea Comprehensive stewardship of foreeding	 In domentator, restoration projects, jurifical methy, All of these are within feering designed, critical habitat for call Suggest (6), and habitat for momentation endots require the designed of the production of the specific lay of t	Hancock County, Jackson County	Yes Yes Yes	No No	No No	No No	ko Ko No	Yes View View View View View View View View	No Yes No	94 94 94 94	2	s s s	\$ 1,000,000.¢	200 \$	-	
Е 	tesearch and ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	 In domentator, restoration projects (perficial meth), All of these are within festing designed, critical habitat for call Suggest (S), and habitat for momentation causal pelage finds). Molecule, idea down, interprojects have the potential of the status of the action of	Hancock County, Jackson County	Yes Yes Yes	No No	No No No	No	ko ko ko	Yes No	No Yes No	N N N N N N N N N N N N N N N N N N N	0 0	s s s	\$ 1,000,000.¢	200 \$	-	
	tesearch and ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	In do comparatory restoration projects (priftical meth). All of these are within festing locality degraded, critical histats for call Stagger (GS), and histats for methods and provide the setting of the provide the setting locality and locali	Hancok County, Jackson County n Harrison County, Mellion Carety, Yenthoon Carety, Yenthoon	Yes Yes Yes	No No	No No No	No No	ko No No	Yes No	No Yes No	N N N N N N N N N N N N N N N N N N N	9	s s s s	\$ 1,000,000.¢	200 \$		
E R R E E E	tesearch and ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	 In domentator, restoration projects, jurifical methy, All of these are within festing locality dependent, circle if Suggert (G), and habitat for myour estimation of the specific light o	Hancock County, Jackson County Martine County Harrison County, Mabile County, Jeffrom Parith, Garetoon Parith, Garetoon	Yes Yes Yes	No No	No No No	No No No	ko ko ko	Yes No	No Yes No	N N	2	\$ \$ \$	\$ 1,000,000.¢	200 \$		
E R R E R E	tesearch and ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	In do comparatory restoration projects (priftical meth). All of these are within festing locality degraded, critical histats for call Stagger (GS), and histats for methods and provide the setting of the provide the setting locality and locali	Hancok County, Jackson County n Harrison County, Mellion Carety, Yentboon Carety, Yentboon	Yes Yes	No No	No No	No No	No No No	Yes No	Vo Yes No	N N N N N N N N N N N N N N N N N N N	3 9 9	s s s	\$ 1,000,000.¢	200 \$		
E 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	tesearch and ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	 In decomparatory restoration projects (perfactal meth). All of these are within festing decample, decid if suggest (G), and thatter for moments coastal pelage finds (Muckern, Med Coasta), and the set of proteins and provide the set of the s	Hancock County, Jackson County Harrison County,Mabile County,Lefferon Parish, Streboom Parish, Streboom	Yes	No No	No No No	No No	No No	Yes No	No Yes No	N N N N N N N N N N N N N N N N N N N	9	s s s s	\$ 1,000,000.¢	200 \$		
E 	tesearch and ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	 In domensatory restoration projects (prifical meth). All these are within festing/ designed, critical histats for call Suggest (S), and histats for material masks to these species (p, p, so crowns on for agree histat), specifically for SC. Uterbursteely, most of the science related price of the specifical masks to these species (p, p, so crowns on for agree histat), specifically for SC. Uterbursteely, most of the science related price of the specifical masks to these species (p, p, so crowns on for agree histat), specifically for SC. Uterbursteely, most of the science related price of the specifical masks to these species (p, p, so crowns on for agree histat), specifically for SC. Uterbursteely, most of the science related price (minitory) and the science related price (minitory). These specifical distributions (minitory) and the science related price (minitory) and the science related price (minitory) and the science related price (minitory). These science in the science related price (minitory) and the science related price (minitory) and the science related price (minitory). These science minitory (minitory) and the science related price (minitory). T	Hancock County, Jackson County Harrison County,Mabile County,Lefferon Parish, Streboom Parish, Streboom	Yes Yes	No No	No No	No No	No No No	Yes Yes	No Yes No	N N	2	s s s	\$ 1,000,000.¢	200 \$		
E R R E R E	tesearch and ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	 In domentator restoration projects (prifical meth). All these are within festing/ designed, critical histatis for call Suggest (S), and histatis for protein largests to methy specific largests and second methy specific largests and specific la	Hancock County, Jackson County Harrison County,Mabile County,Lefferon Parish, Streboom Parish, Streboom	Yes Yes	No No	No No No	No No	No No	Yes No	No Ves No	90 94 94	2	s s	\$ 1,000,000.¢	200 \$		
E 	tesearch and ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	 In domentator, restoration projects, (prifical neth), All of these are within festing locality appendix, with a labitar for dif Suggeri (S), and habitar for protein all marks to these species (p, p), ession of the species (p, p), ession (p, p), ess	Hancock County, Jackson County Harrison County,Mabile County,Lefferon Parish, Streboom Parish, Streboom	Yes Yes	No No	No No	No No	Ko Ko Ko	Yes No	No Yes No	N N N N N N N N N N N N N N N N N N N	2	\$ \$ \$	\$ 1,000,000.¢	200 \$		
E	tesearch and ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	 In domainstor, restoration projects, lartical meth, J. All these are within festing locality specifically for GL total stages (GL), and haltar for impacts of the status for distribution of distribution of the status for distribution of distribution of the status for distribution of distributio distribution of distribution of distribution of distribution	Hancock County, Jackson County Harrison County,Mabile County,Lefferon Parish, Streboom Parish, Streboom	Yes Yes	No No	No No	No No	No No	Yes Yes	Yes Yes	50 50 50 50 50 50 50 50 50 50 50 50 50 5	0	5	\$ 1,000,000.¢	200 \$		
E	tesearch and ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	 In domentator, restoration projects, (prifical neth), All of these are within festing locality appendix, with a labitar for dif Suggeri (S), and habitar for protein and second protein the second second protein and second protein the second second protein and protein and second protein and protein a	Hancock County, Jackson County Harrison County,Mabile County,Lefferon Parish, Streboom Parish, Streboom	Yes Yes	No No	No No	No No	No No No	Yes Xo	No Yes No	90 96 96 96	2	s s s	\$ 1,000,000.¢	200 \$		
E R R E R E	tesearch and ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	 In domainstor, restoration projects, jurifical methy, All of these are within festing locality appendix, actual plang finds habitat for call Staggers (S), and habitat for managers (S), and habitat for plant and the plant of the status of the	Hancock County, Jackson County Harrison County,Mabile County,Lefferon Parish, Streboom Parish, Streboom	Yes Yes	No No	No No No	No	No No	Yes No	No Yes No	N N N N N N N N N N N N N N N N N N N	2 2 2	\$ \$ \$	\$ 1,000,000.¢	200 \$		
E 8	tesearch and ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	 In domentator, restoration projects, lartical methy. All these are within festing locality appendix, water aught, monosity these absolution) importunt to these fulls. Restoration efforts require a large set in the species large is a conversion of locality paper labelity, specifically for SC. Utilizational monosity the set absolution of the species large is a conversion of locality paper labelity. Specifically for SC. Utilizational monosity of the species large is a conversion of locality paper labelity. Specifically for SC. Utilizational monosity of the species labelity is a conversion of locality paper labelity. Specifically for SC. Utilizational monosity of the species labelity is a conversion of locality paper labelity. Specifically labelity for SC. Utilizations and labelity is a conversion of locality paper labelity. Specifically labelity for SC. Utilizations and labelity is a conversion of locality paper labelity is a conversion of local specifical has conversion has a conversion of local specifical has a conversi	Hancock County, Jackson County Harrison County,Mabile County,Lefferon Parish, Streboom Parish, Streboom	Yes Yes	No No	No No No	No No	No No	Yes Yes	No Yes No	N N	2	s s s	\$ 1,000,000.¢	200 \$		
E R R E R E	tesearch and ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	 In domentator, restoration projects, lartical methy, All of these are within festingly designed, critical histatis for call Suggest (S), and histatis for protein largests to methy again call of the state of the statests (Lederes Compositions, water outily, monoritewistents abuardows) important to these fully. Statust dependency is driven from optimized on the species (Lag, Los or conversion of for against histatis (Lederes Compositions, water outily, monoritewistents abuardows) important to the status of the statuse related to the status of the statuse related to the status of the sta	Hancock County, Jackson County Harrison County,Mabile County,Lefferon Parish, Streboom Parish, Streboom	Yes Yes	No	No No	No No	No No No	Yes Yes	Ves No	N N	2	\$ \$ \$	5 1,000,000.¢	200 \$		
6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	tesearch and ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	 In decomposition restoration projects (perfaind methy. All of these are within festing logging babits), specifically for GL (individually, most of the science related to the specific logging. Individually, and the specifical logging babits (perfaind) in the science related to the specifical logging babits), specifically for GL (individually, most of the science related to the specifical logging babits), specifically for GL (individually, most of the science related to the specifical logging babits), specifical log GL (individually, most of the science related to the specifical logging babits), specifical log GL (individually, most of the science related to the specifical logging babits), specifical log GL (individually, most of the science related to the specifical babits is performed in the science related to the specifical babits is performed in the science related to the scienc	Hancock County, Jackson County Harrison County,Mabile County,Lefferon Parish, Streboom Parish, Streboom	Yes Yes	No	No No No	No No	No No	Yes No	No Ves No	N N	2	\$ \$	5 1,000,000.¢	200 \$		
E R R E E	tesearch and ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	 In domainstor, restoration projects, jurifical methy. All of these are within festing locality appendix, write unity, monosity these that about the total the start of the actions in the species large funds (Mackers, Mackers, /li>	Hancock County, Jackson County Harrison County,Mabile County,Lefferon Parish, Streboom Parish, Streboom	Yes Yes	No	No	No No	No No No	Yes No	No Yes No	90 94 96	2	s s s	5 1,000,000.¢	200 \$		
6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	tesearch and ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	 In decomposition restoration projects (perfaind methy. All of these are within festing logging babits), specifically for GL (individually, most of the science related to the specific logging. Individually, and the specifical logging babits (perfaind) in the science related to the specifical logging babits), specifically for GL (individually, most of the science related to the specifical logging babits), specifically for GL (individually, most of the science related to the specifical logging babits), specifical log GL (individually, most of the science related to the specifical logging babits), specifical log GL (individually, most of the science related to the specifical logging babits), specifical log GL (individually, most of the science related to the specifical babits is performed in the science related to the specifical babits is performed in the science related to the scienc	Hancock County, Jackson County Harrison County,Mabile County,Lefferon Parish, Streboom Parish, Streboom	Yes Yes	No No	No	No No	No No	Yes Ves	No Ves No	50 State 1 Sta	2	\$ \$ \$	5 1,000,000.¢	200 \$	-	
	tesearch and ducation	5649	7/14/2017	Missings Sound: Quantifying of Stugges where foreign behavior coupany and contail perage fields habitat use with passive acoustic technology Restoration through education: raising assuremes; about the largest habitat of the Guilf of Mexico- the deep-sea Comprehensive stawardship of freeding	 In domainstor, restoration projects, jurifical methy. All of these are within festing locality appendix, write unity, monosity these that about the total the start of the actions in the species large funds (Mackers, Mackers, /li>	Hancock County, Jackson County Harrison County,Mabile County,Lefferon Parish, Streboom Parish, Streboom	Yes Yes	No	No	No	Ko Ko No No	Yes Yes	No Yes No	90 90 90 90 90	2	s s s	5 1,000,000.¢	200 \$		

Research and Education	1 5659	Re	gh Resolution Mapping of mesophotic efs in the Gulf of Mexico	NOA Project IDE1330. Understanding the detailed quality, quantity and spatial distribution of marine habitatis enhances our ability to manage human and natural resource activities to support sustainability, conduct restoration and marinari system function. Maps have a valer range of applications in management, planning policy, research and restoration. For to BMM, map products, such indexed and applications with the second second and the second second and protein second and restoration and restoration. For the SMM, map products, such indexed and applications will exhibit a habitation and implementation planning. This process will fully lowerge with the NALASSIG in Habitatian and Water indexed and applications and marine planning applications in habitatian and uncertain and planning applications and mapping planning applications and marine planning applications in habitatian and uncertain applications and marine planning applications and mapping planning applications and marine planning applications and implementation planning applications and marine planning applications and mapping planning applications and marine planning applications applications and marine planning applications applications and marine planning applications applications and marine planning applications applicatio		Yes No	No N	o No	No Yes	N	5	\$ 5,000,000 \$ 2,000,000.00	
Research and Education		So Mi	search to Determine Gulf of Mexico undscape and Effects of Sound on Marine ammals	NOAR Project DE11323: The Gulf acro of the not heavy industrialed bolies of water in the world, with numerous sound-producing human activities, nchange commercial shopping, all and gus development (holdwide) guerinis tudies, justices memoryla including to the user of polybolicy, activation sound and training operations and training. Exercises sound can cause disruption of important namine mammal behaviors, and diff at door anged Psynological injury. Exercise sound can also mask biologically important sounds, including communication on all between individuals of the same species. Research is needed to demonstraine. The Gulf of Moders' counded gave a for door in the Gulf and acaccetist accound investigation. The direct, indirect, and cannicate effect of human-caused sound on namine mammak and their pray species. Date Entered: May 15, 2017		Yes No	No N	o No	Yes Yes	N	5	\$ - \$ -	
Research and Education	5661	So	Inlinizing Effect of Human Sources of und on Gulf of Mexico Marine Mammals	NOAR Project DB133d2. Excess sound levels have the potential to prevent the recovery and restoration of marine marming appulations that have been reduced as a small of the Deepwater invitance on gill, paintaining hypermakine, Maye's whates, and between order links, makaness have and been reduced as a small of the Deepwater invitance of and gas exploration and decommissioning learning and explosive for platform removals, and military training extinties (note and explosition). But the effective and and gas exploration and decommissioning learning and explosive for platform removals, and military training extinties (note and explosition). But the effective measures have to been shared that the explosition of the effective and explosition measures of activities that are particularly harming of the visit on measure currently exist. Mitigation should be trained for the different species and operating conditions that docur in the Guil. Measures could include, but are not limited to, sub equiving measure currently exist. Mitigation should be trained for the different species and operating conditions that docur in the Guil. Measures could include, but are not limited to, sub equiving measure currently exist. Mitigation should be trained for the different species and operating conditions that docur in the Guil. Measures could include, but are not limited to, sub equivalent measure currently exist. Mitigation should be trained for the different species and operating conditions that docur in the Guil. Measures could include, but are not limited to, sub equivalent measure currently exist. Mitigation should be trained for the different species and operating conditions that docur in the Guil. Measures could include, but are not limited to, sub equivalent measure currently exist. Mitigation should be trained for the different species and operating conditions that docur in the Guil. Measures could include, but are not limited to, sub equivalent measure dark effective and reliable accounts add (such as passive accounts constroin		Yes No	No N	o No	Yes Yes	N	5	\$ - \$ -	
Research and	i 5662	7/21/2017 M	esophotic reef habitat enhancement.	NOAR Project DE113B. The 2010 Desputise friends (Weide) of pall in the Guid of Mexico (2004) is one of the largest industrial accelents or to occur in 15% accelents. Lettervise decontamination activities, bateris consume, molitation of mericon accel parts accelents in the State of Herman Court (10% accelents in the State). The State S	e	Yes No	No N	o N≂	Yes Yes	N	3	\$ 9,700,000.00 \$	
Research and Education	d 5663	Re	storation of Mesophotic and Deep Sea efs using novel method, and maximum st efficiency	NDAX https://doi.org.spine.tpsine.tpsine.tpsin		Yes No	No N	o No	Yes Yes	N	2	\$ 3,260,000.00 \$ -	
Research and Education	i 5666		olf of Maxico Deep Water Column	NOAR Project DE1358. The Desparater Horizon Of Spill DWHOS) highlighted the lak of baseline data for desp ocean ecceptem in the Gulf of Mexico (GoAR) Of the GoAI open ocean holdback, the deep water column is for the Inspirat difference of the DWHOS) highlighted the lak of baseline data for desp ocean. To the Versite of DWHOS (D) highlighted the lake of baseline data of the versite data of the versite data of the versite data of the Versite of DWHOS (D) highlighted the lake of baseline data of the versite data of the ver		Yes No	No N	o NO	Yes No	N	2	s 6,900,000.00 s	
Recent and	i 5667	su re: Mi	past af water quality conditions on hemrografe succivery station for opping ourcess for the northeastern Gulf of excloses ¹⁰ is njured thr, marine manmal, d fah populations	mixed A type: CRE 1352: The proposed attribute detectly defaults that CRE And Cope Occum Trid galaxi of proteining and reacting that that CRE Trid Trid Trid Trid Trid Trid Trid Trid	Jackon County,Scambia Rosa County, Guif County, Farall County, Waten County, Waten County, Waten County, Waten County, Waten	Yes No	NO N	o NS	Yes No	N		5 600,000,00 5 -	

Resert and	5668		Genetic and chemical indications of population health secondry, and resilience in the Guilf of Mexico	INDA Project (DB13400. The primery aged of the project data to continue motioning appulations head of water column this and invertebrate communities from the spane scales (0-500 m) of both dots of generational or data (periodizional type) interactive, using periodic and available densing interdional term in the single access (0-500 m) of the dots and adapt or data (periodizional type) interactive, using periodic analysical chemical methods. This information is critical of understanding the recovery, mailtions can do the emit- sonescence of the DWHOS on heading environment, the environment is instanding of understanding the recovery, mailtone can do the emit- onescence of the DWHOS on heading environment. The environment is instanding of understanding the recovery, mailtone can do the second of the answer of operative instances and analysical chemical term is polarized in using for data many second environment is instanding of understanding and and can be applied to an a single data (periodic data) and and and a second term is a second term is a second term in the periodic data of a device of a		Yes No	No	No Ro	Yes	No	No	S	2,400,000.00 :	ş -	
Research and Education	5669	7/24/201	Gulf of Mexico Open Ocean Trophic Ecology Program	NDAX Project IDE13207: The objected of this project is to assume in chell the traplet connections of finker, epokapoda, and crutateana (noton, collectively) inhabiting the opi, moo, and battyroplater; enjores the GoAM using tables to the GoAM using tables to the collective transmitter in the advectory. Interview of the traplet connections of finker, epokapoda, and crutateana (noton), collectively) in the northern GoAM. Stable traplet collective during provides and transmitter in the other of the collective transmitter in the collective transmitter traplet collective transmitter transmitter traplet collective transmitter		Yes No	No	No No	Yes	No	No	S	475,000.00	\$ -	
Research and Education	5672	7/24/2013	Adaptive malagement for sustainable faibleer and appyram restoration in the Guil of Mexico.	Not An equation 101217 - Conventional single-geden is and accurate detaining of - find stack is experienced gradeout mining prosting (norm in our enhance). If the stack is been reduced to low experience in the start is a certain the state intervention of the state is a start in the state intervention of the state is a start in the state is a		Yes No	No	No No	Yes	Yes	No	\$	1,800,000.00	ş .	
Research and Education	5673	7/24/201	Guif of Mexicos survey of finiting pier related as a turtle interactions	In DAA Project ID13346 This restantion project facuas on reaking bycach of set studies in per-based restances of previous to implement tanking by an agent survey on filming perin the Go of Markov (source) developed and of project could be called by a set of project to all the studies of the Markov (source) and the Markov (source) (source) and the Markov (source) (sou		Yes No	No	No No	Yes	Yes	No	ŝ	400,000.00	\$ *	
Research and	5676	7/24/201	Over Hand MU, Hebita Restoration Project, Deer Hand Multi Asset Restoration Project Area	In DAA Project DB111d2Dorowneys The goal of this project to offer Missingled ⁴⁴ upging 200-orby, costard holds loss. The digitcher is to ender during the standard boal to be induced to be provide a standard on the distribution of the distribu	Jackson County	Yes No	No	No No	Yes	No	No	\$ 5	0,000,000.00	\$	

Research a	od 5677	7/25/2017	Sea turtle and mammal mortality locations	NOAA Project ID#13477: This project will increase sea turtle survival through enhanced mortality investigation and early detection of and response to anthropogenic threats. Strandings are often the	DURDATOUT	Yer No.	No	o No	Var	No	No	 \$ 375,000.00 \$ -
Education	5677	1/25/2013	de a core ano marima meruny ocudoro	why waky earling indicate for as as mortality of as turking, and can be used to help identify mortality sources (see Themes interactions & weat thirds), showerd, escources of the tables of themes interactions & and thirds). Howerd, escources is a table of the second transfer interaction is a set of table is assembly because many factors informed weather or on a carces will strate and be exported. These factors indicates in the dark time of years, properties to account of the second transfer is a set of tables is assembly because than y factors in a set of the dark transfer scales on	numerous	16 10			TES	NU	ΝU	3 37,00000 3 -
Research a	nd 5688	7/28/2017	Instructura of Guil of Mexico polygic and broad scale fishering addressing movement ecology data needs	In DAA hopest DB1312? The project will use multiple tracking technologies, as well as the integrated Tacking of Aquatic Anomais in the full of Honce sectored (TaCe) and ereasent provide (TaCe) to cellate important data (Affalcular of moustice) as ease with tracking output header methods. The Grad opest will be without the motion as bacareli, greater amberging (Servise) data (Servise) and Servise) and Servise (Servise) and Servise) and Servise (Servise) an		Yes No	No b	D NO	Yes	Yes	No	5 5.000,000 00 5 -
Research a		7/28/2013	Integrative Data Infrastructure for Gulf of Mexico Mesopholic and Deep Benthic Habitat Auseument and Restoration	NOA Project IDF1387: OBICTIVES - Build, enhance, and expand upon existing federal data management infrastructure for mapping, video analysis, and habitat ustability modeling of deep sea carafts to test support understanding and returnation of mesphotic and deep beaches biogenic habitats - support the collection and analysis of new information from Guil restartation of the Guild Monte and analysis of new information from Guil restartation of the Guild Monte and analysis of new information from Guil restartation and analysis of new information from Guil restartation and analysis of new information from Guild Protection efforts. MIOALEM Monphot can deep as cara labitate strate and provide to the Stability of the Stability and deep assoc (Stability and deep assoc). The program volta caracter information from Guil restartation and the strateget and restartation from Guil restartation and the strateget and restartation and the strateget and the strateget and the strateget and transplant caracters. The Program volta caracters (Stability and Guild Monte) and analysis of the Stability and deep assoc (Stability College) assoc (Stability College) and analysis and analysis and analysis of the strateget and transplant caracters and the strateget and transplant car		Yes No	No 1	5 NO	Yes	Yes	No -	\$ 10,000,000 00 \$ -
Research a Education	nd 5691	7/28/2013	A demonstration project to rokuto bluefin and se turtie by buch increasing the set depth in the Guilf of Mexico (IGAM) pelagic longine fishery.	IROAM Project IDEL388: The proposed project will restore of both blandin runs and sea turtles through the reduction on broatch in the palagic longine inflaver, the Teod Mas become an are of concern due to the brycath motify of granups blandin runs in the directed velocific turbus and project turbus blands. The project will restore a run of concern due to the brycath motify of granups blandin runs in the directed velocific turbus blanding. ISOS: Restarch conducted by KNAM-Restarch runs blanding in the the palagic congent that runs blanding in the search and the state of the search conducted by KNAM-Restarch runs blanding in the search and the state part of the search conducted by KNAM-Restarch runs blanding in the search and the state parts of the search conducted by KNAM-Restarch runs blanding and the runs blanding in the search blanding increase that call to range the state of the state of the search runs blanding and the search blanding increase that call to range that search runs blanding and the state parts of the turb and call to the blanding. Restarch runs blanding and the state of the		Yes No	NO N	o No	Yes	No	No	\$ 2,500,000 00 \$ -
Research a Education	ind 5707	8/1/2017	Baseline School and Federal Rod and Real Physics (are interactions with Protected Species	IDAL Project (DB1587: The project would gather baseline information necessary to inform finum restoration to induce lebal interactions between real and relative special (e.g., variatizet and where mannish). The project would usery rescular align gather the setup leage of an effect field gate and protected special special interaction with rold and leage and provide setup effects and protected special interactions. These interactions are problematic for both the anglers and the animality. The project would usery rescular align gates and the special special interactions with rold and relations are problematic for both the anglers and the animality. The project and anglers and the provide special special interactions with rold and relations for arritical provide and the object and "to fragments". For provide the object and "to fragments" interactions with a special		Yes No	No N	e No	No	Yes	No	5 750,000.00 \$ -
Research a Education	ind 5710	8/1/2017	Removal of derelict fishing gear around popular shore-fishing sites (piers and jetties)	ROAK Project (DU13G8: Through this project, NOAI Intends to recover untenerged develocit/abendence finites gans from payoriar fored heavity used hore based more labeling locations. Develop agent periodical more intentional set of the set of t		Yes No	No N	o No	Yes	No	No	\$ 225,000.00 \$ -
Research a Education	nd 5721	8/4/2017	DWH Long-term Renning Action Analysis: Ocean the Mapping	ROLA Populat (DITAIS): Conduct anticipation exclusions with regional ocean experts to capture community parametrizes about corean space, and to core in capture distributions there disting intercommon excensions (http://http://www.energ.about.e		Yes No	No N	• No	Yes	Yes	No	5 3.000,000 00 5 -

				-										
Resert and	5725	8/10/2017	Develop najed response techniques and advanced technologies to enable rapid austiment of deep sea coral community codogs.	NOAA Project ID13517: Deep seaselement hava (Infauna) represent important components of teamits bedrevery in a provide seasential excrystem functions including addiment biotrubation, or arganic interf decomposition, and energy transfer. However, doet the inselective influence and own mobility, industrues, including hydrocarbon continuation and arganic interf decomposition, and energy transfer. However, doet the inselective influence in a down mobility, industrues, including hydrocarbon contamistion and arganic entropy teams of the inselective influence in the inselective influence in high throughput cancing the analysis of the inselective influence in the inselective influence inselective i		Yes b	io N	io Ni	No	Yes	Yes	No	\$ 11,000,000.00 5 -	
Reserts and Education	5728	8/10/2017	Documenting temporal charge in deep-sea contra addiment community structure and function in order to track long-tem responses to natural and nathrogogenic disturbance and inform future restoration activities	IOAA Project ID31255. Benit: fama provide exemit accounter survices, including nutrienr cycling, biomas production, and dummet biotrubation, and a total song for the biodiversity has been correlated with an exponential decision is consystem anvices. Sedimating including any enterement protocal models and protogenic distructions constrained by the sedimetary lifestyle and their paid response to change, thus, examining these communities had proteon unsuful in impact accessments of contait and deterprogramic distructions contait and deterprogramic distructions of the impact accessments of contait and enterprogramic distructions communities while communities while distructions and the compared total contained and be advected on the impact accessments of contait and enterprogramic distructions of the impact accessments of contait and enterprogramic distructions are tables of the impact accessments of contait and enterprogramic distructions are tables of the impact accessments of the contait access of the impact accessment of the impac		Yes b	io N	io No	No	Yes	Yes	No	5 30,000,000,00 S	
Research and Education	5729		Harrison County Sheriff's Department Training Academy	The terminor Causity bendl's Department Training Andemy is All unrote training gasatemy that offers basic certifications and alwanced occurs is normanications, currentized and the exactive is a collaborative partnership between the terminor county bendl's Department of a collaborative partnership between the terminor county bendl's Department of a collaborative partnership between the terminor county bendl's Department To any All and the source to all the partnership of a collaborative partnership between the terminor county bendl's Department of a collaborative partnership between the terminor county bendl's Department to alter by table set to the comparison of a device completion of the parents that any Blanch between the terminor counter of the training Causity in the dia of a la capacity. The terminor counter the terminor te	Harrison	Yes N	io N	io No	Yes	No	Yes	90 No	\$ 5,000,000.00 \$ -	
Research and Education	5730	8/16/2017	40 Meters and Landward: Assessment, Montonierie, and Adaptive Management for Gaif of Mexico Casala Docan, Estuartine, and Repartmen Habitoti	NOAK Project ID12532: This project uses novel tabelits technology to proved cataliantic habitat a discover of approximately diameters water disph access that is molutable for over any location regularity. Its using project uses novel tabelits technology to proved cataliantic habitat a dispersive of distribution of where a work regularity cancels, mainter annualue for effective, trapprised restoration phones, project motioning, and obarring (post hereign) responses tas a variety of pressures. Many special cates that, its molutable for distribution of where a work regularity and the strapping of the provide strapping of the pressures. Many special cates that, its molutable for distribution of the strapping carbon basis or even restrapping mericing and parametric distribution of where a work regularity and examine the strapping of the pressive for the strapping carbon basis or even restrapping mericing. The strapping carbon basis or even restrapping mericing the strapping carbon basis or even restrapping mericing and the strapping carbon basis or even restrapping mericing and and and the strapping carbon basis. The strapping carbon basis or even restrapping mericing and the strapping carbon basis or even restrapping mericing and the strapping carbon basis or even restrapping mericing and the strapping carbon basis or even restrapping mericing and the strapping carbon basis or even restrapping mericing and the strapping carbon basis or the strapping carbon basis or the strapping carbon basis or even restrapping mericing basis data task tasks and the present data data tasks that and tasks tasks tasks and tasks tasks tasks and tasks tasks tasks and tasks tasks tasks and and tasks tasks tasks and tasks tasks tasks and tasks tasks tasks tasks and tasks tas		Yes M	io N	40 N.G	NO	Yes	No	No	\$ 5,000,000.00 \$ -	
Research and Education	5734	8/16/2017	Dolphin Conservation Mobile Education/ Outreach Exhibit	IOAA Project ID13270 This project involves developing a mobile current had deviation exhibit that evolution the Gulf Statest to educate respirates and exitotions and built that evolutions the Gulf Statest to educate respirates and exitotions and built that evolutions are constructed in usace. The advance includes exerctions finderman, buokow, percentrolized and one nontrotest encreational usace) and that project usace and that the advance includes and evolutions and that the advance includes and evolutions and that the advance includes and the project usace and that the advance includes and that the advance includes and the project usace and the advance and the project usace and the advance and that the advance includes and the advance and the project usace and the advance advance and the advance and th		Yes N	io N	io No	No	Yes	Yes	No	\$ 500,000.00 \$ -	
Research and Education	5735	8/16/2017	Marine Mammal Conservation Print Ads in Tourtom & Trade Magazines	IOAA Project IDNI257: Yrint and in sourism magazines can sometime be effective to in reaching large addresses with the datie to breaker at with musine memoral the well. Understanding magazine defining adsounded and and approach addresses and and in the back of a reagazine that well well with other addresses and a sint the back of a reagazine that are weldy distributed throughout Traces and a matching approx to produce and coordinate full or haff ages color address memorims. The back of a reagazine that are weldy distributed throughout Traces and a reactive ages reports and the same matching approx to produce and coordinate full or haff ages color address and exercite the matchine memory and traces magazine that are weldy distributed throughout Traces and are necessarily approxed. The produce magazine is the same through addresses and source these matchines ages resonances. By choosing output mode and produce the produce and coordinate full or haff ages color address throughout Traces and are necessarily distributed. There are also also also distributed throughout Traces and are necessarily and anotal traces and the color thanks and the resonance that threats back or allow resonances and the same thread or address and the same and a produce them with Dolphin traces backs and threats backs and threads the same threads backs and threads the same back and threads the same back and threads the same back and threads threads address with threads the traces and threads threads backes and threads the same back and the same threads backs and threads the same same threads backs and and threads the threads address and threads the same threads threads the same threads threads threads the same threads threa		Yes	lo P	io No	No	Yes	Yes	No	\$ 500,000.00 \$ -	
Research and Education	5736	8/16/2017	Protect Wild Dolphin Billboards	IOAA ropect DI3374 This project will reduce hipm, hum, and mortally the botteness dopline by reforing lingle feeding and harassment activities hexanellities at hardhall and lingle Billbardwise volte built use to transh inge andireces with inportant exclusional message on highly traveled match table type reducts and whiles would be come aware that these thresholds are hardbard and tables at hardhall and lingle Billbardwise volte built on used to transh inge advices with inportant exclusional message and match and the prostent functional message and match and the message and match and the most cost effective message for the strange the prostent functional area where lings of reduces and the match and the message and match and the most cost effective manner. The functional message and match and the prostent educational message and match and the prostent educational message and matching and the match and the prostent educational message and matching and the match and the matching and the prostent educational message and matching and the matching and the prostent educational message and matching and the matching and the prostent educational message and matching and the matching and the prostent educational message and matching and the matching and the prostent educational message and matching and the matching and the prostent educational message and matching and the prostent educational mes		Yes N	lo N	10 No	No	Yes	Yes	No	\$ 530,000.00 \$ -	

Research and Education	5737 8/16/2017	Printing and Distribution of Marine Mammal Conservation Outreach Materials & Signs	NOAK Project DR1527: Proteins currently axis NOAK Proteins with the distribution of objetion conservation outraced materials and again installation through produced by the efforts and a gain stratilized in through the Gulf States. While these efforts are apprecisted, currently axis in the composition of the opposition of the produced by the strating of the composition of the strating of the strating of the composition of the strating of the strating of the composition of the strating of the strating of the composition of the strating of the strateging of the	Yes	No	No	No N	o Yes	Yes	Sa:		\$ 275,000.00	\$ -	
Research and Education	5738 8/16/2017	Marine Mammal Aerial Outreach Banners	NDAP hopest DB1372. The use of anrisk homes (and large pulled going havenes) to relay important educational message to target auditors. Iha provem an different outrask thod: homeses can be used to educate backgoes and motorized (is static, unders, padde backgoes, etc.) vessid opticities and passing of the static auditors and the set protecting the in the Southerst U.S. The project will reduce injury, hum, and montality to totelence eduphies by reducing lingel feeding and haraximent activities because target auditorsc. The process of any location static in a set and the hardward and linge protecting of montality to totelence eduphies by reducing lingel feeding and haraximent activities because target auditorsc ward of the presence of whelles and way to avoid variask statike. A banner with the message "backfer" feed Wild Dolphim, IHA ^{AC} Tigget "has been flower norms where the harmful and linged dolphin intertions in known to occur but also in areas where they are larget and they are the statike and haraximent. This project involves (SUDDO padd) and ingo on flight Jackies. It is common dorum giving break and other padk assess of the presence of wheeles and way to avoid where lingel reduces in a static common dorum giving and the static padd behavior in the static static padd behavior in the static and the static padd behavior in the static and the padk assess of the presence of wheeles and way to avoid their lingel reduces in a static common dorum giving break and other padk assess of the presence of wheeles and way to avoid their lingel reduces in a static common dorum giving the static complex behavior that the maxes with these static and haraximest the static and baraximest the static and baraximest. This project involves the induce state behavior that these axis that these static and haraximest with the static and baraximest. This project involves the static and baraximest that these axis that and baraximest and tables and water the static and baraximest and tables are hown not unreas where were the static an	Yes	No	No	No N	o Yes	Yes	Ne		\$ 180,000.00	\$-	
Research and Education	5745 8/17/2017	Broad Scale Aerial Survey to Monitor Sea Turtle Trends in the Gulf of Mexico	NDAR Project IDEI3007: This project would enail broad-cale aerial surveys of the Gulf of Marcis to monitor long term trends in hundrator of large juenesia and bil loggetheads. Kengeli ¹⁵ , nditys, and landhrack turning. The survey would incorporate recommended survey design from the recently convended NDAR in workshop. Survey reached/objection workshop specifically designed and implementation manage and the survey design from the recently convended NDAR in workshop. Survey reached/objection specifically designed and implementation manage and above for the green monitoring of terms in structures. The project work large of a broad in which provide information not only no trends in aboundance, but on distribution to high softem restantion planning and monitoring. The cost is estimated as LMM/unrey year, total costs will be dependent of unrey design and survey frequency. For purposes of this submission, three survey years are initially anticipated. This project could a pair of a broad in the manmata. Due tensere: May 2, 2017	Yes	No	No	No N	P Yes	No	N		\$ 3,000,000.00	\$ -	
Research and Education	5747 8/17/2017	High Beaulution Multibeam Maging and Groundtruhting directionation and despondent and despondent corals in northern GOM	In DAA hopes (Dat Slad). Multiseam mapping and groundruting of adultor features are orical days in understanding and protecting biological resources in the manine hobitat. These data are crucial for immagenent adjection to take steps to define are susceptioned. There data are crucial for immagenent adjection to take steps to define are susceptioned. There data are crucial for immagenent adjection to take steps to define are susceptioned. There data are crucial for definition and there in biological resources in the steps to definition, hobitat mapping, assessment of HAC and DOM: No korker i bioleters is deviced to take steps to definition, hobitat mapping, assessment of HAC and DOM: No korker i bioleters is adjective to take steps to definition, hobitat mapping, assessment of HAC and DOM: No korker i bioleters is adjective to take steps to definition, hobitat mapping, assessment of HAC and DOM: No korker i bioleters is adjective to take steps to definition, hobitat mapping, assessment of HAC and DOM: No korker i bioleters is adjective to take steps to definition and ground truth assessment of HAC and DOM: No korker is adjective to take steps to definition is adjective to take steps to definition and take steps to definition and ground truth assessment of HAC and DOM: No korker is adjective to take steps to definition in take definition is adjective to take steps to definition in take definition and take steps to take steps to definition is adjective to take steps to definition is adjective to take steps to take steps to take steps to definition is adjective to take steps to t	Yes	No	No	No N	o Yes	Yes	Ne		\$ 5,000,000.00	\$-	
Research and Education		MDMR Remote Setting Pacifity	The opticination is in integra and of the Mainings Galaxie &"The ecolory is halowy and is achieve. The optic Index (Galaxie Marker) is a sufficient gravity because of the event density and ends in the proceed framework of the ecolory of the ecolo	Yes	Yes	No	No Yi	rs Yes	No	Ve		\$ 9,360,000.00	\$-	
Research and Education		USM Ocean Engineering and Unmanned Maritime Systems at the Port of Gulfport	Statement of Next: The State of Mexistipe has made extraordinary investments in its numme science and docutation entroprise anound the Port of Goliport. The exact wave problem Mexistipe and Mexistip	Yes	No	No	No Yi	s No	Yes	50 Ye	5	\$ 2,400,000.00	\$ -	
Research and Education	5760 1/24/2018	Understanding the cause of spontaneous abortions in cetaceans after DWH	NDAR Project IDI 1322: The proposed project seeks to bettor understand the physicalogical mechanism that moulted in postenaneous advantisms of mult extensions after the Deep Water Version event. The project uniframent sector to stroked extension from strated extensions. The bla analyses will include analysis of disease causing pathogens as well as baseline measurements of the endocrine and bady composition of the stranded specimens. Date Enterets (\$15/3037	Yes	No	No	No N	D No	No	N		\$ 300,000.00	\$-	

Research and Education	5763	2/19/2018 (Demanded Maritime Systems Technology Program	Association and Coast Community College IMEXCED relation work with intermed partners in the development and implementation of an Unserned Administration and Environmentation and Complementation in the server of t	l Jackson	Yes	No N	D NC	Yes	No	No	Ye	5	\$ 4,663,914.00	\$-
			approval and accreditation to begin the Unmanned Maritime Systems Technology program, program curriculum specific to this industry, a recruitment plan developed, the admissions processes established and the training location identified.											
			Objective 2: Implementation of an Unmanned Maritime Systems Technology program. Activities for the Implementation objective of the Unmanned Maritime Systems Technology program will											
Research and	5766	2/25/2018 Reef Fish Community Permit/ Quota Bank	The Mississippi Commercial Fisheries United, Inc. proposes for funding a Mississippi Reef Fish Community Permit/ Quota Bank. Mississippi is the most under served state in the commercial Gulf reef	Hancock,Stone	la Yes	Yes Ye	rs Ye	s Yes	Yes	No	Ye	s	\$ 1,000,000.00	\$ 50,000.00
Education			Inih finder, V. Musicippi has the least amount of Guil reef for horms to before and individual finding quota shareholders. This project would help to increase commercial access to need find species such as the off and species such as the other of the foreign the rest off and guilt and the other and individual finding quota shareholders. This project would help to increase commercial access to need find species such as the other and individual finding quota shareholders. This project would help to increase commercial access to need find species such as the other and other and individual finding quota shareholders. This project would rest to have a start and the other and other and ducards in the reef find finders by providing the needed quota to harvest fish that would otherwise have to be discarded at sax. This project would greatly benefit MinistepitQH*'s costal at corroom by increasing access and tanding for reveral species of reef find. Musicippi 's commercial fidenses, subsod ducards, undersatures would all benefits from the project. Smill arguing may have been implemented and so the harvest approximation protections for limited access commercial fidenses.	s ckson,Pearl River,George										
			Vait www.catchinest.com to learn more about permit and quota bank work. The need to diversify the income of seafood industry members is greatly needed due to the severe decline in revenues generated from the local oyster and shrinp industry following the BP of split.											
Research and Education	5767	2/25/2018 Seafood Traceability and Tagging Program	The Missingip Commercial Finkers United, the, propose for funding a Missingip Isofood Traceability and Fagging Program. The program would provide an active externite platform (i.e., run phone, table, run of complex) and physicia tagle for commercial filterments in prove denotes used bard traceability and help eliminate fraud in Missingi Passing Pas	Hancock,Jackso Harrison	n, Yes	res Ye	Ye	. Yes	No	No	Ye	5	\$ 1,000,000.00	\$ 50,000.00
			programs have been implemented in Indered Buhnels with great success. In addition to eliminating final on the local adealor markplace, this program would be promote domestically caught seatoda and provide a tory to the who, how, and when the seatodar could. This program would be integrit to entropy the seatodar fund would able to be control and provide addition of the seatodar and would able to be torot as a mant phone reporting application and purchase physical tags. Funds would also be to require to employ managers of the program and conduct outreach to finitement. An incentive base program is sequented to recompa performation in the program.											
Research and Education	5768	2/25/2018 Off-Bottom Oyster Aquaculture Advancement & Investment Program	The Massingle Commercial Fieheries United, the, proposes for funding a Massingle QIO Reaction Oyder Aquancitum Advancement & Investment Program. Of Netton oyster aquacultum has been prover suscessful in any annuanding states and six currently pending pending alteryorial in Massingle. The program would be behalf a cooperative for potential of bottom oyster farmers and exestment capital to help jump start the off-action oyster aquaculture industry in Massingle. The program would be being to increase Massingle overall oyster production and provide minutes to Massinghed", costant accounts.	Hancock,Jackso Harrison	n, Yes	Yes Ye	rs Ye	s Yes	Yes	No	Ye	s	\$ 10,000,000.00	\$-
			Currently, obtaining sufficient investment capital is a barrier to entry in the off-bottom syster aquaculture industry. Preliminary estimates place the cost of entry into the industry at about \$50,000 per area. The program proposed would give traditional syster harvesters and syster industry members priority to access funds that could be used to establish private off-bottom syster farms.	r									\$ 750.000.00	
Research and Education	5769	2/25/2018 Sea Turtle Conservation and Shrinp Travi Vesat Electronic Montoring Program	The Massingle Commercial Fisheries United, for, propose funding for a Sae Tartic Commercial and Massingle Shring Travel Veseal Electronic Monitories (Program, The program would initially target simulation travel shringing vessis that are committed in the Rocket Orecestic (TD) is strutt altered to tow time regulations that limit the length of the twine tas 55 minutes or 3 minute and submitted in the strutter of the year. A proding IROA in its has been promulgated that would reprive alignment travel vessis to use TED has studied. TED has studied the TED has been promote to the vession of the travel	t Hancock,lackso Harrison e	n, tes	16 16	5 NG	NO NO	¥65	res		5	5 /50,000.00	\$ 50,000.00
Research and Education	5771	2/25/2018 Shrimp Industry Task Force (Advisory Panel)	The Massing Commercial Flohters Unlined, the propose fluiding for the establishment of a Mussingip Shring Industry Tak Soca. The purpose of the tak for down provide the strain plating to be flow that and the strain plating to be strained to be the strain plating to be strained by the strained test strain plating to be plating to be strained by the strained test strained by the s	Hancock,Jackso Harrison	n, Yes	Yes Ye	rs Ye	s Yes	Yes	Yes	Ye	5	\$ 250,000.00	\$ -
Research and Education	5772	2/25/2018 Fin-fish Industry Task Force (Advisory Panel)	The Massings Commercial Tokeness United, the, proposes functing for the establishment of a Massings finds that we have the set of th	Hancock,Jackso Harrison	n, Yes	Yes Ye	rs Ye	s No	Yes	No	Ye	5	\$ 250,000.00	\$ -
Research and Education	5773	2/25/2018 Oyster Industry Task Force (Advisory Panel)	The Mussiapi Commercial Faheries United, inc. proposes funding for the establishment of a Mussiapia Oyster Industry Task Force. The purpose of the task force (advisory panel) is to engage stabilished by the oyster industry to bring forth Moles and recommendations to mytement statishiding projects and management nearure. Mussiapid Currenth Joes not have an optice industry task ince: the General Carl's optice at North Mole and Task and the optice industry. The task force (advisory panel) is to engage to gravity task ince: the General Carl's optice. The Altern Carl Mole and Carl Carl Moles and the optice industry task ince: the diverse and work of the base to provide recommendations to the proper state and/ or forting and carl of the diverse meeting in the diverse of the diverse and the optice industry is and the diverse of the diverse o	Hancock,Jackso Harrison	n, Yes	Yes Ye	es Ye	s No	Yes	Yes	Ye	5	\$ 250,000.00	\$-
Research and Education	5774	2/25/2018 Marine Dehris and Derelict Trap Removal Incentive Program	The Missiogia Commercial Faheries Unlited, Inc. proposes the Missiogia Densict Murine Dehris and Trag Removal Incentive Program. Similar programs have proven to be successful in memoring marine dehris and densic craft trags throughout the Missiogia Sourd. The differences in this program in provides programs is but this program proposes to be uncertainties that commercial integers and commercial drivingers to mome and program (drogoes of marine debris and densici craft) debrit trags. Commercial integers and commercial drivingers to mome and program (drogoes of marine debris is and densici craft) debrit trags. Commercial integers and Mississipai Sound and botter/ Ionfish traps in the Guil of Mexico. Marine ether's is ongoing probably annually due to tropical storms and hurriccanes. This program seeks to incentivate the proger disposal driving index of trags that are incidentially crught to help reduce the overall mass of marine debris in the Guil of Mexico and costal water. Additionally, inc. professional driving and also be the deprovement ether is anominal stored would be paid to legal to learner. Additionally, includences of annex debris in the program. The program would also request fund to establish disposal sites (i.e. dumpsters and ferced areas) at a locations that are convenients for the marked of annex.	Hancock,Jackso Harrison	n, Yes	Yes N	D No	NO	Yes	Yes	Ye	5	\$ 2,000,000.00	\$ -
Research and Education	5779	4/16/2018 Marketing Mississippi Seafood	The MS Department of Marine Resources is required by state statute to market sealood caught in the Guif of Marine and the Missingpi Sourd. The agency's primary responsibility is to promote the data of an effect on a view of market. The program schedure, protocol results, constant commanders, both sources of the Missingpi Sourd. The agency's primary responsibility is to promote the data of the data of the Missingpi Sourd. The agency's primary responsibility is to promote the data of the data of	Harrison	Yes	Yes N	D No	No No	No	No	Ye	:5	\$ 300,000.00	\$ -

Research and Education	5780	5/21/2018	Ocean Springs High School Aquaculture Expansion	This project will be based on the addition of two fully equipped previncious at Coans Springs High chicko. By adding these new greenhouses, Coans Spring High School (2014) will be adde to increase Jackson the human's of advances that the adjuance of the advance datase at SGS Advance da	Yes	Yes	No	No	Yes	Yes	Yes	17 Nc	•	\$ 290,000.0) \$ -	
Research and Education	5788	7/11/2018	Cedar Lake Island Land Protection	The Lard for the Missiogned Castal Plan (TMCP) as a accelerated Lard Total defaulted to the consensation, promotion, and production of open spaces and green planes of enological, cultural, or Hartison comic significance in the countex of the Missiogned Castal Plan. (TMC utilities both fer assigned and consents) total scores recent dots in conserving land for the benefit of habits, species, and recreation. These parcies comic and approximately & acress of forested alruba values and the test state and the base of the Totauccashoulfis River. Protection of these systems has its value of the water equility and emission control downward and to the Missiognis sound. TMCP protecting and many sets 94.73 acres signation to the Castar Lard the fault Land Protection project. Cological Value: Protecting properties as Julier and for transmitter planes and interest Missiognis sound. TMCP protecting admenses 194.73 acres signation to the Castar Lard the Lard	n Yes	No	No	Yes	No	Yes	No	Nc	,	\$ -	\$ -	Land Acquisiti
Research and Education	5790	7/11/2018	Tchoutacabouffa River Land Protection	The Land Trust for the Missispipi Castal Plain (LTMCP) is an accredited Land Trust dedicated to the conservation, promotion, and protection of open spaces and green places of ecological, cultural, or Natricon terms in the counties of the Missispipi Castal Plain (LTMCP) tables both fee simple and conservation esamemit too its conserving land for the Missispipi Castal Plain (LTMCP) utilities both fee simple and conservation esamemit too its conserving land for the Missispipi Castal Plain (LTMCP) tables both fee simple and conservation esamemit too its conserving land for the Missispipi Castal Plain (LTMCP) utilities and terrestation. This provide a cost of adoptionation of the provide vision of the Missispipi Castal Plain (LTMCP) utilities to the provide vision of the Missispipi Castal Plain (LTMCP) utilities to the provide vision of the Missispipi cuad. With the acquisition of the partice (LTMCP) and create a control of conservation used. It must long the thousacabouth River Castage Vision Technologies (LTMCP) and create a control of conservation used. It must long the thousacabouth River Castage Vision Technologies (LTMCP) and create a control of conservation used. It must long the thousacabouth River Castage Vision Technologies (LTMCP) and create a control of conservation used. It must long approx the total conservation technologies and the the Missispipi cuad. With the acquisition of the partice (LTMCP) and create a control of conservation used. It must long approx the total conservation related with the related set of total conservation of the antice (LTMCP) and create a control of conservation used. It must long approx the total conservation related within the vision of the conservation relation and the table of the vision of the partice (LTMCP) and create a control of conservation related to the vision of the antice (LTMCP) and create a control of the partice (LTMCP) and create a control of the partice (LTMCP) and creat	Yes	No	No	Yes	No	Yes	No	Nic	3	\$ -	\$ -	Land Acquisiti
Research and	5795	7/20/2018	Urban Natural Resource Job Training	The 450 closest Coverd developed a project to 15% in the proving book, load maintenance, cut flowers, and other "green jobs." The program was called "Nabions of Green Career and Job Training." We are proposing this judgets to proving book, load maintenance, cut flowers, and other "green jobs." The program was called "Nabions of Green Career and Job Training." We are proposing this project to assist in referring the VG Gut Cart from injury of natural resources but also to provided valuable job training and Career development. Many people are not aware of the many opportunities working with natural resources. Matural Resource Job Training and Small Business Incubator The project will include job training the de closels on the job training and career development. Many people are not aware of the many opportunities working states to the project duration in resource Job Training and Small Business Incubator The project will include job training the de closels on the job training and on the closels on the job training and the descreent and to training. Career development. Many people are not aware of the range of the develop and review the people closels on the job training and career development. The project work is the project closels for job training and and business humber center. Not only will this project provide real time economic opportunities to the trainers, will also help develop and review the people closels of angle people in the state. The following programs much statify needs of employers in the state. The forming equation and training and certification as a trained individual world be provided for each of here topics, individuals participating will complete the whole rationing programs. This is the production <td< td=""><td>Yes</td><td>. No</td><td>Yes</td><td>Yes</td><td>Yes</td><td>No</td><td>Yes</td><td>Ye</td><td>5</td><td>5 323,000.0</td><td>3 \$ 75,000.0</td><td>0</td></td<>	Yes	. No	Yes	Yes	Yes	No	Yes	Ye	5	5 323,000.0	3 \$ 75,000.0	0
Research and Education	5796	8/6/2018	Phase 2 Land Acquisition for expandion of Grand Bay National Widdlife Refuge and National Estuarine Research Reserve	The direct tasks to permanently protect and identified by the U.S. Fin and Wallife Service and the State of Minisopia activation for exploition and one permanagement by the de Grand Bay National Kitauria e Research Reserve (NERR). This project all add approximately 1,666 acro is the nearly 10,000 acros currently owned by the U.S. Fin and Wallife Service and the State of Minisopia activation of the state approximation is the Grand Bay National Kitauria and the State of Minisopia activation, and Minisopia activates and the State of Minisopia activates and Minisopia and Categoria activates and the State and Categoria activat	Mobile Yes	No	No	Yes	No	Yes	No	bie		s -	\$ -	Land Acquisi
Research and Education	5798	8/6/2018	Connecting and Extending Conservation Corridors in Coastal Countes	The Land Trust for the Mississippi Cosstal Plain (LTMCP) is a nationally accredited Land Trust dedicated to the conservation, promotion, and protection of open spaces and green places of ecological landscan, between the benefit of coards. Alterno, Lakson, George, Stone, and Pearl Mere Cossitie of the Mississippi Cosstal, Plain (LTMCP) stilles both fer simple and conservation tools to target protry conservation lands for the benefit of coards. Missingin Johathar, pages, and reservation of open spaces and green places of ecological Places and the benefit of coards. Missinging Johathar, pages, and reservation areas to target the benefit of coards and without places and experiments of the structure of the benefit of coards and without places and experiments of the structure of the benefit of coards and without places and experiments of the structure of the structure of the structure of the benefit of coards and experiments on the structure of coards and with the structure of the	Harrison Yes	. No	No	Yes	No No	Yes	No	No		\$ -	\$ -	Land Acquisi
Research and Education	5799	8/8/2018	Pascagoula Tributaries Nutrient Reduction Project	The Girl Identical [®] hashin and productivity to description of process the pacify and quantity of free hashes dedivered by prior to access the hashing by a set of the production of the pacific production of the pacific production of the producting in the environ of the production	,George Yes	No	No	Yes	No	Yes	No	Ye	5	\$ 5,000,000.0) \$ -	
Research and Education	5800	8/9/2018	Rittiwake Coastal Conservation Area	Etituate Conneration has been able to identify come accergin in his Christian that appears usufable for costal presentation. The property was partity was a part of the Camp Ethioka, a church Pantos Camp used into the Stoffer's, then applied developed as a relational isolationis, trivitance and offer the Kimake Magenta Church. The remaining 12 arcs has taid block offer the Kimake Magenta Church. The remaining 12 arcs has taid block of the Church Rither Magenta Church. The remaining 12 arcs has taid block on the Church Rither Magenta Status and Stoffer the Associated Magenta Church. The remaining 12 arcs has taid block on the magenta and the Magenta Church. The remaining 12 arcs has taid block on the main the Internet, the arcs age is semi- vertiand fores, and the Komen tailer, sogres, (sogres, (source, (societa, accoor, amatilia) and rabbits. The and block is the Komen tailer, sogres, (source, (societa, accoor, amatilia) and rabbits. Arcs 150 sto has and beat on the Komen tailer and pollutarity prior to trassing the Societa and Internet. This trans the finance of the Komen tailer and pollutarity prior to trassing the Societa and interests. The Associate Magenta Ma	n Yes	No	No	Yes	No	Yes	No	Ne		\$ 3,000,000.0	b s -	Land Acquisit

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Research a Education	nd 5803		Establishment of a Coastwide Reference Monitoring System (CRMS) in Mississippi	NOA Project ID 1381: Lepanion of a Castwick Reference Monitoring System (CMX) wetland observation network into Massiapito Inform wetland restance) access and also asist with Trustate ecosystem extrational quantification. The proposed project week and observationing system being implemented in Louizana. In Louizana CMX was designed to monitor the effectiveness of extrational actions at multiple spatial scale from individual project sites and the influence of these projects throughout the could and an CMX was designed to monitor the effectiveness of extrational actions at a multiple spatial scale from individual project sites and the influence of these projects throughout the could near. In LACMS design includes a final scale scale scale actions at a multiple spatial scale from individual project sites and the influence of these projects throughout the could near the influence following and the provide scale scale actions at a multiple spatial scale from individual project sites and the influence of these projects throughout the could near the could be unplemented in Louizana. In Louizana Liouzana could be unplemented following and the provide scale scale actions at a scale br>actions and a scale br>following actions actions at a scale		Yes N	o No	No	No	Yes Yes	io	2 -	Ş -	
Research a Education	nd 5804		Long Beach Harbor Enhancements	NOAk Project IDI13887: The Long Beach Harbor saves mainly recreational boaters. However, that recreational use is the basis for a robust business community that saves tourists, fishemeres, boat owners, restaurant for enc, and pediatrian. In the Harbor has been repeatedly damaged by hard light raines. The fisher and ann and (#IO 02018) disasters. The natural disasters have detroided and damaged the harbor channel, breakwaters, and support infrastructure (gas lines, power, etc.). The #FOII Spill damaged many boats docked in the harbor and made tenants lines likely to dock in the harbor. These direct impacts drive away the secondary commercial businesses that relied on the port such as fuel docks, bait hops, restaurants, etc. Date: Aug 7, 2018		Yes N	o No	No	No	Yes Yes	No	\$ 60,000,000.00		
Research a Education	nd 5808		Quantifying water availability and quality from submarine discharge points into Gulf estuaries	NDA Project DI 3383: A resource managers contrises to understand the effects of water availability and quality from freehwater systems that drains to diff updater systems (LSA) providence that to trypically unaccurately for correst from submatrixed excurses and approximate systems that drains to diff updater Systems (LSA) providence that to trypically unaccurately for systems (LSA) providence and the observations and guide frain and approximate systems that drains to diff updater Systems (LSA) providence that the system share and quality frain the total to train the system share and quality frain the total to train the system share and quality frain the total to train the system share and quality frain the total to train the system share and quality frain the total to train the system share and quality frain the total to train the system share and quality frain the total to train the system share and quality frain the total to train the system share and quality frain the total to the system share and quality frain the system share and to the system share and the system share that to the system share and t	ls 7	Yes N	o No	No	No	Yes Yes	No	\$ 3,000,000.00	\$-	
Research a Education			Development of a Decision Support System to address management of nutrient and sediment loads entering bays and estuaries from Gulf watersheds.	NOAK-Popert ID 13877: This popert will build an online Decision Support System (DSS) that will allow managen to run zeranois by platering identified sources in our internet or sediment within Gulf waterheds to set the downstram effect of those scenarios on nutrient and ediment tobal sensing based and excellopment and ediment tobal Total Progeborus, and Suppended Sediment Spatially Referenced Regressions on Waterhed Attributes (EMRADOW) models for the entire Gulf. In addition, dipply of model results in the DSS can be managen target waterhed areas with high matter loads to be test. Management Tactic implementation: Nutrient load estimation from the models entering lays and estimation and	e	Yes N	o No	No	No	Yes Yes	No	\$ 4,000,000.00	\$-	
Research a Education			Restoration of Piping Plover and other overwintering shorebirds through reductions in anthropogenic stressors	NOA Project ID 1387: The maps of habita los on shoreholds may be each related by distubance from human recentional use, which further refeaces the samout of castal habita that is functionally available. This can have consequences for the costical on individual trick of repositions processes, build of which holds teaming the magnetic main exceeding the strategies to related and the same trick and areas that and the same trick and areas that and the same trick and trick and the same trick and trick and trick and the same trick and the same trick and trick and the description (Jacobian Same) is additional trick of the same trick and trick the same trick the same trick trin trick trin trick trisk trick trick trin trick trick trick trick	1	Yes N	o No	No	No	Yes No	No	\$ 2,000,000.00		
Research a Education	nd 5812	8/10/2018	Groundwater neutral strategies to create habitatis for migrayon horberiski on private lands of the Mississipp Dotta	NDA Project IDI 31885.mmary of rationale and proposed project: Nearly Nail P donth American shorehold species (such as surghand) and ploves) are defaults, and a size of available holds for migration shoreholds or migration shoreholds for migration shoreholds or migration shoreholds for migration shoreholds and the shore hold for a factor migration shorehold for migration shoreholds for migration shore holds for a migration shore holds for a migration shore holds for migration shore holds for a migration with holds for holds for migration shore holds for a migration shorehold for migration shoreholds for migration shore holds for shore holds for migration shore holds for shore holds for a migration shoreholds for migration shoreholds for migration shore holds for shore holds holds in shore holds holds holds for shore holds holds		Yes N	o No	No	No	Yes No	ko	\$ 200,000.00	\$ 20,000.00	
Reserch a	nd 5815	8/10/2018	his 1016 (cull wrder stream flow wrdu) Minisaligie Component - ddt he Pasif River to the existing project.	Inter is approved MEXTORE Activated Guil-wells ner Nor study that will use a Massiagia costal plain terams as atory site. It is currently leng planed by the USGS duil Vater Sonce Center in NataWill, with body Kalphat Kalmade Guil-wells nere North NataWill and NataW	Rankin, Hinds, Copiah, Simpson, Lawrence, Marion, Pearl River, Hancore River, Jancore ck	Yes N	o No	No	ko	Yes No	40	\$ 3.00	\$ -	
Research a Education	nd 5816	8/10/2018	Battlenou Dolphin Haalth Assessments to Montor Resolution Effectiveness in Mitologipi	hashit assuments are used to identify and understand population stresses, mitigate their effects, or plan more effective construction measures, in regionate to management drivers (e.g., MMAA, Eds, MAAA) Code and drivers hashit mitigates, and, more reserving. For thrule flagsource barge assessments 304000A; Capturadditions are well to increase the large transmost research and the collection of morphometric, diagnostics, and biological samples. Samples are processed on the boat for shared barget particulary designed platform on a boat for further examination and the collection of morphometric, diagnostics, and biological samples. Samples are processed on the boat for shared barget platform on a boat for further examination and the collection of morphometric, diagnostics, and biological samples. Samples are processed on the boat for shared barget platform on a boat for further examination and the collection of morphometric, diagnostics, and biological samples. Samples are processed on the boat for shared barget platform on a boat for further examination and the collection of morphometric, diagnostics, and biological samples. Samples are processed on the boat for different diagnostics can only be obtained from wild deplaying immeding unstaining, also and or assessments, biolowing and contrained from the solution on the solution of platform and platform		Yes N	o No	No	Ro	Yes No		\$	\$.	

Besearch an	d	e/10/10-0	Bottlenose Dolphin Photo-Identification	Photo-identification studies are a type of capture-mark-recapture study used to detect known (marked) and unknown individuals over time to estimate population size and vital rates. They are also	1	You		10			2-	No	e	e	
Research an Education	5817	a/ 10/2018	Bottlenose Dolphin Photo-Identification Studies to Monitor Restoration Effectiveness in Mississippi	Photo-isofficial controls and a start of the				No	Tic	Tes	NO		2	\$.	
				Centralized large-scale, collaborative photo-identification catalogs for bottlenose dolphins and other species have been established (e.g., the Gulf of Mexico Dolphin identification System, or GoMDIG), providing a basis for tracking movements of individual animals beyond project study sites and detecting range shifts in response to environmental changes. Existing data systems need to be assessed,											
				refined, and expanded to facilitate upload and analysis of a large number images and to improve data access and sharing by a diverse group of field researchers and partner organizations in Mississippi and throughout the Gulf to better determine connectivity and movements of bottlenose dolphins within and between adjacent water bodies. Periodic workshoos are needed to ensure standardized											
				methods for image acquisition and processing are being used and revised as necessary. Multi-year studies need to be expanded to include additional study areas in Mississippi and across the Gulf,											
				particularly coastal and offshore areas affected by the oil spill. Further research is needed on: (1) the development of software to enable more effective and timely analysis and comparison of still and video images, (2) the potential for high-resolution aerial imaging systems to augment or replace traditional aerial and/or vessel surveys, and (3) the use of unoccupied aircraft systems (UASs) or drones											
				to collect images of marine mammals independently or during traditional vessel surveys or other surveillance operations.											
				Budget is variable depending on the frequency of assessments and the duration of the project. Studies are most informative for assessing recovery of these long-lived species if conducted annually for a minimum of 10-15 years.											
				Entitic capable of conducting such tades, or that have successfully conducted such studies in other areas of the Gulf, include the the National Matine Foldment Since Pancagoui Laboratory, the National Cass Sincer's Carliators Laboratory, accessing and the studies of the Gulf Linearity of Sincer Mathiesing. University of Status Mathiesing, University of Status											
				Authors: This proposal was prepared by the Marine Mammal Commission, based on information compiled at the 2015 Guif of Mexico Marine Mammal Research and Monitorine Meeting and											
				subsequent meetings. The Marine Mammal Commission is not seeking funding for this project, nor does it anticipate receiving funds, if approved and adopted in whole or in part, by the Natural Resource Trustees, the Guif states, the National Fish and Wildlife Foundation, the National Academy of Sciences, the Restoration Council, or any other funding entity.											
Besearch an	d 5818	8/10/2018	Trees Please Gulfport: Urban Forest for	More information on GoMDIS can be obtained at: http://www.sarasotadolphin.org/introducing gomdis-the-guli-of-mexico-dolphin-identification-system/ In undeveloped areas of the coast, rain is intercepted by trees and the rest soaks into the ground, filtering out pollution. But on the developed coast, buildings, parking lots, roads, and other	Harrison	Yor N		io Va		Var	Ver	lor.	\$ 1.000.000	00 \$.	
Education	0 5616	8/10/2018	Clean Waters	impervious surfaces, trees and soil no longer slow the rainfall and filter the water. The resulting stormwater instead picks up nitrogen and phosphorus pollutants. It flows rapidly into bayous, beaches,	Harrison	res in		vo re:		res	Tes	les	3 1,000,000	00 3 -	
				and Mississippi Sound via storm drains. The results include beach closures, oyster contamination, and fish kills. This project would increase urban forestry-trees and soll-in the city landscape. Trees and soil decrease polluted stormwater runoff (including oil, pet waste, and fertilizer). This increases water quality											
				for recreation, ovsters, and fish on the Mississippi Gulf Coast.											
Research an Education	d 5820	8/10/2018	Lower Pascagoula Nutrient Reduction	Improve water quality by reducing nutrient loads to coastal watersheds. Develop conservation plans on agricultural land and rural communities that support them to address nutrient and sediment runoff; and implement conservation practices identified in the conservation plans.	George	Yes N	0 Y	fes Ye:	s No	Yes	No	No	\$ 2,000,000	00 \$ -	
				The primary goal for this project is to improve water quality through nutrient and sediment reduction. The health of the Gulf of Mexico depends upon the health of its estuaries, and the health of											
				those coastal waters is influenced by land uses in the watersheds of its tributaries. In the five Gulf States, over 80 percent of the acreage is in private ownership (USDA-NRCS 2014) and is used for forestry and agriculture. This watershed-scale project restores water quality impacted by the DWH oil spill by reducing nutrients and the sediments carrying them into coastal waters. Runoff from											
				cropland, pasture, grassland, forest, urban areas contributes nutrients and sediments that adversely affect the health of coastal waters of the Gulf. While agricultural lands are a contributor (and in											
				many instances, not the leading contributors) of nutrients to coastal waters, there are opportunities to address nutrient related resource concerns at their sources across multiple landuses in the lower Pascagoula River watershed.											
				USDA will provide outreach and technical assistance to voluntary participants - especially on the most vulnerable acres in the watersheds-to develop conservation plans. The project proposes to											
				implement clusters of conservation practices within the smallest watershed practicable with the goal of making a discernable difference in water quality at the watershed level. While this targeted and											
				concentrated approach is desired, the project proponent understands the voluntary nature of landowner participation and will strive to reach the critical sources within the watershed. The proposed conservation practices would reduce nutrient losses from the landscape, reduce nutrient loads to streams and downstream receiving waters, and reduce water quality degradation in watersheds that											
				conservation practices would reduce nutrient issues from the anisstage, reduce nutrient issues to screams and downscream receiving waters, and reduce water quality degradation in watersneds that would provide benefits to coastal watersheds and marine resources.											
Research an Education	d 5821	8/10/2018	Addressing Harmful Human-Dolphin Interactions in Mississippi through Research.	Nearshore and coastal habitats throughout the Gulf of Mexico are adjacent to areas of high human population. The high degree of overlap with human activities results in concern for both bottlenose dolphins that were also affected by the Deegwater Horizon oil soll. There are documented impacts on bottlenose dolphins from recreational fishine. Deatine, and tourism, including mortalities.		Yes N	o N	io No	Ne	Yes	No	No	\$	\$ -	
Education			Education, and Enforcement	injuries and harassment/disturbance. Harmful interactions between people and dolphins have been documented throughout the Gulf of Mexico, including in Mississippi coastal waters. Such											
				interactions can be damaging to the dolphins by altering their natural behavior, and can put both humans and dolphins at risk of illness, injury, and death. The large variety of user groups and stakeholders and multiple management jurisdictions involved in such interactions requires a coordinated effort among state and federal biologists, managers, and enforcement agencies.											
				Human activities of concern for bottlenose dolphins include8€"											
				-Recreational fisheries - Interactions stem from entanglement in or ingestion of active or discarded fishing gear, depredation on bait or catch, scavenging of released fish, habitat degradation, and provisioning of animals. They can also stem from retailation or lethal deterrence by fishermen for depredation on bait or catch. Acute and chronic impacts include altered behavior, decreased											
				provisioning of animals. They can also stem from retaliation or lethal deterrence by fishermen for depredation on bait or catch. Acute and chronic impacts include altered behavior, decreased nutritional status, injury, and mortality.											
				-Bourism and recreational activities - Interactions occur with recreational boaters, jet skis, dolphin and whale watching tour boats (particularly those operating irresponsibly by touching, feeding,											
				swimming with, or harassing animals), and include boat strikes, disruption of natural behaviors, changes in group composition, association of people/boats with food if provisioning occurs, and conditioning. Long-term avoidance of high-use areas can lead to localized declines in abundance or shifts in habitat use to sub-optimal habitat. Acute and chronic impacts include altered behavior,											
				Consorting, Chigo shirts and growth rate, Injury, and mortality.											
				Prevention of human-dolphin interactions is key, and is based on an understanding of how and why interactions occur. Targeted research on human attitudes towards dolphins coupled with long-											
				term, year-round behavioral studies and data from stranded animals can help provide a more complete picture of causes of interactions, interaction rates, trends over time, and potential mitigation											
				strategies. Studies conducted to data have identified mitigation strategies that have shown some effectiveness at preventing interactions. However, long-term effectiveness requires follow-up research on the effectiveness of mitigation, consistent and targeted public education and outreach efforts, and coordinated enforcement efforts in situations where education and outreach is not											
				sufficient at curbing harmful interactions.											
				Addressing harmful human-dolphin interactions in Mississippi state waters can aid directly in the restoration of bottlenose dolphins injured by the oil spill. Effort is needed in the following areas:											
				-Conducting surveys and interviews to understand the human dimensions of interactions and factors driving harmful human interactions with dolphins;											
Research an Education	d 5822	8/10/2018	Trees Please Biloxi: Urban Forest for Clean Waters	In undeveloped areas of the coast, rain is intercepted by trees and the rest soaks into the ground, filtering out pollution. But on the developed coast, buildings, parking lots, roads, and other impervious surfaces, trees and soil no longer slow the rainfail and filter the water. The resulting stormwater instead picks up nitrogen and phosphorus pollutants. It flows rapidly into bayous, beaches,	Harrison,Jackson	Yes N	0	VO Ye:	Ne	Yes	Yes	res	\$ 1,000,000	00 \$ -	
				Bilooi Bay, and Mississippi Sound via storm drains. The results include beach closures, oyster contamination, and fish kills. This project would increase urban forestry-trees and soil-in the city landscape. Trees and soil decrease polluted stormwater runoff (including oil, pet waste, and fertilizer). This increases water quality											
	_			for recreation, ovsters, and fish on the Mississippi Gulf Coast.											
Research an Education	d 5823	8/10/2018	Reducing Bycatch of Bottlenose Dolphins in Mississippi Commercial and Recreational	Marine mammal bycatch refers to any marine mammal adversely affected as a result of being unintentionally entangled, entrapped, ensnared, or caught by nets, lines, traps, or hooks, or otherwise impacted by fishing gear. Bycatch is the greatest direct cause of marine mammal injury and death in the United States and around the world. Reducing marine mammal bycatch in Gulf of Mexico		Yes N	• •	io No	No	No	No	No	\$	\$ -	
			Fisheries	commercial and recreational fisheries is one of the strategies identified by the Natural Resource Damage Assessment Trustees to restore marine mammals injured as a result of the Deepwater Horizon											
				oil spill. Marine mammals injured by the spill and/or response activities in the Gulf include bottlenose dolphins (all stocks), Atlantic spotted dolphins, BrydeåC**s whales, pantropical spotted dolphins, prygmy sperm whales, Risso's dolphins, and short-finned pilot whales.											
				Observer coverage to document and quantify fisheries interactions with marine mammals is limited, but based on best available information, the National Marine Fisheries Service (NMFS) has											
				identified the following Gulf of Mexico fisheries as having frequent or occasional bycatch of marine mammals: shrimp trawl, menhaden purse seine, coastal gillnet, pelagic longline, trap/pot, and											
				charter boat/headboat fisheries. There are also documented interactions between bottlenose dolphins and recreational hook-and-line fisheries. Reducing bytatch in commercial and recreational fisheries operating in and adjacent to Mississippi state waters can aid directly in the restoration of bottlenose dolphins and other marine mammal stocks injured by the oil spill.											
				Effort is needed in the following areas:											
				Boreased levels of observer coverage on the above-memory barries of barries/gar types/target species (particular) the shrimp trawl and gillnet fuberies) to provide better estimates of marine mannals injured or hildel indentia to commercial finding activities. Departed observer coverage would also provide additurual indentian needed by managers to determine factors associated with byratch, uch a gar type, inter of days bat type, billing methods, areas thank det, car, and to define (text, sui and injerment measures to reduce byratch).											
				desearch and field studies to identify and test alternative observation methods that could be used to supplement or replace traditional human observers. Such methods may include, but are not limited to, the use of: remote observation platforms, underwater cameras, electronic monitoring, and unoccupied aircraft systems (UKS4).											
				The identification of measures that can be used to reduce bytatch of marine mammals while maintaining the economic viability of those fisheries. Measures to investigate and test could include, but are not limited to, alternative fishing gear and fishing methods, time-area restrictions, and removal of lost or derelict fishing gear (i.e., traps, pots, and glinets).											
				The development of economic incentives for reducing marine mammal bycatch through, for example, incentive-based fishery bycatch measures.											
				-Research on the ecological effects of fishing on marine mammals, their prey species, and the Gulf of Mexico marine ecosystem.											
Research an	d 5824	8/10/2018	Trees Please Pascagoula: Urban Forest for	In undeveloped areas of the coast, rain is intercepted by trees and the rest soaks into the ground, filtering out pollution. But on the developed coast, buildings, parking lots, roads, and other	Jackson	Yes N	0 N	io Ye:	i Ne	Yes	Yes	Yes	\$ 1,000,000	00 \$ -	1
Education			Clean Waters	impervious surfaces, trees and soil no longer slow the rainfall and filter the water. The resulting stormwater instead picks up nitrogen and phosphorus pollutants. It flows rapidly into bayous, beaches, Pascagoula River, and the Mississippi Sound via storm drains. The results include beach closures, oyster contamination, and fish kills.											
				This project would increase urban forestry-trees and soil-in the city landscape. Trees and soil decrease polluted stormwater runoff (including oil, pet waste, and fertilizer). This increases water quality											
				for recreation, oysters, and fish on the Mississippi Gulf Coast.											

Research and	5825	8/10/2018 Expand and Improve Marine Mammal	This project requests sufficient long-term resources for the designated Marine Mammal Health and Stranding Response Program (MMHSRP) network member in Mississippi to monitor the	1	Yes No	No	No No	Yes	10	No	\$ 10.00 \$	
Education		Stranding Response and Monitoring Capabilities in Mississippi	effectiveness of restoration efforts through enhanced sumaliance, response, investigation, and, where possible, recovery and rehabilitation of standed antime assimation from populations in Makinging nearborne and offshore waters have effecting impaction by the Deepwater information (2014) and gill. Response to both were applicable on the analysis and antime manufast that habits the nearborne and additional vaters of Manuspip andressis qualificable highers due to be Deepwater function of sufficience to both line and dead canaded manners manufast that indicable the nearborne and additional file and under a strategiest and the additional strategiest and the additional strategiest and the strategiest and the additional strategiest and the									
			The MMRSP network member that has been designated by the National Nations Fahreine Sterices (NMSS) to conduct stranding response activities in Mindoppi, in accordance with the requirements: of the Marine Mammal Protection Act, is the Institute for Marine Mammal Studies (IMMS) in Goalfort, MS. IMMS has surveral highly-trained and experienced stranding responses on staff, with access to techniciam, pathologius, and other specialists a needed to provide effective medical and foremic response during and afters a stranding event.									
			Nor to the spill, stranding response efforts were patchy and inconsistent in many portions of the Guil region. Response capabilities increased during the spill with funding from the Natural Resource Damage Assessment (NRDA) and MMS was instrumental in ensuing timely response and collection of biological amples from animals in Musicapia and analyses, may ensuince the funding served in diversity and anota with the Guil on month were fixed in month or the Herberness of NRDA Madeet references on PRIAT Madeet represent PRIAT									
			The primes objections of this project are to 1) increase unreliance efforts to identify stranded marke minules, 2) conductivity and through examination of the and deviated areading manuals, 2) ensure theiry response to reports or unplaying of the- and davd-araded marke animals, and increasing considering, and the stranding examples and a stranding reservor members across the Gulf. This project arise volume the integration of stranding data with their biological and winomental information to highlight and understand the concentions there exemptions and the market and the market and the stranding exemption of stranding data with their biological and winomental information to highlight and understand the concentions these exemptions and the market market that the Market Market Market Market biological and winomental information to highlight and understand the concentions the strends constraints and the stranding exemption and a stranding exemption. The strends that are exemptions and a stranding exemption are as a transmit and the strengt and the strengt exemption and the strengt exemption and the strengt exemption and the strengt exemption and the strengt and the strengt exemption and the strend exemption and the stre									
			Cost Estimates: Approximately S10-15 million over 10-15 years*									
Research and Education	5826	8/10/2018 Middle Escatawpa Nutrient Reduction	Improve water quality by reducing nutrient loads to coastal watersheds. Develop conservation plans on agricultural land and rural communities that support them to address nutrient and sediment runoff; and implement conservation practices identified in the conservation plans.	Jackson,George	Yes No	Yes	Yes No	Yes 7	10	No	\$ 2,000,000.00 \$	
			The primary goal for this project to improve water quality through nutrient and assignment reduction. The health of the Gui of Maxico depends upon the health of theore costal waters in the interacted by all one to the water heads of the truburks in. The the ford (35 stace, vor 89 proved the access) are intra-to-methylic UDA-MXC3 and is used for locentry and agriculture. This waterhed-scile project restores water quality impacted by the DWA of guilt by reducing nutrients and the sediments carrying that one to castal waters. Name of from corpoland, parture, gravaland, forset, uphan are so contributes nutrient and sediments that adversely affect the head in Castal waters of the dual (While agricultural ladors are contributed to gain the many instances, not the leading contributor) of nutrients to castal waters, there are opportunities to address nutrient related resource concerns at their sources across multiple landsces in the Middle Eccastage New readerhed.									
			USDA will provide cateshesh and schwicz assistance to ordenizaty participation - regorally on the next whereafte across in the waterhold-to develop commonly participation - project proposes to regimemic cutance concentration particles will be the schwide transformed particular will be paid or mainsig activational efficience in a second particular will be the project proposes to accounted approach is desired, the project proposes to understands the volumery status of leadowner participation and will strive to reach the critical sources within the waterhold to the proposed concentrated approach is desired, the project proposed understands the volumery status of leadowner participation and will strive to reach the critical sources within the waterhold is the proposed construction particular would reduce antitizen to constrain the indexign, endow realment leadowner and reduce stream end downstream receiving waters, and reduce water quality degradation in waterholds that would provide benefits to costal waterholds and marke resources.	i								
Research and Education	5827	8/10/2018 Upper Escatawpa Nutrient Reduction	Improve water quality by reducing nutrient loads to coastal watersheds. Develop conservation plans on agricultural land and rural communities that support them to address nutrient and sediment runoff; and implement conservation practices identified in the conservation plans.	George	Yes No	Yes	Yes No	Yes 7	10	No	\$ 2,000,000.00 \$; -
			The primary gaid for this project to improve water quality intrody. An untern and addiment reduction. The health of the Guid of Maxico depends upon the health of the sectuative are in the waterhood of the traditations. In the function of the sectuative are the section of the									
			USDA will provide outrack had reductiations to avoid the structure of the nost volvementale across in the waterhold-to develop connectional plan. The project proposes to mightement cutators conversation practices within the valuator avoid provide volvemental definement available of the valuator of th	1								
Research and Education	5828	8/10/2018 Hobolochitto Nutrient Reduction	Improve water quality by reducing nutrient loads to coastal watersheds. Develop conservation plans on agricultural land and rural communities that support them to address nutrient and sediment runoff; and implement conservation practices identified in the conservation plans.	Pearl River	Yes No	Yes	Yes No	Yes	10	No	\$ 2,000,000.00 \$	s -
			The primary gaid for this project to improve water quality through nutrient and assimner reduction. The health of the Gui'd Maxico depends upon the health of those costal waters in the interacted by all can be in the waterholds of the truburker. In the five did States, werd Byreact of the arcmapt is private ownership (USD-MKSC) and is used for forestry and agriculture. This waterholds call project restores water quality impacted by the DWA oil guild by reducing nutrients and the sedments carrying that on a sufficient of the arcmapt is private ownership (USD-MKSC) and is used for respind, patture, grandle, forest, usina arcs contributes in their the used by the DWA oil guild by reducing nutrients and the sedments carrying that the health of the sufficient of the subality contribution of nutrients to casatal waters, there are opportunities to address nutrient related resource concerns at their sources across multiple landsces in the indebichting Creater watership.									
			USDA will provide outworks had indexinial assistance to volumary participants - expensity on the nost volumentie acros in the waterhold-to develop commonly plan. The project proposes to implement cutares in concentration particle within the variation extended particulate within the paid of analysis adjustmenties defines to be waterhold will in the stratest extended of particulate within the project proposes to an concentrate approxib is detructed, the project proposes understands the volumary vature of landowner participation and will strave to reach the critical sources within the waterhold will be adjusted associated approxib is detructed with the waterhold will be adjusted associated with the volume and the volumary endure outwork and downstream receiving waters, and reduce water quality degradation in waterholds that would provide benefits to coastal watersheds and maine resources.	1								
Research and Education	5829	8/10/2018 Trees Please Bay St. Louis	In undereigned area of the cost, min kintercepted by trees and the rest owak into the ground, filtering out poliution. But on the developed cost, liuklings, and kintercepted by trees and the integration that water. The restury because the street and end to rest owned in the developed cost, liuklings, and the street. The restury bit to bayout, backets, it is to be a street and end to rest owned in the developed cost, liuklings, and the street. The restury bit to bayout, backets, it is to be a street and street and the street. The restury bit to bayout, backets, and the liukling of perturbation of the street and the	Hancock,Harrison	Yes No	No	Yes No	Yes	'es	Yes	\$ 1,000,000.00 \$	5 -
Research and Education	5830	8/10/2018 Bottlenose Dolphin Health Assessments to Monitor Restoration Effectiveness in			Yes No	No	No No	Yes 1	10	No	s - s	5 -
		Misisippi	CaptureMdNexe health assessments involve large teams of researchers using multiple vessels to locate, capture, asses, and release wild bottknoue dolphins. A large net is used to encircle one or more dolphins in shallow water. The team then enters the water and once the dolphin is disentangled from the net and restanced, blood is collected and vital agras are assess. The dolphin is then trought up onto a socially designed platform on a boat for further examination and the collection of morphometrics, diagnostics, and biological samples. Samples are processed on the boat for timeliness and quality control purposes.									
			Standard morphometrics and dispensitios include a physical earns, body measurements (length and girkh), ultrasound to assess reproductive status and bubblet Mickense, complete Mode count (CRU/bodd entermity/Modd argues, reveloping, and physical experiments), file, with and and assessments, bioticimal and containant measure, and biotheting and girkh and and of these disponsitics can only be obtained from wild doplisms, through capture and thrier festation. Health massessments conducted on bottlenose doplism is in bottlenose, and wild and girkh and and photocols and established biothoristics for sample analysis. The pointing of available samples in terrulate in the establishment of reteriness intervals for many health parameters, and a 2004, sample chemistry, massingth ratio, and as baseline levels for biotexame, persistent organic poliulatis (PDF) including polychormated biphenyls (PCB), polyhorminated diphenyl effects) (PBDE), and a suite of organochinnes precisions.	2								
			Health assessments have been conducted on bullences of digital populations in introna locations in the Guid (including Senatora Bay, Florida (1982)/Bjesent), Manualgo Senatora Manualgo (1982)/Age- 2013, 2018, Manuale Guide Senatora (1982), Sacoph Ray, Facial ScaleBalli, and Manuaria Jan, Locationa (2012, 2013, 2014, 2017, 2018), Health assessments conducted in Baratara Bay, Manualgo (1982), Age- Sound, and Sanascia Bay were instrumental in quantifying Injury associated with the Deepwater Horizon ol spat.									
			There is a continued need for protock health assumments of lottlences dolphins in flurataria Bay, Ministepi Sound, and reference populations in Saranda Bay to monitor the effectiveness of and potential instarts from, restaration activities being conducted in Lauliana waters. The health assessments would follow the same protocols and procedures that have been developed and implemented previously in Galf waters.									
			The future vision is to obtain more information from remote ampling of bottlenois dopbins injured by the oil gull, including biopup, braith, and tagging. This would minimize the need for captural@itess.html biassements because the properent higher lists dopbins and to the team, and because of the difficult logistics and high costs. We also need coordinated data management, mapping, and quality/temporal analysis to maximize the information gained from available samples.									

Research and	5832	\$//ID/DIS A comprehensive, participatory approach to evaluate comparation of an example of the sustainability of the shimmp fushery	Introduction: Intervals: Use mark valuable commercial flags in the Gulf of Mexico with major cultural and exacutive instant on scatast on stantasts. Several stacks in the Gulf of Mexico with major cultural and exacutive instants. Several stacks in the standard Assemum for the standard		Yes	Yes N	9 NO	No	Yes	No	No	5 16.00	S -	
Research and Education	5834	the otter trawl fishery of Mississippi	NOAR Project D4 13213 The aim of this project is to rectore sate turite populations in the Gulf of Mexico, particularly, KengAlf*** reflers(), Lapidschehy keng), Lapids- enactiona can indiver shimm patter trans and dismene fibery in Mossings). The project will also increase the health of familers by proving fibring communities with methodogies and incontese to reduce impacts to fibery resources. Sea turite restoration will be achieved through the incremate the lath of familers by proving fill projections for the Animer Methor of Mussings). The order to protect journee is a turite start health enables and the anatom can all how waters of the norther and of Mexico, pendice and fill projections for the Animer trans in Mexico and require TROs with a maximum har paparing of 3 inches, which is less than the current 4 inch maximum required for the cater trans fibers, The skinmer trans and inchore etter trans fibers orienta generational lake recounter the same small turities. This component of the project aims to incentivate use of TDos with 3 inch 3 arguing in the otter trans fibers in Science 3 and a strutters. This component of the project aims to incentivate the use of TDos with 3 inch as reguing in the otter trans fibers in Science 3 and a strutters. This component of the project aims to incentivate the use of TDos with 3 inch as reguing in the otter trans fibers in Mussings). Date: Aug 10, 2018	Harrison, Hancock and Jackson counties	Yes	NO N	D NO	No	Yes	No	No	\$ 540,000.00	\$ -	
Research and Education	5835	8/13/2018 Enhancing the monitoring and enforcement of TEDs in coastal Mississippi	NOAR Project DE12512. The aim of this project is to notice use turk population in the Galf of Maxes through enhancement of their protection in Missiogin cardinal enders. Source) with the ensures and indires should be travial and aliamed frames. See turk resolution will be achieved toop aliameting the achieved toop and their protection. In Missiogin ranning the information will be achieved toop aliameting the achieved toop and their protection. The Source of the achieved toop aliameting the achieved toop and aliameting the achieved toop aliameting the achieved toop aliameting the achieved toop and antibics. Too any aliameting the achieved toop aliameting the achieved toop aliameting the achieved toop and aliameting the achieved toop and antibics. Too any aliameting toop aliameting the achieved toop aliameting the aliameting the aliameting the achieved toop aliameting the achieved toop aliameting the achieved toop aliameting the achieved toop aliameting the aliameting the achieved toop aliameting the achieved toop aliameting the achieved toop aliameting the achieved toop al	Harrison, Hancock and Jackson counties	Yes	No	D No	No	Yes	No	No	\$ 600,000.00	\$ -	
Research and Education	5836	&/13/2018 Industry outreach and education on specially designed TEOS for the Mississippi skimmer trawf fishery	NOAR Project DE 13911. The aim of this project is to restore sea torks populations in the Galf of Mexics, particularly, kemplet": notifyed projection was made and more small provem the more small provide more share by another the project is for stores the total bulk indicates and total bulk indicates the dotates that indicate the total bulk indicates the dotates that indicate the total bulk indicates the dotates that indicate the dotates that indicate the dotates that indicate the dotates that indicates the dotates that indicates the dotates that indicates the dotates that indicates that dotates the total bulk indicates that dotates the dotates that indicates that dotates the dotates that indicates the dotates that indicates that dotates that indicates that dotates that dotates that indicates that dotates that dotate		Yes	No N	D NO	No	Yes	No	No	\$ 50,000.00	\$-	
Research and Education	5837	8/13/2018 (stablishment of a TED outreach and training team for Mississippi	NOA Project DE 1390. The aim of this project is to rotator sea turk populations in the Gulf of Mexic towayle nohancement of their protection in Missiogic catal water where small juncelies order alw this exercises and index their part tort and and alwance that their heir protection in Missiogic catal water where small juncelies order alw the exercise and index their part tort and and alwance that their heir protection in Missiogic catal water where small juncelies order alw the exercise and most their part tort and and alwance that their protection in the share that is failed by a small tort and a start in the most their protection in Missiogic manualities with a start of the angeo start and and ange of the start and alwance to a tort at the protection in Missiogic manualities with the most the start and angeo start and and angeo start and angeo start and and ange of the start and angeo start an	Harrison, Hancock and Jackson	Yes	No N	o No	No	Yes	No	No	\$ 656,000.00	\$-	
Research and Education	5841	¥/12/2028 Assessment of Antificial Liphting Impact on See Turties and Public Outerach on Mississippi Mainland Beaches	NOAR Project DB 1300C. Threatened and endangered as a untries utilise the maintain basches of Massiagui as nesting habitat. Artificial lights have been shown to reduce as a turitin entirg on adherivis stubile entity basches and cause intropiction of the structured in the same Test of basic project to conduct comprehensive rightme (highting enalutations) the basches of the Massiagui Gui coastine, including Guilper and Blaio. The intert of the surveys is to evaluate al valuele light from the basch with regect to their potential effect on a sturities. Blaid and a lightich' intertury, scalardo, distance from the basch, space of fasture and other relevant basch will be leaded from date with regect to their potential effect on as turities. Blaid and a lightich' intertury, scalardo, distance from the basch, space of fasture and other relevant back will be leaded from date will be reget to their potential effect on as turities. Blaid and a lightich' intertury and the location on the basch from which they were observed. When them, prosp. provide unification will be also all old cand busch on the basch from which they were observed. The location of scalar lightic structure and the location on the basch from which they were observed. When them spaces provide unification of the scalar back complexity of the structure and the location on the basch from which they excell structure and the location on the back from the basch. Space field they were observed. The lightic and diverse potentiations of the total back from the back from the back. The structure of the light structure and the location on the back from the back. Space diverse and the structure of the light structure requires the structure and the location of adverse potentiations of the total back from the back from	Jackson, 5 Harrison, and Hancock Counties	Yes	No N	D NO	No	Yes	No	No	\$ 175,000.00	\$ -	
Research and Education	5845	8/13/2018 Cat Island Visitor Access Facilities	NDAP hopes (DR13884 Viote access to the MPS part of classed along the north holen is difficult. The water is very hallow and boaters have to anoth the that of the distribution is a schedule of the distribution of the distrribution of the distribution of the distribu	Harrison County	Yes	No N	D NO	No	No	Yes	No	\$ 3,650,000.00	\$ -	
Research and Education	5846	\$/11/2018 Missiappi-sourcian/Wolf Watershed Restoration	NOAA Popic DE12300: The Desparate Hotson of upd Lacade direct, agenitate and long term haves to the Gulf of Monce, the Makalappi Sound and Missiagal/S ⁴ * Bay df J. Louis. Following deal update for the origin the origin the origin methods and popid on the health of Is bays and evaluants. In deal health of Heas bays and evaluants in deal health of Heas bays and evaluants. In deal health of Heas bays and evaluants in deal health of Heas bays and evaluants. The Mealth of Heas bays and evaluants in deal health of Heas bays and Heas and expansion of the roytes population in the Hub will health and evaluants of Heas and expansion of Heas head near the proper section that health of Heas head heat head in deal inductive at a heat heat heat deal head heat heat and expansion of the proper section and head heat inductive at a heat heat heat heat heat heat hea	Harrison, Pearl River, Stone and	Yes	NO N	o No	No	Yes	No	No	\$ 17,500,000.00	\$	

Re	esearch and ducation	5847	8/13/2018	Reduction of Marine Mammal Fishery Interactions through Demonstration and	NOA Poject IDI 12897. This poject is designed to decrease Interactions of marine mammalis with commercial throng traving gar. Dolphins are accessionally captured in shhring travits or estangled in the Laplace as a result of prediction on glied fails in the traval, with hundreds of mortalities estimated party are in the Guil of Mexico shring other traval failes), three, this prediction results in estensive traval dampace, creating hours of what to repart the result make interactions hundred in guilense or all legislations and instantation. The majority of shring estatus	Jackson, Harrison,	Yes	No	No	No	No	Yes	No	No		\$ 80	0,000.00 \$	-	
				Implementation of Better Techniques and Materials for Constructin Trawi Components.	settings of the card stands, creating only or works to tight in these interactions not insulated in dopings and papers and stands. The independence of the card stands and the card stands are been as a stand or the card stands and the card stands are been as a stand or the card stands are been as a stand or the card stands are been as a stand or the card stands are been as a stand or the card stand are been as a stand or the card stand are been as a stand or the card stand are been as a stand or the card stand are been as a stand or the card stand are been as a stand or the card stand are been as a stand or the card stand are been as a stand or the card stand are been as a stand or the card stand are been as a stand are and are and are and are and are and are as a stand are astand are as a stand are as a stand are as a stand are as a s	Hancock													
					and Polyphysien ents - Compare doplin interaction acta between buylies made from differing national using drones, optical ameras, and acoustic compare doplin interaction interaction rates between two bio-pik transk with differing and the dopling and the dopling gar. You gar and acoustic compare doplin interactions are complete the gars that demonstrates the lead doplin interactions will be grown away to a limited number of display and acoust with the requirement of their dopling encounted to the finite as using the gar. MMXG full conduct as the monitoring of the gars are complete with the requirement of their dopling encounted and the dopling and the dopling gar. Additional outrack will conducted at workshops for apcoming TED regulations where these new materials will be promoted. Date Aug 8, 2018														
Re	esearch and ducation	5849	8/14/2018	Quantification of nutrient and sediment loads into the Mississippi Sound and Mobile Bay to inform oyster management	NOAM Project IDE 13895: This project will be a comprehensive study of historical and current streamflow, sediment, nutrients, and other pertinent water quality data and corresponding uslinity, pathogen, and HAB responses to help inform optice management in the Massingly Sound and Mobile Bay. We intend to gather current and historical attractions water quality data (area 1380) (1) quarity autifies water hadge to the however entropy there exactly. Cleanses there there is neithere and nutrient to add from point and exactly. Big data there areas, it called to change and (2) project tends in nucleat or nonpoint sources. (2) ginther attraction water quality data (area 3400) to tends in shifting data compared to historical transfil provide. The tends related to change and (2) project tends in nucleat or other perturbation water quality lobals to tends in shifting data compared to historical transfil proves. This project life lifesting the tends in historical transfilles (2) project tends in the compared to this project. This project lifesting the tends in tends in shifting data compared to historical transfilles and any other tends related to change and (2) project tends in nucleat or other perturbation water quality lobals to tends in shifting data. (2) Advance 42, 2013.	Coastal counties in MS and AL	Yes	No	No	No	No	Yes	Yes	No		\$ 1,50	0,000.00 \$		
Re	esearch and ducation	5850	9/7/2018	BSL Downtown Amphitheater	The City of Buy Saint Louis would be an ideal location for an open-air amplitheater. The visual could be used for entertainment, musical performances, and local festivals. The amplitheater could also be utilized by city schools and local community organizations. An amplitheater in downtown Buy Saint Louis would be an asset and an economic benefit for the whole community.	Hancock	Yes	No	No	Yes	No	No	Yes	Yes		\$ 2,001	0,000.00 \$		
Be	esearch and	5853	10/15/2018	Sunset Drive to Dunbar Ave Sanitary Sewer	Project consists of cleaning, videoing, addressing point repairs for damaged sever main sections and lining of sever main and manholes to prohibit bypass of sanitary sever during heavy rain events.	Hancock	Yes	No	No	No	No	No	Yes	100 Yes		\$ 35	0.000.00 S		
Ec	ducation esearch and	5854		Improvements Lift Station Repair at Ramoneda St.	This section of sewer main is one of the oldest sections in the city and has continued to degrade over the years. Project consists of pump station upgrades to include new pumps, internal wet well rehabilitation with new discharge pipes and valves. Iner of wetwell and bypass valves installed near the valve box.	Hanrock	Yer	No	No	Var	No	Var	Var	100 Yes			0.000.00 S		
Ec	ducation	J634	10/13/2018		Project consists or pump station upgrades to include new pumps, internal wet weil renabilitation with new discharge pipes and valves, liner or wetweil and oppass valves installed near the valve dox. This pump station is continually in a state of disrepair and undersized to handle existing demand. Also, during heavy rain fails the pumps are over worked causing periodic bypass of sanitary sewer into the nearby environment.									200 1185		\$ 25			
Re	esearch and ducation	5855	10/25/2018	William Carey University College of Osteopathic Medicine at Tradition	William Carey University is a private, non-profit university with an in-depth history in the State of Mississippi, dating back to 1892. William Carey University (William Carey) provides quality educational programs which challenge the individual student to even in order to even in a diverse student of the same structure of the student of the same structure of the same st	Harrison	Yes	No	No	No	Yes	No	Yes	83 Yes		\$ 60,000	0,000.00 \$		
					programs within the many memory and the second of the seco														
					University has recently reached a significant milications with its School of Paramacyl ⁴⁴ 's completed contructions and its inauguel does of 57 students admitscrate the part July, with the capacity of 92 students and the campion of a large full-time equivalent plus. This School of Paramacyl entire ever a scattered board of the Campion with an innovable cardination that provides students with the localedge and allulat required to exist an entry level practitioner. William Caregad ⁴⁴ 's School of Paramacyl is determined to make a difference in the leves of those who suffer form health busies are a dideted, being in gind adduces addition and admin.														
					In the sprog of 2018, Southern Mississippi Reaming and Development District commissioned Adulus, Lafer, and Moore Econometric and The University of Southern Mississippi Reaming and Development District commissioned Adulus, Lafer, and Moore Econometric maps of a Healthane Reader Old Larent Tadition, Model 2019, the encounties impossible at a Martin Societary and Southern Mississippi Reaming and Development District Commissioned Adulus, Lafer, and Moore Econometric maps of a Healthane Reader Old Larent Tadition, Model 2019, the encounties impossible at a Martin Societary and Development District Commission of Adults (Lafer Adults), and the sprove that a Counter of Adults (Lafer Adults), and the sprove that a product to an experiment in Advance at a counter of the Societary and Development District Commission of Adults). The Societary of Tadito Madel 2019, the sprove statisticary of the societary and the societary of the societary data and the societary datat														
					Triangle Park In North Carolina. Based on these findings, the continued growth of William Carey and Tradition will make the Mississippi Guil Coast a global destination for healthcare, research and medical education while creating an economic development and job creation engine for the region and the state. As the first institution of higher learning to locate in the Tradition Medical City, William Carey has pervised enter work includes to partner with industry-recognized collaboration and has acceeded their owner persistions with their studiog campus at Tradition. Such a partnership include Mississippi Guil Coast Community Collegade ¹⁰ s Bryant Center School of Nuoring and Simulation Lisk, and Simulation Lisk.														
					Gulfport&"s Memorial Clinic at Tradition, and the National Dabetes and Obesity Research Institute (NDOR). Following the success of their School of Pharmacy, William Carey is planning to expand their medical offerings by opening an additional College of Osteopathic Medicine at the Tradition Campus. The development of the new College of Osteopathic Medicine at Tradition will allow for an enhanced partnership with INODR and their efforts to reduce diabetes and bearly in the State of Ministripo. As direction the statebox economic impact study. In 2015 See 371,202 Unitscappian affected to Ministry Inter School and their strete Statebox (Whin entry 1 in 6 Ministrybian affected by diabetes).														
Re	esearch and ducation	5861	11/14/2018	Biloxi Career and Workforce Training	The Block Career and Workforce Training (BCW) program neolved from an economic security grant funded by W. K. Kellog Foundation and avarded through JLC and LLC and LL	Harrison	Yes	No	No	No	Yes	No	No	Yes		\$ 31	0,000.00 \$	3,500.00	
		5864			participants to Helper/Agenetics level. The general construction curriculum content is presented from NCER Care Curriculum. Internatively card Salt. The general construction curriculum constits of OSMA affer, councilion math, balegen cardiocard Salt, identification of Osas and material estimation and classroom/in-the-field training experiences. Participants conclude the training by visiting worksites to practice job and environmental safety.	Pearl River									Since t		0.000.00 \$		
Ec	esearch and ducation	5864	12/14/2018	Pearl River County Open Broadband Fiber Internet	Objectives - heart New County Deem Roadbaad Fiber Internet is an exploration of the economics and methods of providing open access high-speed broadband fiberopic internet access to all of the county. Open access provides the fibropic fittranstrum while providing equal access to internet service provides to service their customers. Fiberopic infrastructure installations are essentially infinitely wide thus only the electronic limit the speeds provided to the customers.	Pearl River County	Yes	No	Yes	No	Yes	No	Yes	Yes	Since t	his \$ 50	0,000.00 \$		
					There is life to no competition for alfordable high-goed internet in the courty if it is available at all. What is available is other low speed or unaffordable for the majority of the residents. Broadward is not and ordany potick. It is evaluated infrastructure for the platform on which not commerce now dependent. Thas high attract you cost that take yous to receive. When telecommunications prices are too expensive or pareed too slow and unreliable, all busineses and residents suffer. Much like towns bypaxed by canati, nil, or highways, future prospects are bleak for communities without adequate access to the internet. Communities that do not invest in their own next generation networks will likely not see any significant boadband investment in the near future.														
					banefits: Resentin include enoughing economic development, increasing access to education, and improving the quality of Ide. Many of the benefits are indicate: a pullower effects in economic terms. Lower prices for telecommunications envires mean more money in household and business budgets, and new jobs and business expansions mean increased tareenuse for local governments. These benefits to the community result in an direct benefits to the environ of works where the second target tareenuse for local governments. These benefits to the community result in an direct benefits to the environ of works. The site of the second target targets are the lower. This projective mission allows it to incerporate indirect banefits to the environment give the environment. A private company evaluate its success in some respects based on the amount of moore that favor from the hout community of usafut methods and business the money left in the normality.														
					Activities & "Grant funds will be used for forming a board of directors, consulting with the various advocacy organizations, obtaining legal advice, attending trade shows to evaluate vendors, providing accounting, and various ancillary expenses.														
					Expected Outcomes Sf: The busines plan will be the ultimate goal of this project. It will determine the bugget, sources for funding, methods and routes for floridania flandscore, and organizational structure. The expectation is that the recent population increase will eventually be accelerated due to the commic benefits of attracting plos due to the of floridania flags.														
Ec	esearch and ducation	5865	1/7/2019	Hickory Creek Headcut stabilization	Hickory Creek, along with White Corpress Creek and Catabado Creek, make up the upper Jourdan Tiver Watended. They are all downcutting, each with an it's care that migrates upptrasm. The one on Nickory Creek, in this and Michael Creek, make up the upper Jourdan Tiver Watended. They are all downcutting, each with an it's care that migrates upptrasm. The one on Nickory Creek, in this care Michael Creek, make up the upper Jourdan Tiver Watended. They are all downcutting to the Michael Creek, make up the upper Jourdan Tiver Watended State, is a Journal in appearance. However, it down a Jange watended fold/all together operations are upper Jourdan Tiver Watended State, is a Journal of Tiver State State, and and the How Creek. The these scales may be a transmitted to the Jourge State State, and and the How Creek State, and and the How Creek. The these scales may be a transmit and the How Creek and the Long State State, and and the How Creek and the Long State State, and the How Creek and the Long State State, and the How Creek and the Long State State, and the How Creek and the Long State State, and the Long State State State State, and the Long State S	Hancock	res	16	16	Tes	fro	Tes	res	Yes		5	- 5		
					incidentally all tributivies that enter the downcut streams have to downcut as well to reach grade. There are two main tributaries and one smaller one on the applicant's property that should receive similar treatment, although on a smaller scale.														
Re	esearch and ducation	5866	1/14/2019	Manatee Rescue and Rehabilitiaton Center in Mississippi	Although the West Indian mustare (Tricherdum monato) has historically ranged throughout the sudheastern United State, in recovering population in services and number of ensuits intereding throughout the scatal waterware, of Alabam, Makisalay, and Casianas, Stitt, this is a valencele species respiration generating and the scatal section of the scatal section of the scatal section of the scata section of the scatal section of the scata section of t	Harrison, Jackson, Hancoci	Yes	No	No	No	No	Yes	Yes	10 No	Rescue	an \$ 5,001	0,000.00 \$	÷	

Research and Education	5870	111/2013	Gigabit Gulf Coast and High-Tech Workforce	Message fail Cast Community Callege programs the Guiglet Guil Cast and rajks fail Cast and rajks that may not a set of the interactive tailow mails to method the Met Castal Cast in the method of the read of the value of the set of the castal Castal Cast in the set of the castal Cas	Harrison	165 NO	NO	NG Y	C N 0	TES	13 105	5 26.000,00000 S	-
Research and Education	5873	2/20/2019		renn: experience in the courses of the Maxingp Costant Plan. LTMCP utilities both fee simple and conservation essement tools in conservation (line of maketa, species, and recreation. The Land Table As conservation essement on appointance) 1 mill of the Wolf Bine Front Art 101 as patternish with the Maxingh Ord Land. The State of Maketa, species, and composition decided to conservation (line) researching and protecting the Wolf Biner and Kin state) of the Wolf Biner Conservation Science Wolf and a velicity. The State of Maxingh Ord Land Land Conservation (line) and the species of the State of Maxingh Ord Land Conservation (line) and the species of the state of the species of the species of the state of the species of the state of the species of the state approximately 1 state of the species of the	Harrison	Yes Yes	: Yes	Yes h	io Yes	No	Yes	\$. \$	
Reserch and Education	5874		Center	Depth MusicippileT ² relatively hort castine, the Musicippi Cast produces an advantace of natural resource and economic impact. Castal Musicippile was one renoved a Kasthe standor capital of the work GMR/were vector approximately 900 of the flux castal in Linking Markar and Provide Target Castal Musicippile and protected of densities thring and is along producer of densities that and oth-balls target are produce. To Approach Tele Markar and the standard provide the flux castal in Linking Markar and the standard of the Musicippi standor dinductry generates tard is consolid in the standard and the standard and the standard and the standard of the standard of the standard and	Harrison	Yes Ve	NO NO	No N	D NO	Yes	100 Yes	S 13,700,000,00 \$ 500	.000.00
Research and Education	5875		The Lower Parel Piper Watershed Informemetal Guschion and Naive Paral Restoration Center at the Crosby Arboretum in Picquine	London: Required, Missiagpi London: Required	Pearl River	Yes No	No	Yes h	IO NO	Yes	100 Yes	s 9,700,000.00 S	
Research and Education	5873	2/20/2019	Wolf River Weyenhauser Land Protection	The Last True for the Maxing Difference of the Construction of the	Harrison	Yes Yes	Yes	Yes N	io Yes	No	Yes	s · s	- Land Acquisition

Research an Education	nd 5	5874 2/	21/2019	MSU Northern Guil Aquate: Food Research	Despite Musicipal's relatively host costifies, the Musicipal Gulf Casel poduces an abundance of natural resources and economic impact. Castal Musicipae's relatively host of the source of a Musicipae's Rule of the Rule of the Source of the Rule of the R	1 Harriton	Yes	(es	No 1	40	No	No Y	85	100% Yes	\$ 15,700,000,00	S 500,000.00	
Research a Education				The Load Phot Phot Phot Waterheld Informerina & Education and Adulter Meet Restoration Conter at the Crosby Alboretum in Regione	Likeback organization of survey and examples of functions are collined toritudively as below. Likeback memory have been been been been been been been be	Pearl River	Yes	No	No Y	es	No	No Y	er 5	100% Yes	5 9,700,000,00	ş -	
Research a	nd S	5876 3	/4/2019	Unmanned Aircaft Systems (UAS) for Disaster Relief and Response	Missinging if first reponders have a substratial need for relations, prioritized and on-demand aneral imager and other alternare, papabilities to support stratical distant such as of i galls, humicines, floods and first. Alternare imager provides us to the minime information to support stratical discussion on the alcension of response personnels, equipment and capabilities to suve lives in the immediate alternary between the substration. Uncommond alcend Strates (LMS) are capable of providing high-quality, prioritized and persistent aerial imagers (social or fersionse personnels, equipment, and experiment). - Up to 12 hours of uninterruptet, high-resultion imager or communications relative quality in a single mission; - 0- demand prioritized and are faultication of capabilities at the discolor of the on scene commander; - Beller of medical supplies and support to areas that are inaccessible to first registrates and a single flight; and - Reduced operating costs per light hour when compared to many manned alcraft. The routine and normalized employment of UAS to support disaster response and relied efforts provides an exponential increase in Mississippi's capability to restore services, limit damage to critical Infrastructure, and to are line areas that are increasible and relied efforts provides an exponential increase in Mississippi's capability to restore services, limit damage to critical infrastructure, and to area increasible.	George,Harrison, Washington,Orie ans,Perry,Forrest Pearl River,Jackson,St Tammany,Stone, Hancock,Mobile	Yes	8	Yes Y		Yes	Yes Y	85	72% Yes	\$ 3,250,000.00	\$ -	
Research a				Coastal Environment Land Protection	The Lard for the Massiagi Castal Plan (LTMC) is an accretited Lard Trust dedicated to the consention, promotion, and protection of gene paces and gene places of ecological, cultural, or scienci significance in the countes of the Massiaging Castal Plan. If MCV ultites both is emplaned and conservation essement tools in conservity gale for the benefit of habitatis, posiei, and recreation. The Land Trust holds a conservation essement on approximately 13 miles of the WMI flower film for 10 the partnership with The WMI flower film holds. The Massiaging and protecting the WMI flower film for 10 the partnership with The WMI is the sent of the Massiagin and massian conservation accent the Massiaging and protecting place the WMI flower and a sent film holds that the Massiagin and massian of the Massiaging and protecting place that would equad to massian of the Massiaging frage traces to executely at the WMI flower and a water the paragradient and matchines of the Massiaging frage traces to executely at the WMI flower and water the Massiaging frage traces to executely at the WMI flower and water the Massiaging and protecting related the Massiaging frage traces to executely at the WMI flower and water the Massiaging frage traces to executely at the WMI flower and the Massiaging frage traces to executely at the WMI flower and the WMI flower and the Massiaging frage traces to executely at the WMI flower and the Massiaging flower and WMI flower and the Massiaging flower and Massiaging flower and WMI flower and the Massiaging f	r Harrison	Yes	(es	Yes 1	'es	No	Yes N	D	Yes	\$.	s -	Land Acquisition
New Research an Education	nd S	5874 4	/4/2019	MGI Northern Gulf Aquatic Food Research	Imposed Mexistrage's relatively how costantine, the Ministrage Gulf Castar pendeces an advanced or dinarial resources and economic impact. Castard Ministrage was more resourced as the selected capital of the work, "body approximately Wolf to the final comment in the United State are imported. The term Gulf Castar Demotry of the matter's organization of the matter's dynamic synamizes and support of the matter's organization and created 2000 pices. As a composition of this indiviry well and work was an experiment of the matter's organization in terms and an advance of the matter's dynamic produces and the community. The support of the matter's dynamic produces and the community of the support of the matter's dynamic produces and the community of the support and the community of the support of the matter's dynamic produces and the community of the support of the matter's dynamic produces and the community of the support of the matter's dynamic produces and the community of the support of the matter's dynamic and the community of the support of the suppo	Harrison	Yes	(e	No P	10	No	No Y	25	100 Yes	\$ 15,700,000.00	\$ 500,000.00	

Research and	5875	4/8/2020	9 The Lower Pearl River Watershed	The Lower Pearl River Watershed Environmental Education Center and Completing the Unbuilt Arboretum	Denal Divers	Mar	Ma	Mar	Max		In Van		Mark	\$ 9,700.000.00		
Education	36/5	4/0/201	Environmental Education and Native Plant	The Lower rean ever watershot shuronmental Education Lenter and Lompleoing the Unbuilt Arboretum Location: Plezulen, Mississippi	. want telWEI					10	res	100		\$ 5,700,000.00		
			Restoration Center at the Crosby Arboretum	Environmental Education and Tourism: The primary objectives of this project are 1) to construct the Lower Pearl River Watershed Environmental Education Center at the Crosby Arboretum in												
			in Picayune	Environmental Education and Tourism: The primary objectives of this project are 1 to construct the Lower Pear River Watersheed Environmental Education Center at the Crossly Aboretum in Picayune, Mississiph following the designs of E. Fay Jones, and 2 to increase to unitism and access to the Crossly Aboretum, located adjuscent to the 1/59 Mississiph Watersheed Center at the construct the tower Picayune, Mississiph following the host site for Picayune, Mississiph following the designs of E. Fay Jones, and 2 to increase to unitism and access to the Crossly Aboretum, located adjuscent to the 1/59 Mississiph Watersheed Center. The host site for Picayune, Mississiph following the designs of E. Fay Jones, and 2 to increase to unitism and access to the Crossly Aboretum, located adjuscent to the 1/59 Mississiph Watersheed Center. The host site for Picayune Mississiph following the designs of E. Fay Jones, and C. Fay Jones and Center at the Crossly Aboretum in Aboretum Center at the Construction of the Center at the Center at the Center at the Center at the Crossly Aboretum in Picayune Aboretum in the Aboretum in the Center at the Cente												
				the proposed Environmental Education Center is the nationally renowned and award winning public garden. He Crossly Arboretum, which is offers a 65 are native plant conservatory and and rail system												
				that highlights sustainable management of habitat types that are key to a healthy Pearl River watershed. The Environmental Education Center will provide a peaceful and educational attraction that												
				will appeal to travelers and locals where they can stop in to explore and learn about the primary native habitats and ecosystems found along the Lower Pearl River Watershed. This new state-of-the- art. systalnabit-constructed Environmental Education Center will feature habit-on exhibits that address the main issues invacting the resiliency. stream health, and biodiversity of the Pearl River												
				art, sustainabij-constructed Environmenta Education Lenter will reature nano-on exmitis that abortess the main issues impacting the resulency, stream nearm, and bolowiersky of the rean kiver watershed's habitas. The Center and its skillibis will educate violators on the benefits or a habitas impacting the resultive violation of the ownstream coastal												
				water quality. One of the proposed interior exhibits will be dedicated to interpreting the impact of the 2010 Deepwater Horizon oil spill and its impact to the lower Pearl River. These indoor exhibits,												
				along with the restored outdoor exhibits and trails of the Crosby Arboretum, will provide for a dynamic and unforgettable visitor experience. Additionally, the Environmental Education Center's												
				training classrooms and conference rooms (including distance learning capabilities) will allow for teaching of audiences of all ages and for a greater impact and reach of educational programs and events currently offered at the Crosby Arboretum, which in 2017 included 44 programs and events benefiting 2,828 participants. The potential tourism and educational impact of the Environmental												
				events currently one at the closely induced in which in some of programs and events beneficing provides access to specificate during in a document of the closely induced in the closel												
				educational programming addressing coastal region issues such as environmental resiliency, habitat restoration and conservation, ecotourism and heritage tourism promotion and marketing, to name												
				only a few. These educational events are offered to not only the public but also to K-12 students, garden and naturalist clubs, among others. The Crosby Arboretum is also home to a Mississippi landmark structure, the Pinecote Pavilion, designed by renowned architect E. Fay Jones, a student of Frank Lloyd Wright (Figure 2). This pavilion draws tourists from around the world and will continue												
				and max sourcure, the intervence environmental and current constrained terms as a source to compare any maximum current compare an												
				and a Pinecote Art Gallery that will display the work of selected regional artists throughout the year. In addition, to support the research function of Crosby Arboretum and Lower Pearl River												
				Watershed Environmental Education Center, dormitories will be constructed to house interns and student researchers who are visiting the facility to learn and conduct research. In order to support increased tourism access and opportunities for tourism expansion in Pearl River County, a partnership is being proposed between the adjacent 1-59 Mississippi Wekome Center and the Crosby												
				Increased tourism access and opportunities for tourism expansion in real niver Lounty, a partnersing is being proposed between the adjacent (>> mississipp) welcome Lenter and the Lrossy Achoretum. This project size proposes the construction of a road and walking bath from the I>9 Mississippi Welcome Lenter and a partner in the I>9 Mississippi welcome.												
				Center to support the increase in visitation to the Environmental Education Center and Crosby Arboretum that will result from the connection between the 1-59 Mississippi Welcome Center and the												
				Arboretum. The proposal also requests funding to cover the expanded operation of the Crosby Arboretum and the proposed Environmental Education Center for ten years thus allowing access without a fee and increasing tourism. Additionally, an interpretive kiosk will be constructed in or adjacent to the Welcome Center to direct the tourists to the Education Center and other parts of												
				windout a net and increasing tourismit, Additionally, and meet pretive works will be considered in it adjusterit to the eventione center to unless the the consist to the evaluation center that other pairs of Picayune and Pearl River County. This partnership with an interstate welcome center is nothing new. It is similar to the connection between the Infinity Science Center with the 1-10 Mississippi												
Research and	5876	4/16/201	9 Unmanned Aircraft Systems (UAS) for	Mississippi's first responders have a substantial need for real-time, prioritized and on-demand aerial imagery and other airborne capabilities to support natural disasters such as oil spills, hurricanes,	George,Harrison	n, Yes	Yes	Yes	Yes	Yes	io Yes	72	Yes	\$ 3,250,000.00	s -	
Education	1		Disaster Relief and Response	floods and fires. Airborne imagery provides up-to-the-minute information to support critical decisions on the allocation of response personnel, equipment and capabilities to save lives in the	Washington,Orl											
	1	1	1	immediate aftermath of a disaster situation.	ans,Perry,Forre	st,								1		
	1	1	1	Unmanned Aircraft Systems (UAS) are capable of providing high-quality, prioritized and persistent aerial imagery for sustained periods. Today's UAS technologies can provide:	Pearl River_Jackson_St									1		
	1	1	1	Up to 12 hours of uninterrupted, high-resolution imagery or communications relay capability in a single mission;	Tammany,Ston	с,								1		
	1	1	1	On-demand prioritization and re-allocation of capabilities at the direction of the on-scene commander; Delivery of medical supplies and support to areas that are inaccessible to first responders:	Hancock,Mobile	e								1		
	1	1	1	Delivery of medical supplies and support to areas that are inaccessible to first responders; eleifor from aircrew limitations due to the ability to rotate creasy over the duration of a single flight; and										1		
	1	1	1	Reduced operating costs per flight hour when compared to many manual arrange ingit, and Reduced operating costs per flight hour when compared to many manual arrange.										1		
	1	1	1	The routine and normalized employment of UAS to support disaster response and relief efforts provides an exponential increase in Mississippi's capability to restore services, limit damage to critical										1		
	1	1	1	The routine and normalized employment of UAS to support disaster response and relief efforts provides an exponential increase in Mississippi's capability to restore services, limit damage to critical infrastructure, and to save lives.										1		
	1				I											
Research and Education	5877	4/16/201	9 Coastal Environment Land Protection	The Land Trust for the Mississippi Coastal Plain (LTMCP) is an accredited Land Trust dedicated to the conservation, promotion, and protection of open spaces and green places of ecological, cultural, or scenic significance in the counties of the Mississippi Coastal Plain. LTMCP utilizes both fee simple and conservation easement tools in conserving land for the benefit of habitats. species, and	Harrison	Yes	Yes	Yes	Yes	No	'es <mark>No</mark>		Yes	\$ -	s -	
coucetion	1	1	1	recreation. The Land Trust holds a conservation easement on approximately 18 miles of the Wolf River North of 110 in partnership with The Wolf River Conservation Society (WRCS). WRCS is a non-										1		
	1	1	1	profit corporation dedicated to conserving, managing, and protecting the Wolf River and its watershed from its headwaters in Lamar County to its termination at the Bay of St. Louis. The State of										1		
	1	1	1	Mississippi has classified the entire length of the Wolf River as a Fish & Wildlife stream to protect recreational use and the propagation and maintenance of a healthy, well-balanced population of fish										1		
	1	1	1	and wildlife. The Wolf River is also Mississippi's first scenic stewardship stream. The goal of this project is to establish funding to purchase individual parcels of land totaling Å-428.5 acres, located in areas identified as crucial to connecting continuing corridors of conservation land.										1		
	1	1	1	The Wolf River Conservation Society has identified these sites based on locations that would expand conservation corridors previously established by the State of Mississippi, North of 110, in Harrison										1		
	1	1	1	County which total approximately 1320 acres managed by the Mississippi Department of Wildlife, Fisheries, and Parks. These properties are all tidally influenced, and consist of both estuarine marsh and bottom land hardwood habitats.										1		
	1	1	1	Ecological Value: +Protects properties as a buffer area for storm surge by providing dispersal and displacement in the event of flooding waters. These flooding waters have a natural function of										1		
	1	1	1	turnover and flushing of coastal wetlands. • Protects areas that provide clean water for our natural resources along the Wolf River and into the Bay of Saint Louis. • Provides valuable habitat for a wide										1		
	1	1	1	variety of plants and animals native to Mississippi, as well as migratory birds. •Establishes a protected nursery ecosystem for marine life. •Opportunities for low impact recreational activities such as kayaking, bird watching, fishing, and other wildlife observation •Extends and connects corridors of conservation land.										1		
	1	1	1	seyeming, unu waikining, initing, and utire winune observation *extends and connects corribors or conservation land.										1		
		1														
Research and	5878	4/17/201	9 Billoxi Upstream and Downstream Storm	The people that live, work and visit the Biloxi peninsula are all within a few hundred yards of the Biloxi Back Bay or the Mississippi Sound and their actions have immediate impacts on the environment	Harrison	Yes	No	No	No	Yes	es Yes	0.0	Yes	\$ 2,080,000.00	s -	Land Acquisition
Education	1	1	Water Education and Community-Engaged	because all the stormwater runs into marine water either directly or by way of one of several bayous leading to the Back Bay. In the past few years most of the streets and the storm drainage systems												
	1	1	Green Infrastructure	on the peninsula have been or are being replaced, a situation that is positive as far as moving stormwater out of streets but will increase the stormwater impact on the bayous and back bay with more and faster moving storm water. What is more, the construction work itself has impacted the natural waterways due to increased silt running into the bayous from unpaved roads. The time for the										1	[
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				Biloxi peninsula is right for a comprehensive community-engaged stormwater management campaign that improves and creates both upstream and downstream green infrastructure. Upstream, the project will improve the quality and quantity of water that enters the storm drainage system with four related activities:												
				Bloal peninsula is right for a comprehensive community-engaged stormwater management campaign that improves and creates both upstream and downstream green infrastructure. Upstream: the project will improve the quality and quantity of water that enters the storm drainage system with four related activities: Liberironmental decision with Bload Multer School students.												
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The purpose of the project is to cultivate lifeling curiosity and connection to place through the convergences of culture, economy, education, and the environment. As American author Wendell Berry writes, & Cathelither nature nor people alone can produce human sustance, but only the two together, culturally wedded ddl	
Art, ans a force for meaning-mail quarket cultural the storage of the Gal Casa's realisers, Valuer Anderson's as at combutes to the region's public education systems, tourism and company, and conservative of the Gal Casa's realisers, Valuer Anderson's as at combutes to the region's public education systems, tourism and company and company and company and barbary and policy the tameri talkabus and barbary of equipments the tameri talkabus and barbary of equipments the tameri talkabus and policy and policy televations of galitoin for	
WAMA's partners in science and restoration, including The University of Southern Mississippi Marine Education Center and the Grand Bay National Estuarine Research Reserve, are looking to art to communicate about complex systems. MER/OU goal is conservation, but conspilated MEBay Dr. Ayesha Gray of the Grand Bay NERR.	
StaceConnecting nature, at and science is part of the heritage of the Guid Coast and that legacy is exemplified by Walter Anderson's work, StElays Kelly Luca, Ph.D., Interim Associate Vice President for Research of Coastal Operations and Director of the Thad Codmin Marine Aqueculture Center at The University of Mississipul.	
Add/Water/Address in STL data trait of the Gulf of Mexico Just. E Date in Its Pullater Price writing environmental history. The Gulf The Making of an American Sea ³ . Additionary to the feesting of equipartic and least traits of the Gulf of Mexico Just. Budden State Price Pullater Price writing and the state Pullater Price writing and the state Pullater Price writing and an advised the state Pullater Price writing and an advised from the State Pullater Price writing and	
This at history sets the stage for programs and escursions, both on land and water, that merge recreation, observation, and creative communication with geographical study, microplastics sampling, leach restoration, ceasing apply, and environmental scales. Programs at the completed Creative Complex will focus on five areas: Nature and Conservation; Science and Technology, industry and business, Culture and Conservation, and and creative).	
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and capabilities to conduct reaces and rehabilitation actives within this region as well as coordinating with hosh State and Federal approxima. Following the Despentite Hosinos (Wing) (10) (20) in 1020), MMS hait series within the region as well as a larger transitions, mannals. This structure was originally intended to be temporary and allow MMS to respond to the spill above. This construction is the structure of the structure st) \$ -
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			4/30/2020 Enhancing Gulf Waters through Forested	Overview of Proposed Activity	Hancock.Stone.S										30.000.000.00		
	Education		Watershed Restoration	All contents of the second process of the se	Tammany, Mobile Jackson, Forrest, Lackson, Forrest, Son, George, Perr Pearl River	, , , y								~		, .	
New	Research and Education	5903	4/30/2020 BC Sustainability and Restoration Initiative	Priority Chreats information The project illegraphy dop on projects from 2015 NBDA funding received by NNRITY Science Center that would introduce the importance of sustainability and renewable energy as valuable aspects of restoration and future protection of wetland cocoptems. Electricity that is non-source and requires the use of food funding test of the second science of a science of the second science of the se	f Hancock	Yes	No	No	Yes	No N	lo Yes	5	50 Yes	5	2,000,000.00	\$ -	
New	Research and Education	5904	4/J2/J2020 A comprehensive mains debts intervention strategy to help notice use burtles in the Guil of Mexico	INDA Proper T084231. Overaching Gash Related to Reuse to July Contribute to the recovery of sea turbs epoplations juried by the BF all distance type descriptions gained from and present and contrast distance and present of manual desists and descriptions gained. The SF all distance type descriptions gained from and desists and descriptions of presents of manual desists and descriptions of the SF all distance type descriptions gained from and desists and descriptions and descriptions of the SF all distance type descriptions and		Yes	No	No	No	No N	60 No		No	\$	5,500,000.00	s -	
New	Research and Education	5907	5/2/2020 Reduce Hwmful and Lethal Impacts to Dolphos from Illegal Feeding Activities	IDAM Project (DI 1213): 11 ha been well documented from one than 30 years that illigapity feeding wild doplans can bed to a survey of high via structures that galas both doplans and people is darger (Constignation will ad 2, 200, 2004; 200		Yes	No	No	No	No N	io No		No	s	1,500,000.00	\$ -	
New	Research and Education	5911	5/2/2020 Micro-enfegia for shorebirds and asabirds - An incentive based project	INDA Project IDH4311 The Gulf Coach tak deny been instrelled as moreblay important for shorbind and stability, with threats of shorbind advanced toom, and threat factors continuing includes insight their polarisol advanced toom is a been factor and threat factors continuing includes insight term polarisol and threat factors continuing includes insight term polarisol and threat factors continuing includes insight term polarisol and threat term factors and threat factors continuing their polarisol in the strength term polarisol and threat factors continuing their polarisol in the strength term polarisol and term provides the factor goal in the strength term polarisol and	2	Yes	No	No	No	No N	io No		No	\$	500,000.00	\$ -	
New	Research and Education	5913	5/2/200 Experimental Oyder Lasses a Platform for Demonstrating Effective Restoration Practices	INDA Project DIFAIDIT The ostimute lab of productivity from opter refs in the northern Gulf of Matices remains a critical endogical and economic was for the fragmonic program. The approximation of the innovative regional project. We propose the establishme of direct fragmonic fragmonic program in the direct productivity of the Matisappi, Louisan and Alabamic castal values in the Matisappi Louisan and Alabamic castal values in the Matisappi Louisan and Alabamic castal values in the mean of the provide science based endoged and the mean of the mean of the Matisappi Louisan and Alabamic castal values in the mean of the mean of the Matisappi Louisan and Alabamic castal values in the mean of the mean of the Matisappi Louisan and Alabamic castal values in the mean of the mean of the Matisappi Louisan and Alabamic castal values in the mean of the mean of the Matisappi Louisan and Alabamic castal values in the mean of the Matisappi Louisan and Alabamic castal values in the mean of the Matisappi Louisan and Alabamic castal values in the mean of the Matisappi Louisan and Alabamic castal values in the mean of the Matisappi Louisan and Alabamic castal values in the Matisappi Louisan and Alabamic castal valu	Harrison	Te;	No	No	No	NG N	60 No		No	5	23,825,000.00	Ş -	

New	Research and	5910	5/2/2020 Reducing sea turtle buratch at shore-bares	NOAA Project ID#13584: This project idea focuses on addressing bycatch of sea turtles at shore-based locations that concentrate recreational fishing (fishing sites), such as fishing piers, bridges, and	1	Yes	io II	No	N	No	No	No		1 000 000 00	¢ -	
	Education	3310	recreational fishing sites	after brokens structures, and would retarts for injured ass turities by reducing this bycetch. The goal of the project would be to identify factors (e.g., bath project controllate) to the index discussed association of the project would be to identify factors (e.g., bath project controllate) to the index discussed association of the project would be to identify factors (e.g., bath project controllate) to the index discussed association of the project would be to index discussed association of the project would be to index discussed association of the project would be to index discussed association of the project would be to index discussed association of the project would be to index discussed association of the project would be to index discussed association of the project would be to index discussed association of the project would be to index discussed association of the project would be to index discussed association of the project would be to index discussed association of the project would be to index discussed association of the project would be to index discussed association of the project would be to implemented a project by the project would be to implemented association of index discussed association of index discused association of index d					No		NU	NO				
New	Research and Education	5923	5/2/200 Identifying sea turtle interaction hotpots the Guild Mexico animp fubery using passive acoustics	In NOA Project 1091283 in the subheastern U.S. shrump finders, Turte Educider Devices (TED) have been shown to be 7% effective at excluding turters, towers, the effectiveness of TED surgity of deprined to other compliance with programs to deprine and (MM) regrams, which operates in the Guid State could of the MMS Pracegolul Jab. The GMT works with the fibring industry to improve their knowledge and understanding frame (SMT) regrams, which operates in the Guid State could of the MMS Pracegolul Jab. The GMT works with the fibring industry to improve their knowledge and understanding frame. The surgitary devices and the surface state of the MMS Pracegolul Jab. The GMT works with the fibring industry to improve their knowledge and understanding pracefic areas of the MMS Pracegolul Jab. The GMT works with the fibring industry to improve their knowledge and understanding pracefic areas of the MMS Pracegolul Jab. The GMT works with the fibring industry to improve their knowledge and understanding pracefic areas of the MMS Pracegolul Jab. The GMT works with the their gene of the Jab. Sci. Jab.		Yes	io I	No No	No	No	No	No	~	\$ 3,200,000.00	5 -	
New	Research and Education	5927	5/2/2020 Modeling bird populations across the Gulf Mexico to inform restoration planning	of INOA Project IDF12056 Robust assumement of third population trends and their drives are exercised to inform selection of priority spaces and habits for conversion and retreations. The source management and conversion and exclusion trends are used to the substantial marginary needs to solve which age exists and which habits and regions are exclusion from selection of priority spaces and habits for conversion and retreations. Therefore, projection are the first of inframe and exclusions the marginary energy in an accessible formation treating value and which habits and regions are exclusion from and the inframe decisions that priority thirds and and over charge on the substantiality and regions of the marginary frame decisions. Therefore, projections to made efficient and information much be barrend and divers charge on the substantiality and regions of the accessible from more barrend decisions that are relationed analyzed in the exclusion of the analyzed benerge of the accessible from		Yes h	40 I	No No	No	No	No	No		: 1,500,000.00	\$ -	
New	Research and Education	5928	5/2/2020 Developing a Guif-wide bird population database to inform restoration planning	NDA Project ID# 12G4 Across the Guif of Mesos, bet outmanufes and the halitat that support them are threatmed by many concurrent and paregists the indicate instruments including human development, disturbances sub- and outputs into the sub- development development. Most Answer and Status to Norma and Assessment and Status Statu		Yes ۸	40 I	No Ne	No	No	No	No	4	1,200,000.00	s .	
New	Research and Education	5930	5/2/202 Coordinated Monitoring of Birds for Protocol and Conservation across the Northern Gulf of Mexico	NDA Phope: THE 1225 links are samplicous and mentality naturel resource of the Gulf Mexica with humber of species well billines of ladicities are samplicoust at some point during that answell links replace to the S junced paces, what downals for the Source to the Gulf State. Budget of excepts the billines and budget and subscription of the Source and which humbers are also and source and sour		Yes N	έο I	No Ne	No	No	No	No		: 18,700,000.00	\$ -	

New	Research and Education	5933 5/3/2020		NOA Project IDH242.8 Beach-entity birds across the Gulf Mexico encounters wate array of challenges to successful reproduction. Because of this, an individual solution and encounter of the set in the band of the set is the main distance, schedulen of ender population, halds to sea solve if an all increased atom intensity. The individual set is the main distance, individual ender population, halds to sea solve if an all increases data constraints in the set prevents use state of the set in the set prevents and an analysis of the set prevents in the set of the set prevents in the set prevent in the set prevent in the set prevent is in the set prevent in the set of the set prevents in the set prevents in the set of the set prevents in the se		Yes No	No	No 1	io No	No	NO	\$ 15,000,000.00	s -	
New	Research and Education		Kemp's ridey Stock Aussument	NDAX Project IDI 14150 On Cottoper 17, 2018 the Guif States Martine Findenics Commission (GSMC) hotest a special association on the Kenny's relative state of the social set of the observation of the relative state of the social set of the social		Yes No	No	No h	o No	No	No	\$ 250,000.00	\$ -	
New	Research and Education	5946 11/25/2020	Gulf Coatt CSIT Tech Fusion - Advanced Technology Training for the 21st Century	In the new Millenus, the evolution of digital technologies is a radia/by changed the way we live and work. This revolution has also changed the demands that classes, and other or expensions have been of the digital cost however, the Missions gold Class Class as serve lick of well trader of variets, and Class Millenus, businesses, and other or expension expension, innovation, and acectal growth. Tech fuctions thing together a dual focus with the CST building. (1) provide I training and (2) Arvedde I table to Excellence to a training and Classes of the serve lick of well traders and budgets. Call Class Tech Fusions will provide to students requisite training in emerging technologies (e.g., Operancerchity, Caller, Arrificial Intelligence (ALI, Vittas Reality) (VVI)Agenements of Reality Busing apportantian braine braineging but could mask the difficult Class arrigos an international classe in the high schet setters. This appear would provide the near line of the Workforz and apportantian for busines and industry to spall incumber towerks. For example, MACCC is patriently with ION Reality to create a setter of excellence to excelt AR at well to diverse technologies, and it would provide support to companies to explore and diversity training was X. As for future spaceling, a public balance to a trained realises (DIV). All is an umberlue technologies, and it would provide support to companies to explore and diversity patring in more works and evolution barring on training to avoid training the classes of the straining training was X. As for future provides fusion (DIV). The lick there or explore and diversity patries the mark grown requires provide provide fusions (DIV). The lick there or explore and diversity of training and diversity oblight coalid training. Company and the strain growther than a syname requires provide scalar attraining. The avoid provide Missing Old Class Classes and How	Harrison	Yes No	Yes	No 1	ics No	No	Yes	\$ 7,000,000.00	\$ 3,000,000.00	
New	Research and Education	5947 11/25/2020	PAWS (Pets and Wildle) Exploratorium	Ber oberschrift, The program will produce a competent workford quickly to create an ecosystem of healthy information assurance. In acccle meliated bere have been assured by the program will be appressed by and use will about the the program will be appressed by and use will about the the program will be appressed by and use will about the the program will be appressed by and use will about the the program will be appressed by and use will about the the program will be appressed by and use will about the the program will be appressed by and use will about the the program will be appressed by and use will about the the program will be appressed by and use will about the the program will be appressed by and use will about the the program will be appressed by and use will about the the program will be appressed by and use will about the the program will be appressed by and use will about the the program will be appressed by and use and use and the appressed by and use will be appressed by and use will be appressed by and use and and and the appressed by and use will be appress	Harrison	Yes No	Yes	Yes 3	es No	Yes	90 Yes	\$ 1,123,500.00	5 224,700.00	
New	Research and Education	5949 11/30/2020	Impacts of changes in freshwater flow and salinity on sea turtle distribution and ecology in Mississippi Sound	The aim of this project is to restore sea turtle populations in the Gulf of Mexico through satellite tracking of sea turtles to inform habitat use changes as it relates to changes in salinity of Mississippi Sound. Exagenhead, Kemp's ridley and green sea turtles are known to occur in Mississippi Sound and changes to fershwater flow will be likely to affect the extent and composition of habitat, either by changing salinity or interimet conditions. Such changes are likely of additional to addition to additinity, and relate this to potential ecosystem changes as a result of freshwater releases and restoration efforts.	Jackson,Hancock	Yes No	No	No D	lo No	No	No	\$ 1,271,000.00	\$ -	
New	Research and Education	5952 11/30/0000	Naum-based Tourism with horeard	The Secret Coast or Misselppi's OutCoast offers a me of researching and tests to test or same types of visitors and tests, Man multiple public basehing in thesess, Harrison, and Assisson Courty account of merel Misselphi Socialities and public off day. Highers visited the Missisphi Coast just to enjoy the basehes of merel with tests and a 20% of day. Higher Visitors, A202 study from any different experiments in the same test of day. Highers visited the Missisphi Coast just to enjoy the basehes of merel counties day and overlaps with visions. A 20% of day. Higher Visitors, A202 study from any different experiments in undire thing, Hisking, and and gas of day. Higher Visitors, A202 study from any different experiments in undire thing, Hisking, and and gas of day. Higher Visitors, A202 study from any different experiments with the same test of the same test of the animative including contentional counts and expected with the same test of the animative including experimentation of the same test of	Harrison Jackson, Hancock	Yes No	No	Yes P	io Yes	No	NO.	\$ 330,000.00	\$ -	

New	Research and Education	5955		Enhanced sea turtle montality investigations	This project will enhance NDAA's suiting encropy facility to spand sea turtle montally and supplementary investigations, and meaningfully improve the collaboration through the in-person and remore participation of researchers and education staff in Missiogian delynod. Data gathered from necropsic constraints the non-test constraints in the first span of tests and sometimes represents the sole source of that information. Enhancements to the necropsy laboratory (e.g. AV technology for remote participations, celling-mounted examination lighting. Bioor drainage, safety upgrades, and height apportain encropsy tables volud considering hymore the capacity of the facility on anages as turtle encropies in a staff and collaborative environment. Upgrading the facility is a cost effective approach ince tables advantage of an existing structure. The modernized facility will serve as an important encource for the sate Sade particulation, technologically and dowlenge by RDA and the most advantage of an existing encourse of an existing encourse of an existing encourse of existing encourse and existing encourse of the sate staff and collaborative environment. Upgrading the technological factor of natural and anticelles that deviated by and subtacts and organizations to conduct postmettement examination of stranded staff staff. The Mission and encourse of the sate staff and collaborative environments and the staff st	Jackson	Yes No	No	No N	io No	Yes	No	S 150,000.00 S -
PREMA	Education	3971	12/8/2020	modologia wes, studial naturate result Adessments and Resarch	Notionalized where in close collaboration with threaden lation (dis tab the increase Mundeer enserth in K4 single standardiser in model and increase Mundeer and increase and the field, and financial increase many field and	narison	res nu	NU	no P		ΝŬ	, nu	3 20000000 3 .
New	Research and Education	5972	12/8/2020	Long tem bottlence dolph montoring. Treach and health or conservation management in Missingpi	IDUA Project IDI 1517: Objectives: stability a long-term solution based program to answer critical questions and provide informed data about the population, health and future of bettlenoose dolphins in the Missiogip Sound. Activities to be completed: Conduct annual dolphin health assessments, an essential conservation management tool for free ranging dolphins. However, before annual health assessments can be conducted, it is necessary to obtain consistent baseline data using mark-requires wip holes determined into analyze movement patterns, size and structure of population, survival rates, bundrate and bettiftic condity sets and determination of a foldely. Ugg consents those tables determined in a survive movement patterns, size and structure of population, survival rates, bundrate and bettiftic-condity sets and determination of a foldely. Ugg consents the total bettiftic-condition and structure more population and structure and population. Date attradictory buseline data on population and site fidelity is collected, plan annual cepture and relaxes health assessments of dolphins in the MS Sound. Expected outcomes: Yean 2021-2025. Yean-read beats based dolphin photo ID, acoustical recordings, collection, processing and genetic testing of akin biopsies. Year 2024-2024. Plan, accure permits and develop funding and its fidelity is collected, plan annual cepture and relaxes health assessments of dolphins in the MS Sound. Expected outcomes: Yean 2021-2023. Yean-read beats based dolphin photo ID, acoustical recordings, collection, processing and genetic testing of akin biopsies. Year 2024-2024. Plan, accure permits and develop funding in a distribution of a bMAM protecting displants and biolitizes an obliging distribution distribution. Without basing dolphin population. The marke environment faces numero natural and antropoperic threats in a ratefield advection baseline. Dolphins patient cells and year 2024. Plan 2024 researce (INAA), in MGA protection and advection population health. Dolphins patient cells basel prot	Harrison	Yes No	No	No 7	io No	No	No	\$ 3,000,000.00 \$.
New	Research and Education	5973	12/8/2020	Barrier kland Shorellene Monitoring Using sUAS for Sea Turtie Stranding and Nesting	NDAX Project 101 4531: Objective: Utilies and aumaned areal systems (UAX) and sighting surveys to provide standardised monitoring, lotently stranding, arealing and provide standardised monitoring, lotently and any distribution of the paraset with a strand and sighting surveys to provide strandardised monitoring, lotently and any distribution of the paraset with a strand and strand to assist recovery efforts. Develops area turkle met monitoring program distribution of the paraset and strandardised monitoring, lotently and any distribution of the paraset with a strandardised monitoring. Instrand and strand for strandardised monitoring terms of the strandardised monitoring terms of the strandardised monitoring terms of the strandardised monitoring terms that any distribution of the strandardised monitoring terms that is the strandardise and consistence of the strandardised monitoring terms that the strandardised and the strandardised monitoring terms that the strandardised and the strandardised and the strandardised monitoring terms that the strandardised monitoring terms that the strandardised and the strandardised and the strandardised and the lotent of the strandardised monitoring terms that the strandardi	Jackson	Yes No	No	No D	io No	No	No	\$ 2,000,000.00 \$ -
New	Research and Education	5974		Restoring Sa Turifes to the Blue and Beyond: Establishing Shi Missinghi S preminent, esta furtire recus, rehabilitation and edication (RBC and er at the Missinghi Aguantam (MSAQ)	In DAA repet (DI 4525: M6G, uill be Musingpi) first and only Association of Joss and Agaverus (AJA) accretised facility. Or gain in build and gene as table of here at a built encent, and habilitation, and extraction (RRI) certified tarvers an an epicetime focul as turt increases and inhabilitation. The RRI will be combined uncertainty and another the activity and advanced medical procedures. Once summs are inhabilitation, and encode ventus will be antibilitation enge the Jossified in a history decision of a sturt information of a sturt inter encode. The Advanced medical procedures. Once summs are inhabilitation, the Advanced eventus will be antibilitation and a sturtus be the Jossified advanced medical procedures. Once summs are inhabilitation, the Advanced eventus will be antibilitation and a sturtus be the Jossified advanced medical procedures. Once and the advanced medical procedures will be antibilitation and extra waters. - Provide s foundation for a scalable rehabilitation and rescue aperation with disclated and expert taff for carls or standed as turtles - House a copacity for reactive and Habilitation and rescue aperation with disclated and expert taff. To carls or standed estatures - House a copacity for reactive and Habilitation and proceed medical and expert taff. To carls or standed estatures - House a copacity for reactive and Habilitation and proceed medical and expert taff. To carls or standed estatures - House a copacity for a scalable and proceed medical proceed medical and experiments and the comparison of the standed and experiments and the comparison of the scalable and proceed medical and experiments and the scalable and proceed medical proceed medical proceed medical proceed medical and experiments and exper	Harrison, Jackson, Hancock	Ves No	No	No P	io No	Yes	10	5 4,000,000.00 5 600,000.00
New	Research and Education	5976	12/8/2020	Missiopp Sound Oyter Shell Recycling Program-Phase 3	In OAA Project (Dat 631). The Nature Conservacy recommends ^{am} Nature ^{The} of the Musicage Sourd Operer Valle Recycling Program, Nature as initiarly Andred Anthroy Hills the 2013 Musicage Sourd Dependiture TR. This project would continue either and the result of the Conservation of the Conservation of the Sourd Musicage Sourd Dependiture TR. This project would continue either and the result of the Conservation of the Sourd Musicage Sourd Operer Andre Recycling Program, Nature Sourd Protect Andre Musicage Sourd Operer Andre Recycling Program. Nature Sourd Protect Andre Sourd Biology Conservation of the Sourd Protect Andre Sourd Biology Conservation of the Sourd Protect Andre Sourd Biology Conservation Sourd Program Andrean Y and the calcification of Andrean Andrea	Harrison	Ves No	No	No D	IO NO	No	No	5 650,000.00 S -

Research an Education	na 5985	6/4/202	Enhance conservation of bottlenose dolphins in Mississippi state waters by	The Mississippi Sound (MSS) is home to the nation's largest bay, sound, and estuarine (BSE) population of common bottlenose dolphins (Tursiops truncatus). The MSS serves as a nursery ground for newborn dolphini calves in the spring and summer months and provides vital forzigning habitat for dolphins year-cound. As a top predativity, dolphins are an important sentinelis species for the ecoxystem.	Harrison	res	NO	NO	NO N	to re:	s NO		NO	\$	2
Eulication		1	strengthening capacity for science-based	newoorn oopnin caves in the spring and summer months and provides vital toraging naorat for odophins year-round. As a top precasor, ooipnins are an important sentine species for the ecosystem. In addition, the fertile waters of the MS3 also support a large recreational and commercial fishing industry the MSS is heavily impacted by freshwater inputs from large	1										
		1	strengthening capacity for science-based marine mammal health and management	In addition, the fettie waters of the MSS also support a large recreational and commercial trianing industry and an dyster industry. The MSS is neaviny impacted by trestwater industs from the watershed such as the Mississipel River, Peran River, and Pascagoula River, in Parkagouta River, the 2019 openings of the Bonnet Carrelia Silvantial amount of frestwater from the	1										
			marine mammai nearth and management												
				Mississippi River into the Mississippi Sound, which is not normally exposed or connected to this riverine system. During this year, dolphin mortalities increased by more than three times over the yearly average from 2014-2018. Other large ecological distances such as the Deepwater Horizon (DWH) of spill, hurricanes, and algal bioms also affect dolphins. Therefore, effective management of											
				yeany average from 2014-2018. Unter large ecological disasters such as the Deepwater Horizon (UWH) on spin, hurricanes, and agia blooms also artect dopinins. Interfore, errective management of dolphin health in the MSIs is critical for the vibility of this important species in the Guilfor Mexico, and It requires science-based decision making and interventions from experienced and qualified											
				experts to manage this resource in the context of the economically vital MSS. To effectively and sustainably manage this vital species in the MSS over the next ten years, Mississippi State University College of Veterinary Medicine (MSU-CVM) and the Institute for Marine Mammal											
				To encurrent and statistical and the statistic											
				Stolles (mins) have developed a comprehensive, scence dated plan with the individual const. 1) Determine the threats to dolphin health, including human interactions, in the MSS that result in strandings and mortalities.											
				Typecentime the unear to dominin mean meaning nominin meaning nominin meaning nomining nomining and noncanes. 2) assess the environmental threats affecting dolphins and their habitat, particularly changes to water quality and saining, pollutants, and prey availability in the natural habitats of dolphins in the											
				zpasses the environmental threats anecting doiphins and their habitat, particularly changes to water quarky and samity, pondants, and prey availability in the habitats of doiphins in the have											
				mas. 3)Estimate the abundance and distribution of the dolphin population in the MSS using line-transect methodology for stock assessments.											
				Specimize the degree of connectivity and boundaries of the dolphin population in the MSS using photo identification to determine habitat use, site fidelity of individuals and groups within the MSS,											
				• Jestidate the object of contectivity and operating of the operating splinity.											
				as we in a become their movements in response to changes, including saminy. Sperovide education and increase outreach to build capacity in Mississippi for effective management of dolphins in the MSS. By providing outreach for K-12 students and the public, and by											
				Sperove exclusion and metable outreact to outreact out capacity in mississippi nor metable metable outprime in the MSS. By providing outpraction on K12 students and the point, and outprime to deprime in the MSS. By providing provide and the K12 students and the point, and outprime to the students (K12 - CVM and IMMSS will build capacity in Mississippi to enable future expertise to manage the state's											
				consistences of the second sec											
				The objectives of this plan align with state and federal agency priorities. Furthermore, MSU-CVM and IMMS have experience and a track record of productivity in all the proposed activities. We											
				anticipate that, through conducting this comprehensive set of aims from 2021-2030, the bottlenose dolphin population in the MSS will be effectively monitored and managed to establish their											
				sustainable, long-term health. We further expect that, through the knowledge gained in this proposed program, the MSS bottlenose dolphins will be the most well-documented population in the Gulf											
				of Mexico. and Mississippi will become a model state for effective management of its wild marine mammal stocks.											
Research an	nd 5986	6/17/202	Enhance conservation of sea turtles in	The Mississippi Sound (MSS) is home to the most critically endangered sea turtle in the world, the Kemp's ridley (Lepidochelys kempil), along with other endangered or threatened sea turtle species	Harrison	Yes	No	No	NO N	to Ye:	s No		No	\$	\$
Education			Mississippi state waters by strengthening	such as the loggerhead (Caretta caretta) and the green sea turtle (Chelonia mydas). Juvenile Kemp's ridley sea turtles utilize the MSS for development, foraging on blue crabs that are abundant in the											
			capacity for science-based animal health and	MSS. The green sea turtle, omniverous at the juvenile stage, for area grass beds and fish prey in this area. Loggerhead sea turtles have been documented to next on Mississippi beaches from as											
			management	early as 1990 (Hoggard 1991). In addition, the fertile waters of the MSS support a large recreational and commercial fishing industry as well as an oyster industry. The MSS is heavily impacted by											
				freshwater inputs from large watersheds such as the Mississippi River, Pearl River, and Pascagoula River, by large ecological distaters such as the Deepwater Horizon (DWH) oi spill, and by natural											
				events such as hurrisanes and algal blooms. Therefore, effective management of turtle health in the MSS is critical for the viability of these important species in the Gulf of Mexico, and it requires											
				science-based decision making and interventions from experienced and qualified experts to manage this resource in the context of the economically vital MSS.											
				To manage this vital species effectively and sustainably in the MSS over the next ten years, MSU-CVM and IMMS have developed a comprehensive plan with the following objectives:											
				1)Conduct stranding response/rehabilitation and implement a systematic approach to identify threats to sea turtle health, including human interactions, in the MSS. This includes providing timely											
				response to incidentally captured, stranded, and injured turtles on the Mississippi coast and a systematic approach to determining cause of death.											
				2)Assess the environmental threats impacting sea turtles and their habitat, including investigating changes to noise pollution, water quality, and pollutants in the habitats of turtles in the MSS.											
				3)Evaluate turtle movements, distribution, and habitat utilization using satellite tagging and fecal analysis.											
				4)Survey, document, and manage any sea turtle nesting activity on Mississippi mainland beaches.											
				5)Provide educational opportunities for students and conduct outreach to build capacity in Mississippi for management of sea turtles. Specialized, experiential education will be provided for											
				veterinary students, as well as undergraduates and graduate students, to build expertise in Mississippi for coastal management, and outreach will be enhanced for K-12 students and the public to											
				improve public awareness.											
				We anticipate that, through conducting this comprehensive set of aims from 2021-2030, the sea turtle population in the MSS will be effectively monitored and managed to establish their sustainable,											
				long-term health. We further expect that, through the knowledge gained in this proposed program, the MSS turtles will be the most well-documented population in the Gulf of Mexico, and Mississippi											
				will become a model state for effective management of its wild turtle stocks.											
		1			1										
					1										
Research an	nd 5993	7/20/202	Jackson County Septic System Abatement	Extension of sewer collection systems to underserved areas of Jackson County including Vancleave, Hurley, Three Rivers, & Helena Areas while allowing for the conversion of approximately 900	Jackson	Yes	Yes	No	Yes	lo No	Yes	10	0 Yes	\$ 4,500,000.00	\$
Education			Project - Phase 2	residences from on-lot septic systems to public systems at no cost to the resident. Converted on-lot systems would be owned and maintained by JCUA.											

		r		UNFUNDED PORTAL PROJECTS (WHIT		S)													I
Go Coast Workforce Development	PROJECT ID 53	PROPOSAL DATE 10/24/2013	PROJECT NAME Seafood Receiving, Processing, and Distribution Dock	DESCRIPTION The proposed location for this Working Waterfront Seaflood Receiving, Processing, and Distribution Dock is the site of the former Guil CDy Fisheries which is located on the east side of the Pascagoula River just north of the highway 90 bridge. This facility will provide a one-stop, short-term and long term mooring, unbading, ice and fuel service as well as value added processing which occurred at this location from the that late 1980's to the 1980's. This is a sincere effort to revitable the local commercial failing fleet which has been at-risk since Hurricane Katrina and further negatively impacted by the BP oil spill. A thorough hard copy of this proposed project has been forwarded to MDEQ Director Ms. Truly risker.	LOC_COU NTY Jackson	RA WORKFORCE DEVELOPMENT	NOLLWULLSTOPHICS	Set A STRUCTURE COMPONENT	THE REPORTED OF THE REPORTED OF T	ACT ECONOMIC DEVELOPMENT	No	RESEARCH AND EDUCATION	g SE4F00 Ass	SMALL BUSINESS AMALL BUSINESS AFR	1 OUKISM	901 90 91 91 91 91 91 91 91 91 91 91 91 91 91	ESTIMATED_COST ESTIMATED_COST 11,202.00	vo FUNDING_AVALABLE	COMIMENTS
Workforce Development	89	10/29/2013	Gulf Coast Prescribed Fire Cooperative	Than k you, Thank you, Bruce W. Maghan Thousands of arres of private and public longleaf pine forests, savannas and coastal marches within the three coastal counties are in need of management activities including prescribed burning and exotic plant control or restore habitas for faithe wildling are in need of management activities including prescribed burning and exotic plant control are used for a faithe wildling establish an organization of professional file gracitioners to apply fine as a science based management tool on private and public wildling adjuent to or in close provinity to established ore conservation areas. All burn terms will be trained to National Wildline Coordinating Group (WVCG) standards. Each team includes the following staffing and equipment: type-2 prescribed file burno boss, type-2 strace to pow or tacked engine with operator, on the negline bas and three	Hancock H	łYes	Yes	No		Yes	Yes	No	No	Yes		\$ 25,12	0,000.00	ş -	
Workforce		7/0/202		Type-1 freighters. Based on funding, a maximum of three teams will be established. Teams may work independently or in conjunction with what obt other or with established for creave from local, tatter and federal agnects to apply perscribed fire on approved public and private lands. Team members will be available to make presentations concerning the benefits of prescribed public and private lands. Team members will be available to make presentations concerning the therefits of not engaged with prescribed fire-related activity, teams will engage with other land management needs: monitoring results of prescribed fire projects; conducting fuel reduction and invasive species control; monitoring, mapping and maintaining public access and nature traits; and prescribed fire education projects. Teams will be prevised by 3 relations Coordinator (professional fire manager) who will oversee safety, training, work assignments, planning and coordinating with local partners and cooperators.			Yes										0,000.00		
Development	1164		D'Iberville Working Waterfront & Commercial Seafood Harbor	(DRIGNAL (DB120218) 1) The idea of a working waterfront for the seafood industry in D7bernile is not new. In fact, the Ctp has rised for over 20 years to raise sofficer money to expand the current habor limited to the space undermeant the 1:10 Bridge. The Ctp, has tried to negotiate leases with bay from property owners to no avail. The Ctp has prepared several plans over the years to construct a working waterfrom habor but finds to acquire shoreline properties have not been available. The commercial habor is part of the overall plan to revirailize the downtown one block north linked with the French Market one block north. The Ctp has Tideholds finds that would be learegate to effectuate land purchases and linkids needs. Wetland restoration on both sides of the existing harbor is planned. The working waterfront is a key component of the Cty's downtown revitalization plan. In conjunction with existing Tidehols's plands. In a conjunction with existing Tidehols's DMA.	Harrison	Yes	Yes	Yes		Yes	No	Yes	Yes	No				*****	
Warkforce Development	1255	12/3/2013	Gulf Observing Aerial Program	A diverse constellation of ainships, singlanes, and LMVs thould be put in place to provide long endurance observation of the Guil. The primary purpose of the arking filest will be to constrain the primary of the primary of the second of the points of the offships of monitors the offships of monitors the offships of the second of the points of the offships of the second of the	Hancock, H	Yes	No	Yes		Yes	Yes	No	No	No		*****	******	ş -	
Workforce Development	1259		Ocean Spring: YMCA Espansion/Renovation Plan	The Mississippi Gulf Caset YMCA located in Ocean Springs and Tradition serves the entire Gulf Caset region with our facilities, and outreach programs. The 7,000 members between our two banchs have access to finses equipment, group exercise classes, recreational and fitness activities in the pool, child watch, social and family activities, wellness programs, and corporate membership benefits. We are able to estude our reach to promote healthy communities trong down after-school programs, career engagement programs, evidence-based chronic disease prevention programs, and water safety programs. The Mississippi Gulf Caset YMCA have row cert 1000 groups to the social subdicide programs to youth, families, and acrons seeking health and community.	Jackson	Yes	No	Yes		No	Yes	No	No	Yes		\$	- !	ş -	
Development	12/3	12/9/2013	Adaptive Sports Program	In they orean about it, they can be not it. Provide a means for all people to enjoy inlet waterways and adapt multi-use facility to accommodate mobility impaired citizens and wounded warriorsNew and existing multi-use facilities need to be built or added to for accommodating mobility impaired citizens and wounded warriors To enable Disability Community options enhancements of family Orientated Recreational Activities /Educational/Stewardship programs for all ages or even physically unconditioned Citizens	nancock, r	TES .	ND	Tes		16	TES	NO	NO	Tes		>	- :	ş -	

		<u> </u>																
Workforce Development	1741	Collaborative	Cast Ecosystem Education and Taining Collaborative (CETC) The OI Spill his further exacehated the gap between diadvantaged minorities (African-Americans, Hispanic, Vietnamese and low income white) and available education funding, job loss and access to marine vessels for education. The Mississippi Gulf Coast includes approximately 70 miles of costiline plus numerous bays, estuaries and navigable rivers. Not only dest this ecosystem support a diversity of marine life and habitats, blu cur coastal waters support an economy that generates nearly 5346 million each year. Unfortunately, although the Costall Counties (Hancock, Harrison, and Jackson) have chance to experience any othis richness. It is the gaol of CEETC to connect under-served children from Hancock, Harrison, and Jackson counties (In ourback African Americans, Hispanica and Vietnames but not elimited to) with their habitat through our hands-on and feet-wet adventures. Connecting our you'nts to the outdoors will offer a learning experience that has been previously accessible only to the more of years) year-one doors curred reoportunities in the finiting industry, marine blogg, conservation, and eco-science in general. The CEETC project will be a multi-year of years) year-one doors curred reoportunities in the finiting industry, marine blogg course-valuen, partice will be in partnerschip whith the digit (B) storburg. The Marine Hier (B) county area along the Mississippi Gulf Coast and each school district's in the mark of marine Hier bay will have the discustion partners will albe the marker and the review alber conservation will be antily-resp (B) and the district (B) and there are along the Mississippi Gulf Coast and each school district's in the Hier (B) and there are along the Mississippi Gulf Coast and each school district's caster (Harine Hier B) and there are of Coast and Mississippi. Other activities include, but are not limited to: the environmental and hash hazards of marine debrix, water and shore Champs in conjunction with state environmental	Hancock, I	176	Yes	No		Yes Y	Yes	No	NG I	No.	s	750,000.00	5 -		
Workforce Development	1764	2/24/2014 Medical Monitoring Provide Castal Mississippians	This Request for Funding should be granted because II is one of the few proposals submitted for consideration which weeks to achieve several of the specific gola and objectives originally sought to be addressed by the Tustees of the IP Restoration Fund. The Proposal that follows will sever to promote proactive environmental and cultural stewardship, education and outracks based on the agthering of real time data outling how and to what extert, if at all, the substance released during the BO oil spill and the agents: got address and south Statissippi Now end (extert) and relation of the IP Restoration and outracks based on the agthering of real and estimations spikow and to what extertly or indirectly exposed to the released substance values and of the agents used to dispere the release substance. From strictly an educational point of view, data will be gathered and disseminated to the MDEC EPA, DOI, CDC, Mississippi State Board of Fublic Health and any other regulatory bodies whose jurisdiction requires notification should there be evidence and type of alianing trend related to a chained exposure. Additionally, by conjuring such data this will aliaow us to measure the human toil, if any, proximately related to the sposure to the substance and to identify the proper medical or treatment spaced to similar prior diverse the the state. Another anticipated by product of implementation on herein of the proposed medical monitoring system will be a healthier South Mississiph. Through the use and implementation on preverive healthere techniques, physician id and approximation and more specificably the use and mediate string the substance techniques, physician id and approximate who will be the use and intermetation of preverive healthere techniques, physician id and approximate mode to the three compy Mississippi Card Casat are will be come belaved that techniques and we will se individuals who may have been exposed to the same, either directly or indirectly, and that take from oil gain a interter South	Hancock, I		Yes	Yes	27.6	Yes	Yes	No	NO Ì	res in the second s	\$	14,121,000.00	s -		
Workforce Development	1800	for the restoration and recovery of essential prov- items for Kempäär"s, fidley sea turtiel (Lepdotchey kempii) in the Mississippi Sound	Semplers relies van furties are a Critically Endangered species that relies heavity on the north-central Guif of Mexico for developmental haltatio for foraging uveries and sub-duits. Since 2010, once than 800 sea turties, anothy immature Kemplers' relies', have stranded dead along the Mississippi coast raising important questions about regional ecosystem health. Additionally, over 200 immature Remparts'' ridlery have been incidentially hooked at local fishing periods in Mississippi. A variety of factors are likely responsible for increased strandings including degradation of natural opter refs and subsequent declines in abundance of essential per y litems of the species that rely on these habitats. Clearder failures of both oyster and blue crab fisheries in recent years support this hypothesis and illuminate the importance of a healthy ecosystem for recovering populations of Kemplers''s ridlery. The bear of the site	Hancock, .	j res	Yes	Yes	60	No	Yes	Yes	No t	NO		18,000,000.00			
Workforce Development	1833	5/14/2014 Center for Plankton Taxonomy and Research	Inthityopainkton and zooplankton surveys provide critical information needed to asses changes in our marine ecosystem date to 1) anthroopeom perturbations, such as the Deepwater horison of split; 2) criticate change; 3) bodivensity loss; 4) the top- down effects on marine food chains from over-fishing; and 3) the reduction of recruitment success for a growing number of fails stock. These data are being used increasingly as & Schaehalt MiEditation for excurstem and fahery stocks, yet research is severely limited by the lack of traxonomic expertise needed to identify fish eggs, fish larvae, and zooplankton. Large plankton severe program operated by many NOA Theireis Centers currently use interactional faheris agreements to facilitate the sorting and identification of their plankton samples. Our proposal recognizes the growing needed for taxonomic expertise in this area, and established a midssipab-based. Center for Fahanton Taxonomy and Bescench: The overall goal of this center is to provide scientific and identication of the splits. Our proposal recognizes the growing needed for taxonomic expertise in this animation, identification and measurement of plankton traconomy and Bescench: The overall goal of this center is to provide scientific and identication of the plankton recorders, and flowestmic; 3) imposite railwarks using gat constent deamination, identification and measurement of planktons torsories as dictated by the clearlist. This center would support scientific and resonation efforts throughout the cliff of Medico region (and Beyond), and serve as a resource for government agencias and caceline institutions that face common research limitations. Individing by the facility will establish an international reputation as a center for taxonomic excellence in plankton studies, and will be instrumental in training the next generation of marine taxonomics. Annual Operation & Maintenance Cost (II years): 53.330.000/year (3 years) Annual Operation & Maintenance Cost (II years): 53.330.000/year (3 years) Annual Ope	Jackson	Ye	No	Yes	80	Yes I	No	No	NO T	NO	\$	12,770,000.00	Ş -		

		-											
Workforce Development	enhancement in support of the recreational fishery of Mississippi	Bief description of activities: GCRL is a leader in the development of intensive, low-water use, high bio-security culture of marine species for enhancing native populations. GCRL is now polset to develop and apply new marine aquaculture technologies for red snapper in support of coastal restoration, economic expansion, and fishery stock enhancement. Red snapper is one of the most sought-after recreational fish. Reduced federal quotes have significantly limparide profitability of the recreational for-hire industry, with economic impacts throughout much of the tourism sector of the Guif coast. GCRL is at the ordering of developing intensive recreational fish. Reduced federal quotes have significantly limparide profitability of the forefront of developing intensive recreational fish. Accomplishments include release of over 5,000 juveniles in 2013 in support of rebuilding ed support spoked on a down of copped production technologies for the developer indicate has the restance of aburger spoked biolitics, add development of copped production technologies for the developer indicate has the restance of aburger spoked biolitics. Accomplishments include release of <i>over</i> 5,000 juveniles in 2013 in support of rebuilding ed biolitics and the spoked biolitics and the spoke recomplished bias fish (15 inclusion). In the spoke to down of support spoked to making approximate in advance and produce enough lengt bias fish (15 inclusion). In the spoke to down of the 2012 landings recorded for Mississippi restrational fishermen. The GCRL aquaculture program has the capacity to achieve spent 5249 million in taking over 1.6 million angler trips in the three costatal counties. Thus, the recreational fisherus is an important source of oronic dollars for the costatal counties. Thus, the recreational fisherus is an important source of dorum dollars for the costatal counties and reduces and the spekees of Annual Operation & Maintenance Cost (14 years): 52,000,000 per year with a minimal duration of 5 years. How will thi	Jackson S	1es	No	No	es Ye	s Yes	No	No	5 10,000,000.00		
Workforce Development	: Development of a recreational flokey initiative within SCAMFS (Science Center for Marine Fisheries)	Bief description of activities: The Science Center for Marine Fisheres (SCEMTG) is a National Science Foundation (NSF) industry de University Cooperative Research Center (VUCRC) housed a CGL which provides academic recores of holing businesses throughout the Guif coast. //UCRC centers are designed by NSF to provide the opportunity for the business community to obtain access to academic science to full their needs. The mission of SCEMTG is to utilize academic recorects of holing businesses throughout the Guif coast. //UCRC centers are designed by NSF to provide the opportunity for the business community to obtain access to academic science to full their needs. The mission of SCEMTG is to utilize academic recreational, and commercial fisheries resources to address urgent scientific problems limiting sustainable finking industries requires a dual focus on () the assessment process that defermes the status of the science and a provide the vehicle by which the fishery is managed to optimize stock status while supporting a robust industry. SCEMTG is unique in their generative descriming the science program. This critical attribute assures that the goal of sustainable fisheries will remain a stong component of project design. More information on SCEWTG is sanabled on suscellate. Hug/ News SCEWTG SQE where in the assuresment process at the level that SCEMTG is intendit to participate. New Hore is not not controlley been knowled in the assuresment process at the level that SCEMTG is intendit to participate. New Hore is not intendive that schedule in SCEMTG with the recessity of justifying a large financial commitment to their members, thereby permitting arough the schedule schedule and the assuresment intibute that SCEMTG will contribute a tractipated that once the value of the center is made clear through their participation, that the crecational groups and two private boat furstor (VIC) cours (VIC). Ceans Signa, Lakoos, GCRL Haltead and Cedar Pont Campuses Infrastructure cost (If years): Stone. Stone, Stane, Stane, St	5		No	No	Ye	; Yes	No	No	\$ 400,000.00		
Workforce Development	GUARGIANKS (an Education, Intern & Apprenticeship project)	This project involves education, research and internship opportunities for costst high school, college and unknersly scholar, for those enrolled in marine ducation programs, this would incorporter "hands on "opportunities burg the planning for costs, meetings, will be held with costal high schools and institutions of higher learning along the costst to determine how to incorporate the project in curriculum and to gain project approval from state and local ducational authorities. The proposal includes tearrison, Hancock and Jackson counties. The project provides workforce development opportunities for low-income participants through apprenticeships. Stipends will be provided to leave the skills necessary to play an active role in the restoration and healthy sustainability of natural health and costal waters. Many costal residents still desire maritime occupations. Unfortunately, for the past several decades, such opportunities have become rare. This program would regime scup prospects and create opportunities to learn skills that could enhance employment opportantines, spur economic development, and sustain families along the costs. We should, and must knowledge gained through the recovery and restoration process. If entropiced as could head through the intercent of the human's kill mediate the development and young adults are the future stewards and keepers of our land, waters and other natural resources is summer internships will node stepends to reward student success and provide economic relief. The component will also also the seven behavior to require a project approval, Vision of Hope would like to commence formal planning as soon as possible and arrange meetings to insthate the partnering agreement projects would like to testing to remain planning as soon as possible and arrange meetings to insthate the partnering advecement projects would like the to remain function of the school to work transition. The project would like to commence formal planning as soon as possible and arrange meetings to insthate t			Yes	No	Ye Ye	i No	No	No	\$ 250,000.00	\$ -	
Workforce Development	Small and Medium Business Entrepreneurship Training	QUIREALT - assemmate intermation regaring the project; as in securing program partograms Gulf Cast Business Partners will conduct 12 weeks of basic busines training to rail business along the MS Gulf Coast. The training will equip the small business person with the basic needs to sustain and grow their business. In addition to training participants will equip the small business person with the basic needs to sustain and grow their business. In addition to training participants will business persons bulkews that storug partnership will encourage four strategic activities. Training, Mentoning, Advoccay and Access to Capital. In order to waik alongide will encourage four strategic activities. Training, Mentoning, Advoccay and Access to Capital. In order to waik alongide will and medium enterprise convers. Overembastizing one activity or neglecting another makes for an unbalanced approach to sustaining and growth of business development.	Hancock,	H Yes	No	No	'es Ye	s No	Yes	No	\$-	ş -	

Workforce 2075 7/18/2 Development 7/18/2	012 M SOBserving and Modeling Restoration Network (MSOMRN)	A COMPREHENSIVE AND INTEGRATED OBSERVATION, MONITORING, MAPPING, AND MODELING PLAN FOR MISSISSIPPI Sustained, multi-disciplinary ecosystem monitoring facilitates which provide an understanding of the state of the Gulf ecosystem and how its components change over time are circlially needed. Results from monitoring reforts yield baseline data that can provide early warming of potential environmental variability, perturbations, and concerns. The information can busel to protritor is using for adaptive coastical policy and management, asses damage due to natural and menade disasters, inform restoration projects, and evaluate long-term trends. Furthermore, ecosystem monitoring information can yield the true value of ecosystem services to the Gulf which in tur can lead to recource management and regulatory decisions that consider the effects of those decisions based on a more complete set of economic factors. This information is critical to resource managers and decision-makers having regulatory, management, protection, and emergency responsibilities. Over the past three decades, the Gulf of Mexico and its costatia communities have been impacted by increasing anthropogenic influences, primarily as a result of human population growth, any of these impacts can result an device growther involvemental and econstruct contexts. All hytioregraded and suitated obsering system that includes ecosystem, exempagibilities. Over the gast three discudes, the Gulf of Mexico and its costatical communities have been impacts and store buffering costati wefands are lost. Because the Gulf supports a broad variety of interests, any of these impacts can result an wedve range of exercision (e.g. costas status of inducator specifics), including/cal datababeer and officing resources for the specific specifi	Yes	Yes	Yes	20 Yes	Yes	Yes	Yes	Yes	\$ 47,000,000.00 \$ ·	
Workforce 2076 7/23/2 Development	014 MS Living Marine Resources Restoration Network (MSLMRRN)		Yes	Yes	Yes	20 Yes	Yes	Yes	Yes	Yes	\$49,000,000.00 \$ ·	
Workforce 2085 7/30/2 Development	014 IdS Habitet Characterization Restoration Network (MSHCRN)		Yes	Yes	Yes	20 Yes	Yes	Yes	Yes	Yes	\$19,000,000.00 \$ ·	

Workforce	2086 7/30/201/	MS Indicators of Street	A COMPREHENSIVE AND INTEGRATED ORSERVATION MONITORING MADRING AND MODELING PLAN FOR MISSISSION	Hancock (/oc Yos Yos		Vec Vec	\$ 7,000,000,00 \$.	
Workforce Development	2086 7/30/2014	MS Indicators of Stress Restoration Network (MSISRN)	A COMPRENENTY AND INTEGRATED OBSERVATION, MONITORING, MAPPING, AND MODELING PLAN FOR MISSISSIPPI Sustained, multi-disciplinary ecosystem monitoring facilitates which provide an understanding of the state of the Gulf ecosystem and how its components change over time are critically needed. Results from monitoring efforts yield baseline data is the provide state of the state of the Gulf ecosystem encices for adaptive coating bolicy and management, asses damage with to natural and marmade distats. Inform retoration projects, and evaluate long term trends. Furthermore, ecosystem encices and an analysis of the true value of ecosystem encices to the Gulf which in turn can lead to resource management and regulatory decisions that consider the effects of those decisions based on a more complete set of economic factors. This information is critical to resource managers and decision-makers having regulatory, management, protection, and emergency responsibilities. Over the past three decades, the Gulf of Mexico and is costati communities have been impacted by increasing anthropogenic influences, primarily as a result of human population growth, energy extraction, and costal and erage of environmental and excourse concerns. All full yintegrated and auxiliand obsering system that includes ecosystem, scenarginghic, and biological parameters would help minimer in the people and coastal and officing error full system that includes ecosystem, scenarginghic, and biological parameters would help minimer in the people and coastal and officing error full system that includes ecosystem that includes error optical provides and exceeding multiplan when the med arises (<i>e.g.</i> , identify important habitat and species, assess status of indicator species). Clinatological databases or monthy averages are not afficient for making, certain ecological decisions. Present technology is available to provide 3 decreas timesGEEpability for this decision-making.	Hancock, S	Yes Yes 2	o Yes Yes Yes	Ves Ves	\$ 7,000,000 00 \$ -	
			divided into eight cohesive sections to help explain the needs of Mississippi as it is related to the Marine Science processes affecting Mississippi waters. These eight sections areas are:						
Workforce Development	2128 9/25/2014	Impact of Suspended Sediment, Water Circulation, and Waves on Marshes and Oyster Beds	affecting (mossspip waters, intere regin sections area are: We propose to deploy four moning: equipped with a downward looking RDI WorkHone Sentinel ADCP to measure the currents, Reynold stresses, and suspended sediment concentration (SSC), a Valeport MIDA DWI Directional Ware Recorder, and Four Sonder Stresses, and suspended sediment concentration (SSC), a Valeport MIDA DWI Directional Ware Recorder, and Four Sonder Stresses, and suspended sediment concentration (SSC), a Valeport MIDA DWI Directional Ware Recorder, them moves to another four locations for the scoot years, Caluane for three schools of monitory and the caluators will be gained them moves to another four locations for the scoot years. Charge and the school of the scoot years and preferably in water depths of at lexit 2 m. We plan to deploy mooring at healthy refs or marshes and at unhealthy refs or mooring locations overlags with the moorings that are part of the KedWississippi Coasial Observing and Prediction NetworkSEF to calibrate the SSCADCP measurements, we will perform monthy surveys at each mooring. These cuises will also be used to maintain the moorings and replace the battery packs. We will measure conductivity and temperature with a lowered CDI and the water samples at various depths. The SSC in these water samples in measure scored with the ADCP and the orbital webcits estimated from the ADCP and the model for sediment resurges in size distribution and sediment properties in order to clearmine the rotational hear trans aread for sediment resurges in size attributions texered with ADCP and the orbital webcits estimated from the web heights will indicate how often these critical hear stresses are exceeded, and provide lexitight in the water leaves the general increases.	Harrison, F	res Yes Yes	Yes Yes Yes	No Yes	\$ 1,640,000.00 \$ -	
Workforce	2129 9/25/2014	Quantifying Water Quality Using Remote Sensing for	The sediment distribution, shear stress and moored time series gathered as part of this project will all be leveraged by the modeling efforts submitted separately to the ESTOBE courcil as AGAThe Influence of River Plumes, Hurricanes and Storn Forots on the Hydrophramics of the Mussissippi Bightedim that suite of onder-three investigations, costatel erosion and oyster bed viability were not focal points, so within this proposal our ROMS model implementation for MS will be expanded to handle wetting and dying (Warner et al., 2013), as well as wind wave coupling and the sediment transport capabilities of the ROMS- based CoupleO-come. Atmosphere: Wave-Sediment Transport (COWHST) model system (Warner et al., 2010). The comprehensive set of in situ measurements will provide a rich data set that reveals key mechanisms associated with ediment dualing within the KS, which will inform the development and validation of this mea-shore model. With validated erosion and Since this project is Gulf wide, was interested in heing considered for Council funding: however, just implementing same aroosal in MS waters would be a area benefit to DMR and DPC's data to day coerafions.	Harrison, J Y	res Yes Yes 2	D Yes Yes Yes	No Yes	\$ 12,000,000.00 \$ -	_
		the Gulf of Mexico	The proposed effort will address the RESTORE Council priority area &&XVater quality monitoring and improvement.&&IThe project will focus on establishing a time series (2013 & 47: 2017) of satellite-based water quality and counces with improved spatial and temporal courseq. Water quality improvements to be achieved include detecting and monitoring: a) costal view and land discharge points and impacts to estuarine systems; b) spread and dissipation of point source discharges; and (1 racking auter quality changes from view discharge. The project will abnoral water councils source discharges, and (1 racking spatial and temporal courseq and cancer rapidly address if abnoral water councils source discharges; and (1 racking statellite properties this will be remedied and enable rapid assessment of atypical water quality handlent with daily satellite monitoring the impact of deanup activities can be confirmed that water quality machines and clear up actions. By continually satellite monitoring the impact of deanup activities can be confirmed that water quality has returned to normal conditions. Concern this project will be improved water quality management in areas along the gluef cost. Decision makers in each state&#* environmental quality agency will have access to an automated web based decisions and that uses real-line satellite ata with automated algorithms based in Best Available science to facilitate critical decisions based on timely and accurate information. Please see detail proposal with description, benefits, and tentative Partners— Proposal is scalable from just MS waters to the entire Guil of Mexico.</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Workforce Development</td><td>2133 10/1/2014</td><td>I Surface Currents and Wave Monitoring for the Gulf of Mesico</td><td>The U.S. Gulf Coast is vulnerable to a variety of risks, including oll/contaminant splits, harmful algal blooms (HAB) and Vitrio, hurricanes, coastal land loss, and navigation accidents. New real-time information on coastal coast nufface currents, waves and winds are an important element of a coastal ocean observing system necessary for mitigating thes risks and for protecting public health and sitely, emergency response, the coastal accommy and sustainable use of coastal target sources. This environmental intelligence, which can be gained through a system of coastal High-Frequency Radar (HFR) stations, can, for recreational navigation, QI binhane search and rescue defidement transport, water quality), QI bing to task splits of coastal or coastal land loss issues. This project meets the RESTORE Act Plan Comprehensive Plan priorities for habitats, GI Heigh ensures and beart frequency Radar stations to provide reach and nescue definistions by developing a U.S. Gulf Coast and marrine resources, natural processes and shore-there define transport, ward varies in the avers. These stations are efficient, effective tools for meeting multiple public needs along the U.S. Gulf Coast. More includes Frequency Radar stations to provide real-time monitoring of surface currents and waves in fortae wards. These stations are efficient, effective tools for meeting multiple public needs along the U.S. Gulf Coast. More includes through the resources, natural processes and shorelines, and science-based decisions by developing a U.S. Gulf Coast Wate network of High requercy Radar stations to provide real-time monitoring of surface currents and waves in fortae wards. These stations are efficient, effective tools for meeting multiple public needs along the U.S. Gulf Coast. More includes Project Management for the procurement, instaliation, and meeting and training is in place to integrate these user-friendly products in to day to day operations of each agency.</td><td>Hancock, 9</td><td>res Yes 2</td><td>o Yes Yes</td><td>No Yes</td><td>\$ 20,000,000.00 \$ -</td><td></td></tr></tbody></table>						

Warkforce Development		10/6/2015 Reduction in post hooking sea turtle mortality	This proposal will develop new technology to reduce sea turtle mortality by developing methods to remove fishing line without removing endangered sea turtles from the witer. This new method will be designed for inhome fishing from pines and bridges. The fradingered Species Acc can shat a fibrely down after a certain number of turke accura: The device have designed will not require a fibreman to haul be turtle up in the air to the pier surface inorder to cut the line from the hosk. We will collect data and film our interactions with the device and the line. Yell all IMMS to come collect the turtle, alter pool it works as it should them we will share our information. We will then do oureach and education to encourage the use of this technique by con casatil encention fibremen. This new technique will address the poldement that or recencional fibremen, rate having in removing their fishing line from the turtles that they are interacting with while fibring is tast waters. There has been increase interaction with these endangered species and this invest to help address the poldement that or protections down the base. The sequent down and a midgition tool for a sector 10 permit for the tastar.			Yes	Yes	25 N	o Ye	s Ye	ves Yessa	: Yer		0,000.00	\$ -		
Workforce Development	2149	1/1/2015 Edible Forests of the MS Gulf Coast	This project will develop full orchards in every dry and courty in the three county of the MS Gulf Coast, Harrison, Hancock and Jackon counties. The Mississippi Ubrain Forest council will patnet with our free City communities and the evelopment of the orchards. Exception the coast, a close and evelopment of the orchards. Exception the coast, and coast an	Jackson, I	H Yes	Yes	No	Ŷ	es Ye	s No	o Yes	: Ye	\$ 450	D,000.00	\$ -		
Workforce Development		Outreach: Training the NearArt Generation of Environmental Health Managers	In recent years, direct and indirect anthropogenic impacts on Guif of Neekoo, and the Mississpi Sound, costal ecosytems. New reached crist levels, in addition to the recent oil singli this region experiences nutrient enrichment and pesticides from agricultural run-off, metals and chemical pollutants from industrial discharge, and a variety of pharmaceuticals and personal eror products from community waterwears. These multi-traces on emphasize that as subholders and future generations of scientists deal with these increasingly complex environmental issues, they will need training in novel interdisciptionary sills and perspectives that will enable them to tack these sissues in crastive ways. Using the GOM as an antural laboratory, we will train graduate students in the varied effects of aquitic stressors using cutting-edge technologies from a diversity of scientific disciptines (Le, Biology, Chemistry, Englenering, Geology, and Pharmary), and we will papt these lessons to societal implications (e.g., Restoration Management, Law and Policy). The Environmental Tooicology Research Program (ETRP) at the processes], 21 Environmental Processes (organismal- to community-ineel organizational effect), 31 Fate & Transport (chemical analyses), eff. Risk Assessment, and 51 Environmental Remediatori. We propose to develop an interaction (e.g., Restoration during by perspectives in these core reases chares. Participants will cecive training and high school and stakeholders from Mississipa communities for month long summer sessions divided between the UM Field evolution and future GoM Hawaits science and builty for a total of 48 stakeholders trained each tachards-ond/Etaning in water quality analyses and biomarker surveys. The team will then drive to the Gui Cosat Research tachards-ond/Etaning in water quality analyses and biomarker surveys. The team will then drive to the Gui Cosat Research tachards-ond/Etaning in water quality analyses and biomarker surveys. The team will then drive to the Gui Cosat Research t		res	Yes	No	N	o Ye	s Ye	IS NO	Ye		1,457.00			
Workforce Development	2169	11/7/2014 Guilf of Mexico Neath Assessment: Instrumentation for Environmental Monitoring	Marine costal a communities of the Gulf of Mexico, and the Missisopi Sound, represent important commercial fibrery grounds, as well as hobitals that support threatened species and provide essential costal protection and recreation opportunities. Recent natural and anthropagenic stressors (including multiple Category 3- hurricanes, as well as the Deep Notron on Isopili to the GoA have resulted in significant damage and loss of these critical cosystems and the species they support. Thus, the management of these important ecosystems along the Mississippi costaline is crucial for residents and stakeholders. This requires cutting demonitoring strategies that focus on measuring the concentrations of contaminant: 1) in loss leavater and sediment, and 2) in species tissues. We propose to acquire two incredibly powerful monitoring instruments to enhance the sisting University of Mississippi Environmental Taxicology Research Program (ETR) resources. Specifically, we will apgrade our existing Gai ChromatographylMass. Spectrometer (GC/MS) to address contaminant concentrations in sewater and sediment at reclusions that are approaches. When our courre resources anabise that nour cutualing provide that the stress of attending the service. While our current resources anabise that nour cutualing provide that straspice that cours and state and state and sediment at reclusion share and proteins: while we current resources anabise that nour current Instrument. Elsevise, we will also upgrade the ETRP Synapt proteomics mass spectrometer workstation to include a MADI TOF interface to measure contaminants in the environment, as well as the stress responses of affected species in their entirety (i.e., the proteome). University of Mississippi Marcs Stattery, Deborah Gochfied, John Rimoldi, & Kristine Willett		Yes	Yes	Yes	100 N	o Ye	s Ye	is No	No	\$ 400	0,000.00	\$ -		

 				L												
Workforce Development		An Economic Impact Time- Series Model of the Wild	Brief Title: An Economic Impact Time-Series Model of the Wild Shrimp Fishery in Coastal Mississippi	Harrison	res	NO	Yes	16.7 Yes	Yes	Yes	NO	NO	\$	600,000.00 \$ -		
Development		Shrimp Fishery in Coastal	Point of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth.LaFleur@usm.edu, 228.214.3438 and Dr. Gregory Bradley,													
		Mississippi	Gregory.Bradley@usm.edu, 228.214.5402													
			Type of project: InfrastructureEducational programx_ Research programWorkforce developmentx_Economic													
			developmentEco-RestorationxSeafoodOther (Name):													
			Brief description of activities:													
			A series of man-made and natural disasters have impacted the wild shrimp fishery in coastal Mississiopi, beginning with the													
			impact of Hurricane Katrina and continuing through the disaster recovery processes associated with the Mississippi River													
			flooding and opening of the Bonnet Carre spillway and the Deepwater Horizon Spill. The wild shrimp fishery is important to the													
			history, culture and economy of Coastal Mississippi. The research project would estimate the economic impact of the fishery													
			over a 20- year period, as data become available. Economic impact analysis will begin with the 2003 harvest and continue through 2023. The 2003 and 2004 years will provide important 倜pre-disaster benchmarks候 Monitoring and estimating the													
			economic impact of this fishery (both on the coastal counties and the state of Mississippi) will add to the body of knowledge on													
			the financial contribution of the fishery to these economies. Using established and conventional modeling software, a													
			customized economic impact model will be built and maintained for the lower six counties in Mississippi to support the													
			research agenda. Among the outcomes will include changes in economic growth due to the industry, and related changes in jobs and income. The College of Business will supply the business analytics to support the efforts of GCRL regarding the													
			recovery and restoration of this fishery. Notably, this series of models will serve as a prelude to the development of an													
			economic impact forecasting model based on expected commercial yield and other outcomes.													
			Landler (Chr. Countril, Land Barch, Harden, Country													
			Location (City, County): Long Beach, Harrison County Infrastructure cost (# years): \$100,000 (1 year)													
Workforce	2177 11/11/2014	An Economic Impact Time-	Brief Title: An Economic Impact Time-Series Model of the Wild Crab Fishery in Coastal Mississippi	Harrison	Yes	No	Yes	16.7 Yes	Yes	Yes	No	No	Ś	600,000.00 \$ -		
Development		Series Model of the Wild														
		Crab Fishery in Coastal	Point of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth.LaFleur@usm.edu, 228.214.3438 and Dr. Gregory Bradley,													
		Mississippi	Gregory.Bradley@usm.edu, 228.214.5402													
			Type of project:													
			InfrastructureEducational programx_Research programWorkforce development _x_Economic													
			development Eco-Restorationx Seafood Other (Name):													
			Brief description of activities:													
			bit description of description.													
			A series of man-made and natural disasters have impacted the wild crab fishery in coastal Mississippi, beginning with the impact													
			of Hurricane Katrina and continuing through the disaster recovery processes associated with the Mississippi River flooding and													
			opening of the Bonnet Carre spillway and the Deepwater Horizon Spill. The wild crab fishery is important to the history, culture and economy of Coastal Mississippi. The research project would estimate the economic impact of the fishery over a 20-year													
			period, as data become available. Economic impact analysis will begin with the 2003 harvest and continue through 2023. The													
			2003 and 2004 years will provide important 倜pre-disaster benchmarkså E Monitoring and estimating the economic impact of													
			this fishery (both on the coastal counties and the state of Mississippi) will add to the body of knowledge on the financial contribution of the fishery to these economies. Using established and conventional modeling software, a customized economic													
			impact model will be built and maintained for the lower six counties in Mississippi to support the research agenda. Among the													
			outcomes will include changes in economic growth due to the industry, and related changes in jobs and income. The College of													
			Business will supply the business analytics to support the efforts of GCRL regarding the recovery and restoration of this fishery.													
			Notably, this series of models will serve as a prelude to the development of an economic impact forecasting model based on expected commercial yield and other outcomes.													
			expected commercial yield and other outcomes.													
			Location (City, County): Long Beach, Harrison County													
			Infrastructure cost (# years): \$100,000 (1 year)													
Workforce Development		An Economic Impact Time- Series Model of the Oyster	Brief Title: An Economic Impact Time-Series Model of the Oyster Fishery in Coastal Mississippi	Harrison	Yes	No	Yes	16.7 Yes	Yes	Yes	No	No	\$	600,000.00 \$ -		
Development		Fishery in Coastal	Point of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth.LaFleur@usm.edu, 228.214.3438 and Dr. Gregory Bradley,													
		Mississippi	Gregory.Bradley@usm.edu, 228.214.5402	1												
			The state of a second state	1												
			Type of project: InfrastructureEducational programx_Research programWorkforce developmentx_Economic													
			developmentEco-RestorationxSeafoodOther (Name):													
			Brief description of activities:													
			A series of man-made and natural disasters have impacted the wild oyster fishery in coastal Mississippi, beginning with the	1												
			impact of Hurricane Katrina and continuing through the disaster recovery processes associated with the Mississippi River	1												
			flooding and opening of the Bonnet Carre spillway and the Deepwater Horizon Spill. The oyster fishery is important to the	1												
			history, culture and economy of Coastal Mississippi. The research project would estimate the economic impact of the fishery over a 20-year period, as data become available. Economic impact analysis will begin with the 2003 harvest and continue	1												
			over a 20-year period, as data become available. Economic impact analysis will begin with the 2003 harvest and continue through 2023. The 2003 and 2004 years will provide important "pre-disaster benchmarkså€II Monitoring and estimating the	1												
			economic impact of this fishery (both on the coastal counties and the state of Mississippi) will add to the body of knowledge on	1												
			the financial contribution of the fishery to these economies. Using established and conventional modeling software, a	1												
			customized economic impact model will be built and maintained for the lower six counties in Mississippi to support the research agenda. Among the outcomes will include changes in economic growth due to the industry, and related changes in	1												
			research agenda. Among the outcomes will include changes in economic growth due to the industry, and related changes in jobs and income. The College of Business will supply the business analytics to support the efforts of GCRL regarding the	1												
			recovery and restoration of this fishery. Notably, this series of models will serve as a prelude to the development of an	1												
			economic impact forecasting model based on expected commercial yield and other outcomes.	1												
			Location (City, County): Long Beach, Harrison County	1												
			Infrastructure cost (# years): \$100,000 (1 year)	1												
				1												

Workforce	217	9 11/11/2014 A Comprehensive	Brief Title: A Comprehensive Economic Impact Time-Series Model of Tourism Activities in Coastal Mississippi	Harrison	Yes	No	No	Yes	Yes	No	Yes	Yes	\$ 15,000,000.00	\$ -	
Development		Economic Impact Time- Series Model of Tourism	Point of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth.LaFleur@usm.edu, 228.214.3438 and Dr. Gregory Bradley,												
		Activities in Coastal	Gregory.Bradley@usm.edu, 228.214.5402												
		Mississippi	Type of project:												
			InfrastructureEducational programxResearch programxWorkforce development _xEconomic												
			developmentEco-RestorationSeafoodxOther (Name): Tourism												
			Brief description of activities:												
			The tourism industry is known to be a significant component of the economic activity portfolio on the Mississippi Gulf Coast. One unique and significant aspect of the tourism industry in coastal Mississippi is the combination of a coastal environment and												
			casino gaming. With limited resources, it is vital to invest in areas that yield the highest lifetime economic impact and to												
			diversify where possible. However, there is no known comprehensive time-series assessment of the economic impact of tourism activities by sector in coastal Mississippi, nor is there any known collective effort to better understand who visits												
			coastal Mississippi and why. The research project would model the economic impact of tourism activities annually over a ten-												
			year period in coastal Mississippi and, subsequently, on the State of Mississippi. This project would also entail measuring behavioral perceptions and intent throughout this period. Among others, primary sectors in the overarching time series												
			assessment would include casino gaming, beach and marine-related tourism, festivals and other annual events, eco-tourism,												
			arts and museum tourism, sports tourism, and wildlife tourism. Using established and conventional modeling software, a customized economic impact model will be built and maintained for the lower six counties in Mississippi to support the												
			research agenda. Economic impact analyses will be conducted in the aggregate and by tourism segment to determine the												
			effects on all sectors of the economy to include support amenities such as restaurants and bars, and hotels and lodging. Among the outcomes will include changes in economic growth, and related changes in jobs and income. The College of Business will												
			supply the ongoing business analytics for this effort, which fills a significant and critical research gap in this area.												
Workforce Development	218	0 11/11/2014 A Comprehensive Economic Impact Time-	Brief Title: A Comprehensive Economic Impact Time-Series Model of Recreational Marine Activities in Coastal Mississippi	Harrison	Yes	No	No	Yes	Yes	Yes	Yes	Yes	\$ 9,500,000.00	\$ -	
-		Series Model of Recreational Marine	Point of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth.LaFleur@usm.edu, 228.214.3438 and Dr. Gregory Bradley, Gregory.Bradley@usm.edu, 228.214.5402												
		Activities in Coastal	Gregory.Bradley@usm.edu, 228.214.5402												
		Mississippi	Type of project:												
			InfrastructureEducational programx Research programWorkforce development _x_Economic developmentEco-Restoration _x_SeafoodOther (Name):												
			Brief description of activities:												
			Marine recreational activities are abundant on the Mississippi Gulf Coast, and this 倜blue economyå€ils widely believed to												
			significantly impact the local and state economies. However, there is no known comprehensive assessment of the economic impact of these coastal activities in Mississippi. Through extensive primary data collection, this research project would model												
			the annual economic impact of coastal marine recreational activities over a ten-year period on both coastal Mississippi and the												
			State of Mississippi. Activities in the annual assessment would include recreational fishing, onshore and offshore charter boating, big game fishing tournaments, recreational boating, and recreational activities on marine and inland waterways. Using												
			established and conventional modeling software, a customized economic impact model will be built and maintained for the lower six counties in Mississippi to support the research agenda. Annual economic impact analyses will be conducted in the												
			aggregate and by activity segment to determine the effects on all sectors of the economy to include support amenities such as												
			boat sales, bait sales, marine equipment sales, harbor revenue, etc. Among the outcomes will include changes in economic growth, and related changes in jobs and income. The College of Business will supply the ongoing business analytics for this												
			effort, which fills a significant and critical research gap in this area.												
			Location (City, County): Long Beach, Harrison County Infrastructure cost (# years): None												
Workforce Development	218	L 11/11/2014 Continuous record of wate quality for evaluating	The goal of ecological restoration is to provide a productive and sustainable ecosystem that results in the increase in biodiversity and nutrient retention. In near shore marshes, plant diversity and species differences lead to carbon sequestration.	Jackson,Ha	Yes	Yes	No	No	Yes	No	No	No	\$ 380,000.00	ş -	
		restoration impacts (nutrients, trace metals,	changes in water quality and nutrient retention. However, such wetlands are generally either nitrogen or phosphorous limited and the availability of these essential nutrients affects plant community type and species richness. Therefore, an essential step												
		microbial communities and	in the restoration of Mississippi Sound is to understand the temporal aspect of water quality before and during restoration												
		physical measurements)	projects.												
			Water quality indexes have been based on measurements of DIN, DIP, chlorophyll a, water clarity, and dissolved oxygen;												
			however, because no DIP sensors are available such measurements are made on discrete samples and the availability of sending people to sea. As a result there are limited temporal observations especially on hourly to daily time-scales and when weather is												
			bad. In contrast, studies of submersed aquatic vegetation (SAV) typically focus on off-the-shelf sensors (temperature, salinity, pH, DO, turbidity, light attenuation), but lack critical information about nutrient concentrations.												
			To deal with theses shortfalls, we have been developing and utilizing continuous fluid samplers (OsmoSamplers) for oceanic,												
1			estuarine, riverine, and land-based borehole research (Wheat et al. 2011). OsmoSamplers use osmotic gradients to draw fluids	1											
			Into small-bore tubing (Jannasch et al., 2004). Such systems have been designed for studies lasting days (samples every 15 minutes) to 5 years (samples every week). Samples also can be preserved in situ to stabilize dissolved metals, nutrients and microbial community structure (Pobldart et al., 2013).												
			We propose to deploy new state-of-the-art water quality monitoring systems that couples standard sensor measurements with												
			OsmoSampler systems that are specifically designed to preserve fluids for nutrients, trace metals, and microbial community structure. We move beyond standard nutrient measurements to included trace metals and microbes. Trace metals can be toxic	1											
			and are mobilized by excretion of salt glands in Spartina alterniflora and contaminated and natural sediments the latter resulting												
			from changes in redox state. Samples also will undergo standard microbial analyses with a particular interest in Ecoli, an indicator species for human health issues. However, the entire biome will be assessed because not much is known about the												
			temporal aspects of microbial structure and function in these environments.												
	1	1 1		1											

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Workforce 2182 Development	2 11/11/2014	Continuous Monitoring of Suburdae Water Quality (Nutrients, Metals, Salinity, Pressure) using Pixometers (Boreholes)	The gold ecological restoration is to provide a productive and sustainable ecosystem that results in the increase in biodiversity and nutrient reteritori. In mere shore marches, plant diversity and species differences lead to carbon sequestration, changes in water quality and nutrient reteritori. In Newveer, such welfands are generally either intragen or phosphorous limited and the availability of these essential nutrients affects plant community type and species informes. Stubin marsh environments nutrients and availability of water affect plant zonation as a function of competition, physical stress and nutrient limitation. Therefore, continuous monitoring of these constituents is essential for retoxotion projects in Mitsings DS south outerstand the temporal aspect of water affect plant zonation as a function of competition, physical stress and nutrient limitation. Subsurface environment. For example, removal more and the subsurface Such data wall povide an indication of water flow, availability of fields and and and and and and stratistical stress and indication of water flow, availability of fields water, flow the subsurface Such data will provide an indication of water flow, availability of fields water, flow the subsurface. Such data will provide an and such stress to a hard in flow, availability of fields water, flow the subsurface. Such data will provide an analyses to include trace emats because mobilization of untain and industrial sources of trace metals (e.g., Flow, OG, LO, T.D., T.C., data dip trough nature dot changes can each concentrations that are detimented to toke in tidal credes, watersheds, and in the absurface. The novel system that we propose to deploy couples standard sensor measurements with OsmoSampler systems that are secrifically designed to preserve fluids for nutrient and trace metal-loces. Divendorshape kers dordsystems has been untilled for counce, staturier, neuries, and subsors. Divendorshape exercit research (Wheat et al. 2011). DomoSamplers use sonnot: gradien	Mobile,Jac		ves No		140 Yes	Νο	NO 110	\$ 280,000.00 3		
Development		RETINA: A K-6 STEM (Science, Technology, Engineering, and Mathematics) Program for Mississippi	hetorotion and monitoring projects in Micissiops Sound require STM (Science, Technology, Engineering, and Mathematics). trained genome and a community that appreciates the benefits of a healthy cosystem, however, there is a deficiency in both that could struit the growth, continuity and quality of proposed restoration projects. To address these deficiencies and to position Missiops for the future wend understanding. But Michael Michael Michael Michael Michael Michael and can be fostered by promoting curicity and by exposing them to a spectrum of experiences. Such experiences, play a tatal thein a activity profilemy in science understanding, but unfortunately, a myrind of buggetray and subceconomic reasons limits opoprtumities for youth, leaving many economically disadvantaged students training in STEM fields (NRC, 2007). To meet these challenges the RETINA Program provides schools with a cost-effective and administratively beneficial way to broaden the scope of student exposure through Its STEM curiculum. The RETINA Program is AS of Michael et al. 2007). To meet these challenges the RETINA Program provides schools with a cost-effective and administratively beneficial way to broaden the scope of student exposure through Its STEM curiculum. The RETINA Program is AS of Michael et al. 2007). To meet these challenges the RETINA Program provide schools with the scot-effective and administratively beneficial way to broaden the scope of student exposure the unbineliad a scherific process and designed to provide consistency and a continuum of difficulty among the pades. The program focuses on interactive participation in the design and development of provide a medium for communicating interest, experience, and Challenges on the fifth and final due of the program. The RETINA program has been designed modified, and tested in several diverse schools in cultiforia and Vermont. It is now paset to expand, faccal units, Clascuer storage schores for theses schools in cultiforia and Vermont. It is now pasply two		Yes	Yes Yes	20	Yes Yes	No	No No	\$ 570,000,00 \$		
Development		Statewide Engineering Innovation Program for Marine Science Applications in Support of Mississippi Sound Restoration Projects	The National Oceanic and Atmospheric Administration highlights the importance of the marine sector AEacOne of every six jobs in the United States is maine-related and over one-third of the U.S. Gross National Product originates in coastal areasAEB However, the number of trained engineers from institutions of higher Hearning that have a understanding of the challenges associated with working within the marine sectors are instifted and donlifer three community needs for example, remotely operated whicks (ROV) in 2013 are anticipated to have net revenues of 548 with an order of magnitude more spent on operations. Similarly, livestituterin 1 AUVIS is davaring with a horgic-test increase in more than at housand AUVIS (52.318) by 2019 and the growth of sensors and navigational equipment doubled in the 2010-2011 period alone (Lee et al. 2021). We propose to make an investment in the education of engineers at the college level within the state of Mississippi, by exploring students to challenging engineering applications in the marine word, thereby opening the door to a pheton of paternilia Careers. To accomption the state class thiresety, wol is funding by the Rem 7 mini/Fondiation to develop anulti- mastrummets, platforms, and/or resinose. These products are integrated among the various university-laxed teams to complete a seconder state accomptions a scientering goalt. The National Institute for Undersas Science and Technology (NSUT), which is a partnership between the University of Natissispi path works withoring the trans and Technology (NSUT), which is a partnership between the University of Natissispi and the Undeversity of Southern Mississippi, will take the lead in designing criteria of effecter sensors, velices, or platforms that will be developed at each of the partners students to accomption as accounting and the University of Southern Mississippi, will take the lead in designing criteria of effecter sensors, velices, or platforms that will be developed at each of the partnersites. Student teams will design,	Hancock,J	.ves	Ves Yes		Ves Ves	Νο	No No			
Workforce 2190 Development	11/12/2014	Purchase and Sea Trisis of 4000-m Capable Remotely Operated Vehicle for Marine Science Discovery and Experimentation	The National Oceanic and Ximospheric Administration highlights the importance of the marine sector XetXoe of every six jobs in the United States is marine-related and over one-third of the LS. Gross National Product onginates in coastal areasKEE An example of the growth in the marine sector is the expectation that remotely operated vehicles (ROV) in 2015 are anticipated to have net revenees of S48 with an order of magnitude more spect on operations. Similarly, investment in AUVs is datavaring with a projected increase in more than a thousand AUVs (S2.38) by 2015 and the growth of sensors and navigational equipment doubled in the 2012-011 period alone (Lee et al. 2012). However, no deep-water ROV systems for marine science are based in the state of Misissippi or in any of the five states that border the Guif of Mexico. We propose to make an investment in the infrastructure of Mississippi Marine Technologies though the purchase and sea trials of a 4000m capable remotely operated wickin (ROV). The Matianal Institute for Undersea Science and Technology (NSUT), which is a partnership between the University of Mississippi and the University of Southern Mississippi, will take the leal in degrimme (articles of a ROV That will be suitable for scientific operations within the Guif. Upon delayer of the ROV, the NUST team will subject the ROV to sea trials and design and fabricate the various tools that will be needed for scientific discovery and experimentation. The cost for such a vehicle would include a tether, winch, and tether management system, control van, and supply van. The vehicle would have 2 seven-function manipulators. The cost for this the design, surfaces and sea trials is "SSM and would take 3 4 years to complete the final integration of systems for ocean operations.		Ye	Yes Yes	100	Yes Yes	Yes	No No	\$ 5,000,000,000 3	- Equipr	nent development and purchase

Workforce Development	2198 11/	13/2014 West Harrison County Business Incubator	The Harrison County Development Commission (HCDC) is requesting \$700,000 to construct a Small Business Incubator to be located in the Long Beach Industrial Park. This new facility would be operated in conjunction with The Innovation Center located in Billos, Since 1990, the Innovation Center has encouraged the development of small starts - up businesses by offering entrepreneurs lower operating costs and the training needed to successfully interact in the business word. The current facility has been operating a ninery-two percent for the past three years binjlatifying the need for an additional facility.	Harrison	Yes	No	Yes	100 Yes	No	No	Yes	No	\$ 700,000.00		18	
Workforce Development	2201 11/	13/2014 Commercial Proving Ground for Space to Sp Floor Environmental Monitoring Technologies and Autonomus Altho- and Maritime Systems	Commercial Proving Ground for Space to Sea Floor Environmental Monitoring Technologies and Autonomous Airborne and Martine Systems Project Overview and Rational to statianability of costat resources a Mondational precept of community reliance through ecosystem preservation and restoration. Protecting there costal resources which provide critical ecological services to the communities along the Mississippi Cull Costat resources and Soundational precept of community reliance through ecosystem preservation and restoration. Protecting there costal resources which provide critical ecological services to the communities along the Mississippi Cull Costat it terrors of Detries against stoms using and validistig the requires long-term dependable, detailed, and proven information to make decisions that affect restoration and preservation outcomes. The National Oceans and Applications Research Center (NARAC) is focused to developing testing and validistig the commercial applications of environmental monitoring technologies and the information they provide to address Mississippi restoration objectives while enhancing the long-term economic statianability of this expanding geosphal information indury on the Mississippi Cull Cost. Expansion and sustainability of this industry and is long term benefit to ecosystem restoration is corrently inhibited by inconsistent measures to calibrate and walidiate the basic class that underpoint the derive of the searching geosphal information internet requirement for massyment information restoration investment decisions are critically dependent on calibrated and quantified data sets of horsen positional, ipatali, spectral, and rediress the fundament requirement for quantified data as the fundament requirement for measuring spatial and temporal trends in cosatia ecosystem that address long-term adaptive management attenative. NoO, and private organization focused on vetimal restoration and sustainability. In addition, the long-term visibility of this indivisibility of the M	Hancock,Ji	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	\$ 2,500,000.00	S 1 S		
Workforce Development	3213 11/	14/2014 University and College Volunteers for Restorat Projects	Information products to broader national and international markets. 4(Community Collaborations International will deploy teams of university and college volunteers from around the country to an participate in a week of service devoted to giving a boost of youtful energy to community based organizations supporting children, families, and the environment on the Guil Coast Community Collaborations International began working in the Guil Coast ten years ago recruiting and organizations supporting children, families, and the environment on the Guil Coast Community Collaborations International began working in the Guil Coast ten years ago recruiting and organizing teams of College volunteers to asist with international began working in the Guil Coast ten years ago recruiting and organizing teams of working the fore functions. Attivate activate of the second particle of Munite Resources, Beyr and Girls Culties of the Guil Coast, Guil Islands National Seashore, Renew our Nivers, and many more. Based on pointy ear results, during the community during the month of Murch, 400 volunteers service accommitting to a full week of service results in over 12,000 hours of much needed support for Murch, 400 volunteers service functions. The envice results in over 12,000 hours of much needed support for Murch, 400 volunteers service functions. The envice results in over 12,000 hours of much needed support for Murch, 400 volunteers service functions. The envice results in over 12,000 hours of much needed support for Murch, 400 volunteers service. The service results in over 12,000 hours of much needed support for Murch, 400 volunteers service. The service results in over 12,000 hours of much needed support for Murch, 400 volunteers service. The service results in over 12,000 hours of much needed support for Service service. The service results in over 12,000 hours of much needed support for Murch, 400 volunteers service. The service results in over 12,000 hours of much needed support for Service service. The service service servic	Harrison	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	5 410,000.00	ann na 1	19	
Workforce Development	3223 11/	15/2024 Understanding the Economic Linkages Between Coastal Restoration and Community Recovery fr Damages Associated wit the Deepwater Horizon Spill	h Rural Communities in the Northern Gulf of Mexico Region: Establishing the Center for Excellence in Coastal Resource Management 46tt Establishing the Center for Excellence in Coastal Resource Management 46tt The Deepwater Horizon oil spiil disrupted the Gulf EVF economy, damaged fisheries and critical habitats. In order to understand the magnitude of the Economic impacts of Deepwater Horizon OI Spiil to the different economic sectors affected, multi-year baseline economic information about each sector was completed from various econdary sources. Response to disaster fails for a number of reasons including lack of communication between adjacent communities, community officials, traite of gamizations, relief organizations, and the public. Additionally, prior planning wis inadequate. Research that helps communities integrate and strengthme responses in for util not bett preparation for both predicted and unforseen disasters and provide necessary short-term responses. For those events. In addition to Continuing the regional work of the Center, was alion propose to strengthme its programming by developing a tool to ad communities in planning for and responding to disasters, regendess of orign. The strategy will be called COAST drowth (Coordinated Organizational Assessment communities on the Mississippi of Inclast responde to Nutricean kathana as unit. Common processors or reflundancies would be determined, and ways to integrate and strengthen processes would be developed. This data could then be used to develop a coordinate approach for other closely associated communities to use for disaster response. This could be used to alexade communities to the disc of locading commonalities that and a differences that responde and differences to the responde and differences to the responde and differences to the responde for the could colored be developed. This data could have be used to develop asociated communities ty targeting commonalities that can be e	Hancock,Ji	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	\$ 467,187.00			
Workforce Development	3226 11/	15/2014 Autonomous boat for routine monitoring of water quality (nutrients trace metals, microbal communities and physic non-community) in Mississippi Sound	and the availability of these essential nutrients affects plant community type and species richness. Therefore, an essential step	Hancock,Ji	Yes	Yes	Yes	20 Yes	Yes	No	NO	No	\$ 530,000.0C	S -	Proposed	Research Developement

Workforce 3230 Development	0 11/16/2014	Developing Social Indicators to Guide and Evaluate Coastal Restoration and Protection Projects and Activities	Establishing a Regional Coastal Land Grant University Initiative: A Coordinated, Multi-Istate Approach to Integrated Engagement, Research, Technology Transfer, Education and Outreach. Objectives of this project are: 1.Binderstanding Stakeholder Beliefs and Perceptions: The First Step toward Effective Engagement, Awareness, Outreach, and Policiv Development.	Hancock,	, I Yes	Yes	No	Yes Yes	No	Yes	Yes	\$ 3	200,000.00	\$ -			
		rrigets and Activities	Paircy Development To formulate effective engagement, outreach and educational programs requires an understanding of the underlying beliefs and values of various teget audiences. Every individual, every community, and every culture has a set of beliefs and values that guide decision-making. Through the use of social science survey instruments, the underlying beliefs and values that arget audiences will be surveyed at the local and regional science survey instruments, the underlying beliefs and values of selected target audiences will be surveyed at the local and regional science survey instruments, the underlying beliefs and values of selected effectiveness of these efforts. This information should also be very useful to the RESTORE Council as it considers project selection and evaluation.	I													
			2. Beveloping Social Indicators to Guide and Evaluate Coastal Restoration and Protection Projects and Activities Social indicators are measures that describe the context, capacity, skills, inowledge, values, beliefs, and behaviors of individuals, households, organizations, and communities at various geographic scales. Social indicators are typically used to assess current conditions or attainment of social paise related to a variety of opplications. Building upon Project 1 (described above), this project will identify and define social indicators that can be used to guide and incrementally evaluate habitat and water quality restoration and protection projects developed to implement the RESTORE Council Sar Social Monitors Plan. The indicators can also be leveraged to serve as a common reference to evaluate the success of individual coastal watershed restoration and protection projects.														
			This foundational project will be designed to support and evaluate many of the activities and projects facilitated by the RESTORE Council by addressing the societal dimensions inherent in the Council&C ⁺⁺ S comprehensive Plan. A wide range of questions exist that, if answerd and monitored, could help the RESTORE Council adheve the success that it desires, such as:														
Development		and Outcomes through Annual State-wide Conferences, Gulf-wide Summits and Extension	2 Bioeminainen RESTORE Council-facilitated costal restoration and protection projects, activities, outputs, and outcomes though annual state-wide conferences, Gul-Med summits, and Extension for conducting research ranging from basic discovery to on-the-ground applications of the science of sail conservation, and requestion of the science of sail conservation. Researches, Stearton applications of the science of sail conservation, and the quality of the science of sail conservation. Researches, Stearton specialists and existence in the science into practice by engaging and educations patients and existence in the science into practice by engaging and educations. List is near costal state have a wide range and depth of expertise in these areas, and area highly trusted source of objective research-based information. Researches, Estension specialists and existence into practice by engaging and educating agrinultural and basiness interests, local governmente, and urbanating communities, conducting applied research, and understanding communities. Conducting applied research and detension education projects. The Sinth Lever Act of 1914 established the Cooperative Extension System, a publicly funded, informal education and transfer of Agriculture. The land grant university system, and individual countes. Extensions is not chromys between science in and contracts in multiple disciplines. Extension's versall proprose is dividual for provide community education and outrach in multiple disciplines. Extension's versall proprose is dividual to Extension education because on the science in allowed on the individual programs, and technology transfer focused on issues and needs of the provision of research-based information programs, and technology transfer focused on issues and endeds of the provision of research-based information regions. Extension is source and there, publicitions, reports and the routrach materials designed for its stabeloiders. Extension is source and refere publicitions experient and the science of rese				Yes	Yes Yes	Yes	: Yes	Yes	S		\$ -			
Workforce 3237 Development	11/17/2014	I ob Training for Living Shorelines and Tidal Marsh Restoration.	Jab Training for Living Shorelines and Tidal March Restoration. A benefit of the RESTORE funds will be creating a stronger demand for skilled workers to install living shorelines and do work to restore tidal marches. The skills for such green jobs combine construction and landscaping skills along with a sufficient knowledge of tidal cology to be able our understand the ned goals of a restoration project. The outdoor work environment is demanding and requires good work habits to be safe and productive. What is more, such projects are interesting to the general public and have the potential to encourage people to table better care of the environment. Therefore, the project traillars often have opportunity to engage with people on site to explain the project. There is growing interest with private property owners to apply be projects to such as set values and tidal march restoration. The RESTORE funds for restoration projects can be leveraged to pay for sach job training as a way to build capacity for future restoration, project and be able to explain the benefits of the project to curious set values. There will be a need for job training for living shorelines and tidal march restoration. The RESTORE funds for restoration projects can be leveraged to pay for sach job training as a way to build capacity for future restoration project. Many of the jobs created by such projects tave pay comparable to building construction jobs and like building construction, are job skills that are best gained by hand-on learning. The RESTORE funds will have a long-term impact on such emerging green jobs if training projects able becomparable to building construction jobs and like building construction, and pol skills that are best gained by hand-on learning. The RESTORE funds will have a long-term impact on such emerging green jobs if training projects able by construction and be able to be community benefits. Partnership The proposal is submitted by the Guil Cast community Design Studio in partnership with Moore C		1 Yes	Yes	Yes	Yes Yes	No	NO	No	Ş	90,000.00	\$ -	Curriculum development		
			The Gulf Coast Community Design Studio (GCCDB) was established on the Mississippi Gulf Coast in 2005 to work in communities impacted by Hurriane Katrina and has evolved from disater recovery work to addressing long-term issue of affordable housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service														

MARKAN Mark																		-		
All III III III III III III III III III		3240	11/14/2014		sessonal fishing industry. Today MCH responds to the needs of low-income women and young children in east allious through two programs that research shows make the most strategic and positive difference in moving a low-income family closer to self- sufficiency: quality affordable early childhood education and job training that leads to higher paying employment. Through the Women in Construction Program (WINC), MCH creates a pathway for low-income women to higher paying lobs in the	Mobile,Jac	Yes	Yes	No	'n	(es	Yes	No	No	No	\$ 1,500,000.00	****	Ī		
Image:					level, and in every profession. Women are clustered in low paying jobs, making up 80% of minimum wage workers. Mis has the highest rate of single-mother headed families, mothers who bear financial regossibility for children. Minimum wage kewes a family of 2 (mom and child) below the federal povery level. Construction jobs are the only ones in MS where women earn the game wages as me, and there jobs pay in hourly wage determined by the MS Scionnic Policy Carter as self sufficiency wage.															
Image: Single					earn wages to promote self sufficiency within the construction field. Essides helping provide well-paying jobs to the region's low-income women, it helps meet industry demands for a trained workforce. While the construction trades offer careers that provide self-sufficiency wages and good benefits, WinC is the only job-training program in the region that is taliented to prepare women for this work. At this point and then it is orkital to maintain momentum by expanding programming, reaching more															
Constraint Image: State in the set of instance in					welding green job training, and diaster relief and recovery. Of the 220 plus women who have graduated the program, 75x of these individuals have gained employment. Craduates have gained living wege jobs in apporticitorial and nortraditional occupations in trades such as welding, shipfitting, habitat restoration, and construction management, earning from 514 to 258 an hour. Winc's feminizing the face of construction on the Guil Coast one well-trained woman at a time. Qualitative data is used to assess impact that improves socioeconomic wellebeing. Participants have made cross collural bonds, left abusive															
1 1		3241	11/17/2014	building, USM Gulf Park and the Center for Coastal	Point of Contact, email and Phone IF: Dr. Elizabeth LaFleur, Beth.LaFleur@usm.edu, 228.214.3438; Dr. Gregory Bradley, Gregory.Bradley@usm.edu, 228.214.5402; Dr. Føye Gilbert, Føye.Gilbert@usm.edu, 601-266-5544 Type of project: infrastructureX_Educational programX_Research programX_Workforce developmentX_Economic	Harrison	Yes	No	Yes	86 1	/es	Yes	Yes	Yes	Yes	\$ 35,000,000.00	Ş -			
Watching Job J1/J4/2014 Geff Observing Anality stars PCPC proposes a study to determine the faciality of the Curl Observing Anality of the Curl Observing A					Brief description of activities: The proposed building will house the College of Business on the USM Gulf Park campus and the Center for Casatial Analytics (CCA). Since Hurricane Katrina, the College of Business at USM Gulf Casat (CoBC) has been housed in an inadequate modular structure. The CoBCC events the exclastion leads to over 500 undergraduate and 100 MBA students each year. The CoBCC operation will include the new Center for Coastal Analytics (CCA), created for the purpose of ordinucting economic impact analyses, primary research projects, financial analytics, business assistance for entrepreneural start-ups, and graduate education focused on two central sectors of the Mississippi Gulf Coast economy: blue econstructed activities and Coastal lourium. The evaluation graduate during the constructed and the Gulf Park campus of the University of an economic impact analyses and grimary research for the commercial aedood finiteries (I.e., Juring, c.b.), opter, spotted casation, end segment, increational fidencies and markine truttom, and Coastal functions exctors ungene, chancelonal fidencies and markine truttom, and coastal to the Mississippi Gulf Coast (gaming, brotels and doging, restaurants, sports tourism, ectoruism, creative economy tourism, calinary tourism, festivate and oversits unique), increational fidencies and markine truttom, and coastal tourism sectors unique support entrepreneurial activities. The COAS of ground busines path analysis and end the functioning to support entrepreneurial activities. The COAS of ground busines path analysis and end the truttom economics and coastal tourism. These path primes activities the entrificate in coastal diversits unique advects unique and working professional/securitives in the business valantions of tourism ectivities the entrificate in coastal supports in the courism can device and working professional/securitives in the business valantions of tourism ectors and new tourisms will train gaduate unity and working professional/securitives in t															
weekeepeered https://weikeepeered Program (GOAP) resulting Program (GOAP) resulting CPC/Programs in the feasibility of the conf Oderwing weiker in Program (GOAP). https://weikeepeered htttps://weikeepeered https://weik					Location (City, County): Long Beach, Harrison County															
Development In Provide International Filling International Filling International Student filipit training demand continues to increase, as fight training in foreign counties becomes more costs Image: Provide Pro	Development			Program (GOAP) Feasibility Study	Because of the importance of the Gulf of Mexico to vital interests such as seafood, commerce, energy and recreation, it is imperative that we closely monitor this body of water and coastiline for any signs of environmental threats. Our heightened waveness that offshore diffing distastics can affect the entire Gulf instead of juto es tops, doubd warrant the implementation of a Gulf wide monitoring system (GOAP) that can best be achieved by the utilization of a robust and diverse fileer of unmander anicraft with remote sensing and monitoring equipment. Stemins International Minory, with Its upposibled corridor to the Gulf, can be the base of operations for a combination of fixed-wing, rotary-wing, and lighter-than-air airships. This program would create approximately 300 jobs on the Mississippi Gulf Coast.		Yes	No	Yes	,	(es	No	No	No	No					
Development and Training development and Training in the three coastal counties of Hancock, this insign of the Astrono and Jackson. The marketing campaign will help be used of histopic differences that is support the partnership of forts with the local support the fort of development and Training in the three coastal and high school, Mississippi Guil Coast Community College (MGCCC), Pearl River Community College (PRCC) and MCDECC). Pearl River Community College (PRCC) and MCDECC) Pearl River Community College (PRCC) and Company and Companies in need of a skilled workforce, Though informative, the campaign will connect high school students, parents and the unemployed with the community College (PRCC) and Company and Companies in need of a skilled workforce. Though informative, the dissippi of GL Coast Main and MCDEC and Hango and Companies in need of a skilled workforce. Though informative, the dissippi of GL Coast Main and Hango and Companies in need of a skilled workforce. Though informative, the dissippi of GL Coast Main and the company of the market. The differences that staying on the Main and Companies in need of a skilled workforce. Though informative, the dissippi of GL Coast Main and the other and taining and the training on the Main and Companies in need that camera pain is not company and restain and and and the community college (PRCC) and the distinct and the informative company of the market. The distinct of the company and the theol company of the market company of the market company of the market company. The distinct and the analysis of GL Coast Wall be company and technic company of the market company of t	Development			Airport International Flight School	International student flight training demand continues to increase, as flight training in foreign counties becomes more cost prohibitive. A training facility at SIA for international students will allow for increased aircraft activities at the Airport, create new flight instructor positions, and will bring the Mississipp Guil Coast a previously untapped influx of foreign monies.	Hancock	Yes	No	Yes	100 1	res -	NO	No	No	No					
and companies in need of a skilled workforce. Though informative, the campaign will concentrate on being persustave in nature. It will flock on opersusding residences that staying on the Mullissoppio diff Costant Laking a more immediate casere path is not only acceptable, but also attainable. The benefits of being employed and remaining/living on the Mississippi Guif Costat: will also be toated in a visually and verbally compelling manner: A particular emphasis will be placed on high school students, their parents and their guidance courselors to convey the opportunities available through alternate dividants on training. The end result of the non-collegite career path high a subject of the paproprise training. This effort will help level the playing field of courselors to convey the opmortunities available through alternate dividence stature, their parents and their guidance courselors to convey the communicated by listrating the promising future (highly competitive stature), bescurfty, quality of fife these individuals face aff with the appropriate training. This effort will help level the playing field of courseling to courseling to accert path high		4263	12/19/2014		development and training in the three coastal counties of Hancock, Harrison and Jackson. The marketing campaign will help support the effort to develop and sustain a highly qualified workforce, as well as support the partnership efforts with the local school districts and high schools, Mississippi Guif Coast Community College (MGCCC), Pearl River Community College (PRCC) and MDES WIN Job Center.		Yes	No	No		(es	Yes	No	Yes	Yes	\$ 2,000,000.00	\$ -			
communicated by illustrating the promising future (highly competities stature, jobs security, cuality of the) these individuals face Bit with the appropriate training. This effort will be level the playing field of conclusions care are than high					and companies in need of a skilled workforce. Though informative, the campaign will concentrate on being persuasive in nature. If will focus on persuading residents in our target audiences that staying on the Mississpif ull Coast and taking a more immediate career path is not only acceptable, but also attainable. The benefits of being employed and remaining/living on the Mississpi ull allo be touted in a visually and verbally compelling manner. A particular endpasis will be placed on high school students, their parents and their guidance counselors to convey the															
					communicated by illustrating the promising future (highly competitive salary, job security, quality of life) these individuals face å€" with the appropriate training. This effort will help level the playing field for college path and non-collegiate career path high															

1													
Workforce	4266 12/19/2014	Tourist Corridor and	A more attractive appearance, tourist friendly public amenities and coordinating tourist information signage is needed in order	Hancock,H Yes	s Yes	Yes	50 Ye	s No	No	No Yes	\$ 9,600,000.00 \$ -		
Development		Gateway Beautification - Pedestrian Areas	to maximize the effectiveness of programs and marketing that generates trial to our destination. 2.According to a recent visitor perception study, the beauty of the area is an attribute that drives visitor satisfaction. Of those	📕									
			 According to a recent visitor perception study, the beauty of the area is an attribute that drives visitor satisfaction. Of those that were not satisfied with their visit, 36% noted cleanliness and the perception of Katrina recovery issues as a major reason. 	📕									
			3. This research also shows that one of the reasons cited for not visiting the Ms Gulf Coast is lack of a variety of things to do.										
			With over 600 visitor amenities, attractions and activities available, it is clear that we need to improve our communication of										
			tourism offerings.										
			 Improving visitor signage will increase awareness of tourism offerings and increase length of stay and therefore economic impact. 										
			5.A recent study in a competing market indicated that 20% of their visitors pass through one or all of our Coastal counties on										
			their way to their market, however there is very little directional signage on the major by-ways appealing to visitors.										
			Improving the visitor experience will generate return visits and invaluable word of mouth advertising for our destination,										
			especially in this age of social media when personal experiences and endorsements are the most trusted source of information										
			for travelers. 7.Harrison and Hancock County already have fully developed plans with costs that include tourist friendly areas, signage,										
			parking, amenities and more that would make Beach Boulevard and Hancock County waterfront and beach areas a true visitor										
			destination. These plans could easily be expanded and coordinated for Jackson County tourist areas. Managing these plans as										
			one project with inter-local agreements and cooperation between municipalities will enhance and strengthen our destination										
			marketing as one Mississippi Gulf Coast. 8.Several parts of the olan have already been funded and are expected to be completed this year including way-finding signage										
			8.Several parts of the plan have already been funded and are expected to be completed this year including way-finding signage coordinated with a tourism entity directory.										
			9.Additional jobs will be created to complete construction and installation of the new facilities and enhancements as well as										
			potential permanent jobs necessary to provide ongoing maintenance.										
			Required Funding:										
			Complete pedestrian areas used for walking, biking, jogging, etc. along the beach via continuation of concrete boardwalk where										
Workforce	4267 12/19/2014	Family Friendly Amenities		Yes	s No	Yes	100 Ye	s No	No	No Yes	\$ 15,000,000.00 #######	1	
Development		,	rebuilt. According to visitor perception research, variety of things to do drives repeat visitors.										
			2.Investments that broaden visitor experience could help to increase length of stay. TNS research indicates that the average										
		1	length of stay for visitors along the Gulf Coast is 2.8 nights compared to 3.4 nights nationally. Reaching the national average	📕									
		1	length of stay could increase visitor spending by \$160 million annually.	📕									
		1	3.Insurance costs and more stringent building requirements has made rebuilding these family friendly attractions cost prohibitive	📕									
		1	4.New attractions will require staffing and therefore create new jobs	📕									
		1	5.If he new Ballpark in Biloxi, re-opening of the Water Park in Waveland and others throughout the Coast are a good start but	📕									
		1	must be augmented by additional complementary attractions in order to recapture this lost market segment. B.Required funding	📕									
			B.Required funding 1.1 matching grant fund of \$7,500,000 for new or expanded family friendly attractions built near or in conjunction with lodging										
			facilities and/or other existing family friendly attractions										
			C.Project attributes										
			1.Sustainable										
			2.Eoast-wide impact 3.Eoenrates new state and local tax revenue										
			4.Ereates jobs										
Workforce	4301 43/34/551	Workforce Manhatian (NASA STENNIS SPACE CENTER TECHNOLOGY CORRIDOR	Stone,Han Yes		No.			No	No	\$ 1.486.000.00 \$ -		
Workforce Development	4281 12/31/2014	Workforce Marketing for NASA Stennis Space Center		stone,Han res	NO	OW	Ye	NO	NO	res	\$ 1,486,000.00 \$ -		
			The Mississippi / Louisiana Gulf region has all of the economic development elements in place to build a thriving economy:										
			The Mississippi / Louisiana Guif region has all of the economic development elements in place to build a thriving economy: infrastructure; human capital; marketable locations; and, quality of life and place.										
			infrastructure; human capital; marketable locations; and, quality of life and place.										
			infrastructure; human capital; marketable locations; and, quality of life and place. It is important now more than ever to invest in the long term sustainability of economic growth and prosperity of business and										
			Infrastructure; human capital; marketable locations; and, quality of life and place. It is important now more than ever to invest in the long term sustainability of economic growth and prosperity of business and industry along the Guil Coast Region. Residents and businesses in Louisiana and Mississippi have struggled to overcome the effects of Hurricen extrains, the defaure of the national economy, and the Guil To Split. The Restore Act provides a unique										
			infrastructure; human capital; marketable locations; and, quality of life and place. It is important now more than ever to invest in the long term sustainability of economic growth and prosperity of business and industry along the duff cast Region. Relations and businessin Locatiana Mississippi have struggled to overcome the										
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	4282 1/2/2015	dormitories for the Center for Marine Education & Research (CMER) in	Infastructure; human capital; marketable locations; and, quality of fle and place. It is important now more than ever to invest in the long term sustainability of economic growth and prosperity of business and industry along the Clocat Region. Beliefors: and business in Louisians and Mississippi have struggled to overcome the effects of Hurricane Katina, the decline of the national economy, and the Guif OI Split. The Festore Act provides a unique opportunity to bring the people of the duff Locat together as one region to poolwy affect the Cast accommy. The region is home to one of the most exciling and dynamic job creators in the countor; WASA Stemis Space Center. To engoin the the pools to the most exciling and dynamic job creators in the countor (WASA Stemis Space Center: to engoin the comon benefits to the worst engoin for most exciling and the color to drive new business income, sales taxes and jobs to the region. NASA Stemis Space Center is already a significant source of employment and income in the region. The direct conomic impact of the center on the S omite radius surrounding the center is 503 million. The direct global economic impact is 5940 million. With a total workforce of 5,128 and average annual salary with benefits estimated a 587,000, it is an envices plate to work. The Navy is a growing sector at Stemic. This regressrets a grand opportunity for Stemist to scepand its resources and create new block for Missinging and cusialars. The Navy shording employ verve 2:000 at Taxet and Navy Plane for the MISRODUCTION the Institute for Market Maxim Mammi Status (MMS) is an on-optimic and cusian divertion dives of the tomation education, concervation, and resarch of marine mammals and set turbs wills on the Status dived dived. To reporte a present state-of-the an Close is a significant to an envice split (DI 10) significant dived and the mammals and set turbs wills and envice DI (DI 10) significant and market MISM is an on-optimic BI (DI 10) significant discussion of the tenser of Market Barates and Rep		No No	Yes	ve	s Yes	No	Yes Yes	\$ 5,000,000.00 \$ -		
	4282 1/2/2015	dormitories for the Center for Marine Education & Research (CMER) in	Infastructure; human capital; marketable locations; and, quality of fle and place. It is important now more than ever to invest in the long term sustainability of economic growth and prosperity of business and industry along the GII Closs Region. Beliefors: and business in Louisians and Mississippi have struggled to overcome the effects of furricane Katrina, the decline of the national economy, and the GuII OS Joll. The Restore Act provides a unique opportunity to bring the people of the GII Closs together as one region to poolwy affect the Cast economy. The region is home to one of the most exciling and dynamic jub-creators in the countor, WAAA Stemis Space Center. To expand the scoremot benefits to the works are region for poolwy affect the Cast accompt. The region is home to one of the most exciling and dynamic jub-creators in the countor, WAAA Stemis Space Center, is already a significant approximation the common divide them is an earl on smart this state to enhance the image of the regions as visitor and residential porduct that offers quality living and high tech, high asying sustainable job opportunities. The Spale is to generate new visidential home sales and rebuild the lost population to drive new business income, sales taxes and jobs to the region. The site offers the state state of the center on the Somit drive rest to balance the state state and resident and the material state state and the section of the center on the lost gas-balance balance the site of a state and the state s		N 1	Yes	Ye	s Yes	No	Yes Yes	\$ 5,000,000.00 \$ -		
	4282 1/2/2015	dormitories for the Center for Marine Education & Research (CMER) in	Infrastructure; human capital; marketable locations; and, quality of life and place. It is important now more than ever to invest in the long term sustainability of economic growth and prosperity of business and industry along the difficult cast region. Elevidents and business in Louisana and Mississippi have struggled to overcome the effects of humicane Katrian, the decline of the national economy, and the Guif OI Split. The Hestore Act provides a unique opportunity to bring the people of the difficult cast together as one region to positively affect the Cost economy. The region is home to one of the most exciting and dynamic job-creators in the country: NASA Stennis Space Center. To expand the economic benefits to the two state region from this economic driver, there is a need to market this asset to enhance the mage of the region a a visitor an redentuit product that offers quality fluing and high tech. July paving sustainable job opportunities. The goals is to generate new residential home sales and rebuild the lost population to drive new business increme, sist based and jobs to the region. NASA Stennis Space Center is already a significant source of employment and income in the region. The direct economic impact of the center on the Sonile radus usrounding the center is SSIS million. The direct global economic impact is SSPM million. With a total workforce of 5.128 and average annual salary with benefits estimated af SSTAQOL, it is an envious place to work. The skill set is primarily scientific and technical with the majority of the personnel hoding bachelor degrees and higher. The Navy is a growing sector at Stemis. This represents a great opportunity for Stemis and consolidating Mission Control Centers for Autonomous Underwater Vehicles or frame and market set trans and sea turtles in the orthor Guif of Marketing. The state a premier state of the-art Center for Marine Bacation and sea turtles in the northor Guif of Marketing. To the MINDOUCHON: The institute for Marine Marmani Studies (s No	Yes	Ye	s Yes	No	Yes Yes	\$ 5,000,000.00 \$ -		
	4282 1/2/2015	dormitories for the Center for Marine Education & Research (CMER) in	Infrastructure; human capital; marketable locations; and, quality of fle and place. It is important now more than ever to invest in the long term sustainability of economic growth and prosperity of business and industry along the Gul Coast Region. Beliedness and business in Louisians and Mississippi have struggled to overcome the effects of furricane Katrina, the decline of the national economy, and the Gulf OS Joll. The Restore Act provides a unique opportunity to bring the people of the Gulf Coast together so one region to poolity split further coaster this space accommy. The region is home to one of the most carciling and dynamic jub creators in the coamit, "WAGA Stemic Space Center, To append the scores bendft to the worst are region for poolity split is and end on smart this space to portunity to this people of the worst are region in business in an end on smart this space to somatce the image of the region is a visitor and residential pools: that offer quality hing and high tech, high paying surainable job opportunities. The people is to generate new issidential pomes tales and rebuild the loss population to drive new business income, sales taxes and jobs to the region. NASA Stemis Space Center is already a significant source of employment and income in the region. The direct economic impact of the center on the So mile radius surrounding the center is 5051 million. The direct gibbal conomic impact is 5940 million. With a total workforce of 5,128 and average annual salary with beenfits estimated at SS7,000, it is an envicus place to work. The Nasy is a growing sector at Stennis. This represents a great opportunity for Stennis and consolidating Missino Control Centers for Autonomous Underwater Yehicles and growing the SST 2 presences will create even more jobs. Trollowing the Gulf Ol Salil, the international Economic Development Council (EEC) released a Marketing Strategy Plan for the INTRODUCTION: The institute for Marine Mammans Studies (MMS) is a non-profit SO L ([) organization declates to marine red		No	Yes	Ye	s Yes	No	Yes Yes	\$ 5,000,000.00 \$ -		
	4282 1/2/2015	dormitories for the Center for Marine Education & Research (CMER) in	Infrastructure; human capital; marketable locations; and, quality of life and place. It is important now more than ever to invest in the long term sustainability of economic growth and prosperity of business and industry along the difficult cast region. Elevidents and business in Louisana and Mississippi have struggled to overcome the effects of humicane Katrian, the decline of the national economy, and the Guif OI Split. The Hestore Act provides a unique opportunity to bring the people of the difficult cast together as one region to positively affect the Cost economy. The region is home to one of the most exciting and dynamic job-creators in the country: NASA Stennis Space Center. To expand the economic benefits to the two state region from this economic driver, there is a need to market this asset to enhance the mage of the region a a visitor an redentuit product that offers quality fluing and high tech. July paving sustainable job opportunities. The goals is to generate new residential home sales and rebuild the lost population to drive new business increme, sist based and jobs to the region. NASA Stennis Space Center is already a significant source of employment and income in the region. The direct economic impact of the center on the Sonile radus usrounding the center is SSIS million. The direct global economic impact is SSPM million. With a total workforce of 5.128 and average annual salary with benefits estimated af SSTAQOL, it is an envious place to work. The skill set is primarily scientific and technical with the majority of the personnel hoding bachelor degrees and higher. The Navy is a growing sector at Stemis. This represents a great opportunity for Stemis and consolidating Mission Control Centers for Autonomous Underwater Vehicles or frame and market set trans and sea turtles in the orthor Guif of Marketing. The state a premier state of the-art Center for Marine Bacation and sea turtles in the northor Guif of Marketing. To the MINDOUCHON: The institute for Marine Marmani Studies (s No	Ves	Ye	s Yes	No	Yes Yes	\$ 5,000.000 00 \$ -		
	4282 1/2/2015	dormitories for the Center for Marine Education & Research (CMER) in	Infrastructure; human capital; marketable locations; and, quality of fle and place. It is important now more than ever to invest in the long term sustainability of economic growth and prosperity of business and industry along the Gul Coast Region. Beliedness and business in Louisians and Mississippi have struggled to overcome the effects of furricane Katrina, the decline of the national economy, and the Gulf OS Joll. The Restore Act provides a unique opportunity to bring the people of the Gulf Coast together so one region to poolity split further coaster this space accommy. The region is home to one of the most carciling and dynamic jub creators in the coamit, "WAGA Stemic Space Center, To append the scores bendft to the worst are region for poolity split is and end on smart this space to portunity to this people of the worst are region in business in an end on smart this space to somatce the image of the region is a visitor and residential pools: that offer quality hing and high tech, high paying surainable job opportunities. The people is to generate new issidential pomes tales and rebuild the loss population to drive new business income, sales taxes and jobs to the region. NASA Stemis Space Center is already a significant source of employment and income in the region. The direct economic impact of the center on the So mile radius surrounding the center is 5051 million. The direct gibbal conomic impact is 5940 million. With a total workforce of 5,128 and average annual salary with beenfits estimated at SS7,000, it is an envicus place to work. The Nasy is a growing sector at Stennis. This represents a great opportunity for Stennis and consolidating Missino Control Centers for Autonomous Underwater Yehicles and growing the SST 2 presences will create even more jobs. Trollowing the Gulf Ol Salil, the international Economic Development Council (EEC) released a Marketing Strategy Plan for the INTRODUCTION: The institute for Marine Mammans Studies (MMS) is a non-profit SO L ([) organization declates to marine red	· · · · · · · · · · · · · · · · · · ·	No.	Ves	Ye	s Yes	No	Yes Yes	\$ 5,000,000.00 \$ -		
	4282 1/3/2015	dormitories for the Center for Marine Education & Research (CMER) in	Inflatructure; human capital; marketable locations; and, quality of life and place. It is important now more than ever to invest in the long term sustainability of economic growth and prosperity of busiess and industry along the difficult cast region. The Relations and busiessipal have struggled to overcome the effects of furricane Katrina, the decline of the national economy, and the Guif OI Spill. The Hestore Act provides a unique opportunity to bring the people of the difficult cast together as one region to positively affect the Cast economy. The region is home to one of the most exciling and dynamic job-restorior in the contry. MASA Stemis Space Center: To early also etonomy in a six with the analysis of the region from these denomes and the six of the part of the most the six is to brank this is six to early and economy in a six with the onic and region from these denomes and the six population to drive new business income, sales taxe and jobs to the region. NASA Stemis Space Center is already a significant source of employment and income in the region. The direct conomic impact is 590 million. The their cast black the six is the six on already employees over 2,300, it is an envices place to work, the sale six is growing sector at Stemis. This represents a great opportunity for Stemis to expand its resources and create new jobs for Musissippi and Louislam. The Navy already employs over 2,300 at Stemis and consolidating Mission Control Centers for Autonomous Underwater Vehicles and growing the Start 2 presents and create even more jobs. Following the Guil Clo Signil, the international Economic Development Council (IECC) released a Marketing Strategy Plan for the INTRODUCTION: The institute for Marine Manmal Studies (MMS) is an on-profit SD1 ((1) organization declinate to marine state of the and Center for Marine Manmal Studies (MMS) is an on-profit SD1 ((1) organization declinate the marine state of the and Center for Marine Manmal Studies (MMS) is an on-profit SD1 ((1) organization declinate to marine		1 No	Yes	Ye	s Ves	No	Yes Yes	5 5,000,000.00 5 -		
	4282 1/2/2015	dormitories for the Center for Marine Education & Research (CMER) in	Inflatructure; human capital; marketable locations; and, quality of life and place. It is important now more than ever to invest in the long term sustainability of economic growth and prosperity of busiess and industry along the difficult cast region. The Relations and busiessipal have struggled to overcome the effects of furricane Katrina, the decline of the national economy, and the Guif OI Spill. The Hestore Act provides a unique opportunity to bring the people of the difficult cast together as one region to positively affect the Cast economy. The region is home to one of the most exciling and dynamic job-restorior in the contry. MASA Stemis Space Center: To early also etonomy in a six with the analysis of the region from these denomes and the six of the part of the most the six is to brank this is six to early and economy in a six with the onic and region from these denomes and the six population to drive new business income, sales taxe and jobs to the region. NASA Stemis Space Center is already a significant source of employment and income in the region. The direct conomic impact is 590 million. The their cast black the six is the six on already employees over 2,300, it is an envices place to work, the sale six is growing sector at Stemis. This represents a great opportunity for Stemis to expand its resources and create new jobs for Musissippi and Louislam. The Navy already employs over 2,300 at Stemis and consolidating Mission Control Centers for Autonomous Underwater Vehicles and growing the Start 2 presents and create even more jobs. Following the Guil Clo Signil, the international Economic Development Council (IECC) released a Marketing Strategy Plan for the INTRODUCTION: The institute for Marine Manmal Studies (MMS) is an on-profit SD1 ((1) organization declinate to marine state of the and Center for Marine Manmal Studies (MMS) is an on-profit SD1 ((1) organization declinate the marine state of the and Center for Marine Manmal Studies (MMS) is an on-profit SD1 ((1) organization declinate to marine	· · · · · · · · · · · · · · · · · · ·	No.	Yes	Ye	s Yes	No	Yes Yes	\$ 5,000,000.00 \$ -		

Workforce Development	4292		Public/Private Training Partnership Program	The Mississippi Development Authonity (MDA) proposes to establish a Public/Private Training Partnership Program to provide workforce training in Hancock, Harrison, and Jackson counties through state institutions of higher learning, community and public collega, and Workforce investment Network Jack Developments (Training Provedents'). Funds will be used to support high- ment againstation. The program will focus on collegang provide and water collegang provides by providing interprivation and the training apportunities with compared and organizations to call on parcel, thereins, and Jackson Courtes. Workforce training under the program may include internship programs, occupational skills training, and educational training including workplace Iterary, basic skills,	Harrison, J	J Yes	No	No		Yes	Yes	No	Yes	No	\$ 2,000,000.00			
Workforce Development	4299		Missisepp Guff Coast Businers Resource Centers	Misssippi Gull Coast Business Resource Centers Entrepreneurial support is one of the keys to positioning communities for economic success in tough times. With the economy struggling tog text back on track following tartina, the Gull Oli Spill, Isaac and the recession, there was and still is a need to fuel the small business engine by giving entrepreneurs and companies the support they need to re-open their doors, recover, equand and hire more workers. When the Deep Horizon OI Spill hit, the Hancock Chamber of Commerce was poised to launch the business resource recovery center, using the Katrina model as a template. In the aftermath of Hurricane Katrina, the Hancock Chamber of Commerce was not be ground immediately providing textical assistance to businesses. Through Gull Ol Spill (DRC) for the Misssippi Guard Coast and managed the center from July 2011 der December 2013. In 2013, the Hancock Chamber of Misssippi Guard Coast and managed the center from July 2011 der December 2013. In 2013, the Hancock Chamber Misssippi Guard Coast and managed the center from July 2011 der December 2013. In 2013, the Hancock Chamber Kaund for this program Through this proposal, we recommend and for this program by the Misssippi Coannie Development Coast. Through this proposal, we recommend that a total budget of \$2.4 million be allocated from the Restore Act Funds to fund a Misssippi Guil Coast Business Resource Center Program. Using the Hancock Chamber Model, we propose to Develop a Small Business Stacut, Star Force & Business Resource Center in each county, using exiting Chamber of Commerce to bring all key stakeholdens together to: Stabilite locab businesse; Beabilite Josta Missiness and consumer confidence; Bet Jargets and Immelines; and, Bert for exiting Busines Amercounce.	Jackson, H	Yes	No	No		Yes	Yes	Yes	Yes	Yes		\$ -		
Workforce Development	4305	1/26/2015	A Hancok County Aerospace and Workforce Academy	perograms fom both the stackenic and workfore training respectives. The stark flow competitive advances with industry-related training perograms from both the stackenic and workfore training respectives. The stark flow community College (PRCL), which services Hancock County, and the Hancock County Port and Harboc Commission (HCPHC) have the will, need and whereveltal to make such a competensive training program a reality. WH PRCCR** establing scatemic and workforce training acumen and HCPHCGR*'s land strategically located on the Stemis international Alpropt airfield, a very successful partnership can be formed. It is supported by Restore Act Training in an estimated annual of 510 million for constructing a multipurpose 43,200 sf. facility and related parking, agron and taxiway and an estimated and Stemis international Alpropt. har robust aerospace activity in both the protest and fideral sectors with twelve industries in the private sector alone, and coast wide there are 25 aerospace industries, with an unotal amound of sumaller support business with industriating needs. While there is strong sector activity, lacking are the components that would corease a true industry cluster and a major factor in cluster of averlopment is the existence of a nuiveslites and colleges supportive of that activity. Once a strong industry cluster is not place, synegies are created that are hard to easily duplicate in other regions. PRCC and ICPNC with to enhance the Guil CoastL®* existing competitive advance of an aerospace and workfore exading what would provide the academic, workfore training, and networking components that weave the threads of synegy even tighter for aerospace in Hancock County.	Hancock	Yes	No	Yes	15	Yes	Yes	No	Yes	Yes	\$ 10,000,000.00	Ş -	similar to IE	
Workforce Development	4319		System Architecture Definition for an Operational Ocean	The GUI of Mexico Iving costal and marke systema are experiencing stress from man-made discuptions including the Deginator Horizon Incident and nature phenomena, including server strems, as beer intic, ocatal depletion, hypoxia and compromised water quality. Decision makers have not been afforder with the actionable information and isonahedge needed to make well informed decisions in interest of the public and the associated businesses and industries along the Mississippi Guil Coast with regards to short and long term coastal management. Apparent in recent man-made and natural disaters is the inability to predict the effects of these events due to the lack of in- trains, the ability to sacinately pareits from allow socies and modeling the effects of these events due to the lack of in- trains, the ability to sacinately pareits from surge. Also, existing from Deginater Horizon was the need for baseline environmental conditions. In order to respond to these anthropogenic and natural disater in both tracical and strategic time environmental conditions. In order to respond to these anthropogenic and natural disater in both tracical and strategic time environmental conditions. In order to respond to these anthropogenic and natural disater in both tracical and strategic time environmental conditions. In order to respond to these anthropogenic from metrs to statily and the associated infrastructure along the Guil of Mexico, specifically the Mississippi Guill Coast, to adequately respond to these environmental conditions occurring at tempoind science from hours to decise and spatial science from metrs to statils adheolders includue, but on orgenications (CDMOPS) for MS RESPONSE. This would be based on requirements from al stakeholders includue, but on the Mississippi Department of Derivoronmental Caudity (CGL), Department of Marine Resources (DMM) and other local, state, and federal. From an economic development perspective, Mcadible Economy/GMINs will include includue to the total state, and federal. Fro	Hancock,S	Yes	No	No		Yes	Yes	No	No	No	\$ 1,475.00	Ş -		

Workforet Development	4331	3/5/2019	Jeenvirge Mississippi Basineses for RESTORE Projects	Inder the BESTOR EAL, Mork will be discensioned to a number of entitles for projects involved in conservation, castial exciticities and economic development, and a number of entropics. The gal of these projects is to create a Mussiapio costs economy that is thinking, with an approach to costal a trivities that supports ecosystem sustainability and costal relinience. Key to BESTOR project success is involvement of local Mussiapio companies these projects are conceived and planned, carried out, and monitoring mechanisms are established. The Mussiapio Enterprise for Technology (MSET) serves as a conduct local and regional andlo businesses. MSET proposes to assist RESTORE Act coordinators in identifying Mussiapio and other regional companies to assist in RESTORE projects. MSET, a nonprofit organization based at Stemis Space Center, is funded by state and federal agencies to, in part, assist companies in finding business apportunities. The organization routinely connects small businesses with federal agencies and large prime contractors for opportunities that range from construction to high-technology research and development. This is accompliated by number of mechanisms that include entroxing events, opportunity presentations, business matchmaking, introductions, and email distributions. The ognal of these activities is to get as many local companies involved in supporting detailly funded projects and programs at Stemis, in the region, and across the nation. Through the course of the last several years, MSET has developed a substantial database of local companies dir of supplices, service providers, technology companies, construction companies, engineering times, consultant, and other organization shar might assist in larger project as subcaled with RESTORE funding. MSET propose to use this archive of companies to assist HSETORE project cand be even to the local area, supporting the development and other expansion of small Mississipi companies. As an example technology companies, engineering the development and oth	e-	k Yes	Νο	No	Yes	No	No	Yes	Νο	\$ 90,000.C	xo \$ -	
Workforce Development	4348	4/13/2015	Lady Fab Trio (travel, higher education, and health management)	The BackNNR Blueprint FoundationBLR is 30126 non-profit organization working to address the specific needs and problems associated with young women. Stabilished in 2013 in Diamonthead, MS, with the business office in Guliport, MS, our mission is add our community in aurching endlation of dispurities anongst women. We aim to emphase enourging typus women to add with in aurching endlation of dispurities anongst women. We aim to emphase enourging typus that more address the stability of the st	n it, e	Yes	No	No	Yes	Yes	No	No	No	\$ 750,000.0	00 \$ -	
Workforce Development	5378	7/7/2019	Intelligent Communities: Helping rural communities transition to, plan for, and prosper in the digital age	The Mississippi State University Extension Intelligent Community Institute helps rural communities transition to, plan for, and prosper in the digital age. The Institute, in partnership with local champions, schedules a series of presentations to increase	's	Yes	No	No	Yes	Yes	No	Yes	No	\$ 150,000.0	10 S -	
Workforce Development	5383	7/31/2019	MS Gulf Coast Economic Development Data Project	Project summary Southern Mississippi Planning and Development District will create and maintain a one-stop resource for consistent, accurate, up-to-draft data across the Mississippi Guil Coast counties of Hancock, Harrison and Jackson. It will be designed with input from and for use by provesisinal economic developers, Ical Queemments, tourism bureaus and others actively seeking too create ne jobs, grow existing business and stimulate more wealth along the coast. A standardized approach to data collection will benefit the entire region. Out a collection input and display Data collected will be organized and maintained in a geospatially-enabled database management system. SMPDD will use a dedicated Gis server and provide user login and password-protected access for authorized users. One of the major features an benefits of this solution will allow continuous access to the most updated data, as the server will retrieve data directly from the working database. The data may be diplayed in static tables or in usere generated tables, allowing online may being and harc copy downloads. SMPDD will seek input from the professional economic developers to determine the fields for the database. Some data may be wallable on a public domain and other data may be purchased. Topical areas may include but are not limited to 3e ^{eee} deC Building permits deC Sudiding permits deC Goulding permits deC Guilding permits deC Mindow harterns deC Building partners We will seek and anticipate cooperation with & ^{eee} We will seek and anticipate cooperation with & ^{eee}	w t d	h, FYes	No	No	Yes	Yes	No	Yes	Yes	\$ -	Ş -	

Workforce	E200 0/	20/2015	Developing Grassroots	Executive Summary	George,Jac	V~	Voc	Voc		Vor	loc Ve	r Vor	Voc	\$ 10.00 \$		т
Development		1 E E F F 1 E E	deas for the Purpose of auding a sustainable lauding a sustainable lauding a sustainable commit engine by relation and the sustainable relation and they business hereing and New Business hereing and New Business hereing and New Business hereing and New Business	The proposed plan outlines a multi-faceted approach to developing a Community-based High Technology Laboratory capable of producting an ACREConomic TegneteResulting in innovative approaches to developing for profit businesses and industry, future products to capture realitation and monositors in green technologies in order to produce sustained economic and community development in targeted impovershed regions. The Costal cities and Counties is at the epicenter of the slowest community development in targeted impovershed regions. The Costal cities and Counties is at the epicenter of the slowest recovery from the effects of natural distates and conomic and community development in the State of Mississippi are parts of the costal Region which serverly suffers from challenges in business development, costanties in Mississippi are parts of the costal Region which serverly suffers from challenges in business multi-faceted approach capable of maximizing existing resources while creating an effective & acceconomic EngineERs meeded to stimulate job creation in the targeted region. This engine has to be strong enough to & & & & & & & & & & & & & & & & & &												
Workforce Development		f 1 1 1 1	-110 Corridor along the Back Bay of Bilod	This comprehensive project will revialize waterfront areas of fast Block from the Highway 90 Bridge north and west to the 1-110 Confrod through multi-use improvements to enhance and restore natural resource, create jobs, pusport the safedoal of maritime industries, and expand family-oriented attractions to extend visitons' stay on the Mississippi Gulf Coast. Throughout the project area, the CIP will provide safe, convenient public access to the shoreline and will enhance traditional working waterfront activities with a variety of land uses that Movase local saced through hopping, clining, entertainment, and educational venues. RESTORE grant funds will be used as part of a public investment strategy to yield a long term increase in value by verializing the Back Bay beneficienes as the 1-10 Corridor and adjoining Od Billion englehomods by enhancing public access to the waterfront and revitalizing the safeod industry through public improvements that will include expanded commercial dock space and supportive fastione and the safeod industry through development of such things as a soft-shell crab adjuanture program. Redevelopment of the project area, as well as of the local seafood industry, has been particularly builds and strained be encodingent of the project area, as well as of the local seafood industry, has been particularly builds and only development. The project area, as well as of the local seafood industry, has been particularly builds and only development of the project area, as well as of the local seafood industry, has been particularly builds and only development. The project area, as well as of the local seafood industry, has been particularly builds and only development of the and the safe of the same and the local seafood and parter for the add use Street. This public encoders banding addy testores and boards atoproperiod the ower and particular development of Marine and for hit vessibly, venues for retail shops and restaurants, a asiling school; and space for Mississipi Department of Marine showca			Yes	Yes	80	Yes Y	es re	s Yes	Yes	\$ 35,000,000.00 \$		
Workforce Development		c		In December 74, 2015, the National Dabetes and Obesity Research Center and Tradition-Medical City submitted Project #540 to the RESTORE Project Portal. The Information below is an update to Project #540 based on a recent study and updated design and building estimates. The National Diabetes and Obesity Research Institute (NDORI), a Mississippi (MS) non-profit 501 (c)[3) corporation, is an innorative, translational research Institute Tocused on the population-based study and updated adbetes and Obesity, currently in Its Inflancy. The singular focus of NDORI is to find a cure for diabetes - a disease that impacts more than 15% of MS's population. NDORI Is located at Tradition, a 4,800-acre master-planned community in Harrison County at the Intersection of Highway 67 and Highway 605 north of Biolo and Guilpoct. MOORI represents a unique opportunity to invest in the long-term health of the state, concentity of Dost as a regional leader in the growing health and Ill-accines industry, create a catalyst for exponential economic growth, and promet community stalling through development and investment. The concept would be one of the concentros and a Balthcee, bioccines cluster: the Tradition Medical CITy, and application the MS Guil Coast as a regional bader in the growing head hand Ill-accines industry, create a catalyst for exponential economic growth, and prometic community stalling through development and investment. The concept would be one of the Concentrosci and the Hunbresh (of Schubern MS to study) mes community of Journe handhcare ductor with the Tradition. Medical CITy at the news, the final product of this study was published as 46cmThe Scioseconomic impact of Healthcare economic development, and a primay edistation for hopatity, investing a catalys for medical industry growth, mescand clusters of Molecone and Healthcare ductor of hunch healthcare, sociased provinity to one another Will accelerate inn	George, Hi		No	Yes	81	Yes Y	es No	Yes	Yes	\$ 57,000,000.00 \$		
Workforce Development	5465 2/:	16/2016 0	Computerized RESTORE	Investment in animising neural raisparties win new rai reacting impact. In reaucing neurin-instance close or missiospipular and Developing Working Proposals to hit win university Researchers and Marketers to address the RESTORE act and present the proposal 200% into dimensional sections for fundamental learners comprehensive training and developmental studies in progress. Each University Researcher that provide a biographical sketch, resume, CV etc. will be assessed to his or hers RESTORE ACT decision making teams. There will be implementation of US Military and International Interventions and redesign ROTC Workforce Innovation Training and Development.		Yes	Yes	Yes		Yes Y	'es Ye	rs Yes	Yes	\$ 18,000,000.00 \$	-	

Workforce Development	5505 8/11/2016 Gulf Coast Institute for Minority Leadership in Natural Resources	The Deepwater Horizon OI Spill caused lasting ecological and socio-economic impacts in Gulf of Mexico (GM) and adjacent land resources. Efforts have been initiated to restore impacted ecosystems: Such restoration efforts will be long-term and laS ⁺ se imperative that a well-trained cale of biologists with ideating building social to surve that such resources in continue, are consistent, ensure multiagency cooperation, and fulfil long-term gala. ItAF ⁻ s imperative that demographics of these lasters are consistent, ensure multiagency cooperation, and fulfil long-term gala. ItAF ⁻ s imperative that demographics of these lasters are consistent with coasial constraintendes. However, demographics of Individuals in leadering these in natural resources devide duals, restricts with coasial constraintendes. However, demographics of Individuals in leadering the site in natural resources devide duals, restricts and the site of the S Coasia Status. Joint and the site of the site in the site in the site of the site of the site in the site of the site in the site of the site o		Yes	No	No	,	NO	Yes	No	No I	No	51	5,662,208.00	ş -	
Workforce Development	5338 6/1/2017 COMMERCE AND TECHNOLOGY CORRIDOR	With more than is miles of interstate frontage. The City of Gaudier has access to only two interstate interchanges: One at 1- 10/Miss. 27 and one at 1-10/Gaudier-Macave Rod. The City of Gaudier has access to only two interstate interchanges: One at 1- Bienville Orthogenetics medical campus on Eait Luke Biel/Leik/Res Rod and 3) Spelificate repansions of B&D Plastics, a manufacturing facility and 4) Surplex industrial Park access from this interchange. The City has recently taken out a 51 million CAP bian from the Mississippi Development Authority and expanded and upgraded a portion All modal and ename if its at Luke Buolevant to accommodate the immediate development accurring in the area. The City has a commitment letter for 5350,001 in DP funding and 5750,000 in a second CAP loan from MDA to construct a 300,000-1640,000-gallmost act Luke Buolevant capacity expansion address the immediate development. Authority and expanded and ename if the Static Lake Subulevant capacity capacity address to accommodate the second but future planned expansions at Bienville Orthogaedics and other new developments withing 89 percent of Its water capacity. There is used for an additional 500,000 gallow water tain. It his area, used additional upgrades and wedenge the City has had nerve from any Bians for a hobit, planmacy, medical supply stores and restaures to support the evelopment that has already occurred. There are plans for a hobit, planmacy, medical supply stores and restaures to support the evelopment that has already occurred. There are plans for a hobit, planmacy, medical supply stores and restaures to support the evelopment that has already occurred. There are plans for a hobit, planmacy, medical supply stores and restaures to support the evelopment that has already occurred. There are plans for a hobit, planmacy, medical supply stores and restaures to support the evelopment that has already occurred. There are plans for the smart growth of this area, which requires the instrict for top evelopment, and t	Jackson	Yes	No	Yes	90 1	(es	No	No	Yes 1	(es	\$1	1,000,000.00	ş -	
Workfore Development	5548 4/12/2017 The SBCF New Wave Creter for innovation and Technology	Imail Buckess Capital Fund M 55, Inc. (BRCT) is a SDIG1 US Department of the Tressory Community Development Financial Institution (CIVI) this speciatize in finance programs and technical assistance for MS buckesses and has done so since 1994. As an administrator of several MDA small buckess assistance programs since the 1990AF*, SSGT is uniquely qualified to address at least the of the eight key areas of focus of the Gocasa 2020 goals as set forth by Coornero Phil Bryneti Ta222. SGCT is most forunate, as well, to have the full support and endorsement of Governor Brynet and his office with the submission of this request, and thereafter, if selected. The key areas that SBCT would address include: Workforce and Economic Development, Small Buckess Assistance, Research and Education and Intrastructure. If afforded this opportunity, SBCT would collectively address these areas by designing/building and operating a facility that would provide both incubator and accelerator services to coastal area start, and existing buckesses. Through an examine technical assistance platform, SBCT would collectively address security to protect their T environment as well as 105 0000 training and certification to help organizations to most frequences, and buckess do both their internat and external advicemes while meeting statutory and regulatory requirements. SGCT would all owork with large employers by facilitating personal development, guided with holp, organs for their employees such as .dKaYoor (Itaal laffect) your physical self, team how, why and what to do about it. Buchtyneit, SGCT would all owork with brage the facilitation to pregnate and correct on dimanaid succes. Such a tendplots productivity, benofits as it eliminates used of company time and diverted parameters on infrauduces. SGCT would advice and complay unimately benofits as it eliminates used of company time and diverted parameters on infrauduces. SGCT would advice and complay and private agencies and organizations in construction and transportation- readired diverte	Harrison,Ji	Yes	Νο	Yes	60 1	fes	Yes	No	Yes f	No		7,500,000.00	****	
Workforce Development	5729 8/15/2017 Harrison County Sheriff's Department Training Academy	The Harrison County Sherff's Departments for the sector of the project of the sector o	Harrison	Yes	No	Yes	90	io	Yes	No	No 1	No	\$	5,000,000.00	\$ -	

Workforce Development	5751 :	10/19/2017	USM Ocean Engineering and Umananed Martime Systems at the Port of Gulfoort	Statement of Need: The State of Mississippi has made extraordinary investments in its marine science and education enterprise around the Port of Guilport. The acquisition of the research vessel Point Sur was possible with support at the Port, and future growth of the marine AC BluelEX" concomy will be fostered by academic research and education activities at the Port. The Investments will yield results in economic and workforce development and emerging Unmanned Maritime Systems used by the US Navy, other federal agencies and industry. Statement of Vork: The USM Port of Guilport Marine Research Facility will be completed in Spring 2018, and the funds will be used to purchase state-of-the-art fabrication and engineering equipment, information and teaching technologies, building intraibing and ship support equipment. The building: LSM must provide all furnishings, information technology, research vessel support equipment and engineering/fabrication equipment. Detailed items for acquire will be submitted, but a general breakdown is provided here. Financial Request: Engineering/fabrication equipment (S1170.000) Transport whicles/filting capacity (S500.003) Varehousing Instructure (S100.000) Facility staff machinist start up (S200.000) Facility staff machinis technology (S225.000) Total Request: S2.400.000	Harrison	Yes	No	Yes	50 Y	es	Yes	No	No	No	\$ 2,400,000.00	\$ -	
Workforce Development	5763	2/19/2018	Unmanned Maritime Systems Technology Program	Mississippi Gulf Coast Community College (MGCCC) seeks to work with interested partners in the development and implementation of an Unmanned Maritime Systems Technology Program to support businesses and industries that directly support the unique environmental and ecosystem structures of the coastal geography and the Northern Gulf of Mexico. The orgam will be located in Jackson Courty, Mississippi on the Jackson Courty, Campos (C) of MGCCa and will complement the existing career and technical programs on campus, a thriving local maritime industry, and a growing scientific community. The proposal herein will not be statt and will be informed by and undeted as directed by current coastal efforts associated with ummanned maritime systems, indusive of the work of the GovernoidFer's Ocean Task Force. MGCCC6Fer's Unmanned Maritime Systems Technology Program will be a technical education program that will provide students with the opportunity to become employed in a growing industry. Information provided by the Dube Center on Globalization, Governance and Competitiveness indicates that the industry is a \$556 million-Golair industry that is growing at rate of 13 & Sbi munitaly. The program will conta datasomo. Jab bade, and field bade instruction and will alex on Uniduxtry and univensity partnerships in support of the program. Course still focus on systems 11, systems marketing systems operations, systems security, systems mandeturing, systems tackson Quanty Campus (IC). The campus is located in Gauter, Mississippi figgicially accessing the orbit of Interest 10 and Highway Quante Education market fields and instruction and will alex on the programs, workforce Mississippidf**, coast and the region beyond. Programmatically, the campus is located in Gauter, Mississippi figgicially accessing complementary programs to an Unmanned Maritime Systems Technology arytems-Mathoditionally, is to how the colleged/#** Structure Education Center (EC); a 40 - acce development and unitor operation of an Unmanned Systems	Jackson	Yes	No	No	Y	es	Yes	No	No	No	\$ 4,663,914.00	\$ -	
Workforce Development	5780	5/21/2018	Ocean Springs High School Aquaculture Expansion		Jackson	Yes	Yes	Yes	17 N	0	Yes	Yes	No	No	\$ 290,000.00	Ş -	
Workforce Development	5795	7/20/2018	Urban Natural Resource	The MS Lithan Forest Cound developed a project in 1995 with EPA cesting a program to hip people learn about careers in the growing food, and maintenance, cut flowers, and other "green jobs." The program was called "Ribbons of Green Career and Job Training." We are proposing this project to assist in restoring the MS Gulf Coast from injury of natural resources but also to provided valuable job training and career development. Many people are not aware of the many opportunities working with natural resources. Natural Resource Job Training and Small Business inclubator The project will include job training in the classroom and training on sites. Site for training will be identified based on topic of training. Include job training and Small Business inclubator The project will include job training in the classroom and training on sites. Site for training will be identified based on topic of training location of participants and relative to the topics. This community genden and faming states is the perfect location for a job training and small business incubator center. Not only communities, while rebuilding and growing the green industry along the MS Gulf Costa. The following programs would be implemented: Job training rongram. Trainers will provided a dististance in obtaining jobs in these areas of service on the training and certifications as a trained individual would be provided for each of these topics. Individuals participating will complete the whole training program. Trainers will provided assistance in obtaining jobs in these areas of service on the trained to develop training rongram. Trainers will provided assistance in obtaining jobs in these areas of service on the trained to develop training more will provided these service areas. 1.Birming-food, vegetable, first and herb production ablegretable growing and harvesting. & fut tree propagation)		Yes	No	Yes	v	es	Yes	No	Yes	Yes	5 323,000.00	****	

	Workforce Development	5855 10/25/2018	William Carey University College of Osteopathic	William Carey University is a private, non-profit university with an in-depth history in the State of Mississippi, dating back to 1892. William Carey University (William Carey) provides guality educational programs, which challenge the individual student to	Harrison	Yes	No	Yes	83	Yes	Yes	No	No	No	\$ 6	0,000,000.00	\$ -		
	Development		Medicine at Tradition	Lacz, invitant carbon University visual carbon carbon sectors and sectors and an anomalia sector carbon car															
				William Careykit*'s Tradition Campus, which opened in the fail of 2000, offers mayors in art, business administration, elementary education, health related professions, nursing, and psychology. The University has recently reached a significant milestone with its School of Pharanycity*'s completed construction and its inaugural class of 57 students admittance this past July, with the capacity of 132 students and the creation of 34 new Iui-time equivalent jobs. The School of Pharmacy offers a three-year accelerated Doctor of Pharmacy organism with an innovate curviculum tat provides students with the knowledge and skillset required to excel as an entry-level practitioner. William Careyki*'s School of Pharmacy is determined to make a difference in the lives of those workfer from health bisues such as distalese, obeity drug and tobacco addition and as datina.															
				In the spring of 2018, Southern Mississippi Planning and Development District commissioned Arduin, Laffer, and Moore Econometrics and The University of Southern Mississippi to study the economic impact of a future healthcare ecuter with the Tarlation Medica (Ut) at the nexus; this study was published as R&The Sociocommic impact of a Healthcare Research Custer at Tardition, Mississippi&ET Based on the proven theory that a duster of healthcare and bioscience facilities in proximity to another will accelerate innovation, this intelectual hub will be user as a catalyst for medical industry growth, residential development and serve as a primary destination for hospitals, universities, research institutions and health and life science companies. The economic impact study, the continued growth of William Carey and Traditoria Mission based around the success of other existing business and industry clusters at Lake Nona, Findia, and Research Triangle Park in North Carolina. Based on these findings, the continued growth of William Carey and Traditoria Wille the Mississippi Guif Casast a global destination for healthcare, research and medical education while creating an economic development and people Guif Casast a global destination for the region.															
	Workforce Development	5861 11/14/2018	Bilosi Career and Workforce Training	The Bloc Green and Workforce Training (IDK/T) program exhibed from an economic security grant funded by W. K. Kellogg Foundation and avarded through East Bloc Community Collaborative. Was encytenting funding the continue the Bloc Career and Workforce Training program which will include two escions. Spring 2013 and Fail 2013 to Bloch residents ages 18-50. East and Workforce Training program which will include two escions. Spring 2013 and Fail 2013 to Bloch residents ages 18-50. East and Workforce Training program which will include two escions. Spring 2013 and Fail 2013 to Bloch residents ages 18-50. East and Workforce Training program which will include two escions. Spring 2013 and Fail 2013 to Bloch residents ages 18-50. East techniques and credit reporting. ONK Singhist of Peter Classer, Council 25 provides a weekly electrical class which is held each Thurdspring for 10 weeks. The gap of the electrical training is to advance participants to Helper/Apprentice level. The electrical training is presented from XKK Singhist of Peter Classer. Classer 215 provides a weekly generic construction class. General construction Training Lioss is held each Strutday for 10 weeks. The gap of the general construction class. General construction training Lioss is held each Strutday for 10 weeks. The gap of the general construction class. General construction training Lioss is held each Strutday for 10 weeks store 300 drive general construction class. General construction training Lioss is held each Strutday for 10 weeks store 300 drive general construction class. General construction stills, Heng Teneral construction carriculum construsts or Construction math, Bueprint erading, basic construction skills, Heng Teneral construction carriculum construsts of CSM safety, construction math, Bueprint erading, basic construction skills, Heng Teneral construction carriculum construsts of CSM safety, construction math, Bueprint erading, basic construction skills, Heng Teneral construction carriculum construsts of CSM safety, construction	Harrison	Yes	No	No		Yes 1	Yes I	No I	No I	No	S	30,000.00	00000		
New	Workforce Development		Bioxi Upratem and Downstream Storm Water Education and Community Engaged Green Infrastructure	the storm drainage systems on the penisula have been or are being replaced, a situation that is positive as far as moving storm water. What is more, the construction work their has impacted the natural waterways due to increased situ running into the bayous from unpaced roads. The time for the Biolog penisula is right for a comprehensive commutiy-engaged stormwater management campaign that improves and creates both upstream and downstream green infrastructure. Upstream, the project will improve the quality and quantity of water that enters the storm drainage system with four related activities: 1 Bowinomact elevation on the Biolog Public School students 2 Bowinester education to the Biolog penisula 3 Dowinest, education to the Biolog Public School students 2 Bowinester education to relate and neighborhood scale green infrastructure projects. 2 Downstrem, the project will improve the storm water quality and quantity that enters the marine environment with two related activities: 1 Bestoration and improvements of natural waterways that connect storm drainage to the Back Bay, especially Keegan Bayou and Bayou Juguste, which have been impacted more to the progreen infrastructure projects. 2 Doordination and leveraging of ongoing and planet projects to bring green infrastructure projects install and marinati landscape areas Environmental elucation with Biolo Junoir High School Studets. For the past seen years GCCDS has developed and implemented education autores in the Gulford School Studets. There they steren years GCCDS has developed and implemented education autores in the Gulford School Studets. For the past seen years GCCDS has developed and implemented education autores in the Gulford School Studets. There the past seen years GCCDS has developed and implemented education aut	Harrison	Yes	Yes	Yes	60	Yes 1	Yes I	No f	No I	No		2,680,000.00			
New	Workforce Development	5946 11/25/2020	Gulf Casel ZST Tech Facian- Advanced Technology Training for the 21st Century	In the new Nillenia, the evolution of digital technologies has radically changed the way we her and work. This revolution has also changed the demands that citotase, businesses, and other organization share placed on the digital lockety. However, the Mississippi Guil Coast faces a server lack of well-rained IT workers. Guil Coast Tech Fusion will focus on developing an IT workforce for economic expansion, Innovation, and sociating growth. Tech Fusion will brough the the dual focus within the CSET building: (1) provide IT training and (2) provide flexible facilities to develop IT solutions for the development and implementation of regional business technology solutions. and industry. Guil Coast Tech Fusion will provide to Rudents requisite training in emerging technologies (e.g., Cybersecurity, Coding, Artificial Intelligence (A), Virtual Reality (VRI) Augemented Reality (A), and Simulator/Guide Design) that could marke to Guil Coast Intelligence (A). Virtual Reality (VRI) Augemented Reality, (A), and Simulator/Guide Design) that could marke to Guil Coast evolvers and evolvers and the solution of the could provide the technologies (e.g., Cybersecurity, Coding, Artificial Intelligence (A), Virtual Reality (VRI) Augemented Reality, (A), and Simulator/Guide Design) that could marke to Guil Coast evolvers and evolvers and the could provide support to companies to explore and develop trained, generation of taken to develop these technologies, and it would provide support to companies to explore and develop terming, Guil Coast Tech Fusion will be housed in the Center for Security and Emerging Technology (SET) & further leveraging a BP Reatore project (L, CetT). The CEST Houlding revolved partial funding in an earlier round of BP Reatore projects, on this poposal includes the request to fund the remainder of the CSI To building. Operating Tech Fusion in CSI will provide the Mississipi Guil Coast, and hetter miggins unceptered distaters in the future, Specific spaces within CSI Twill provide the Kinssi	Harrison	Yes	NO	No		Yes 1	Yes 1	NO Y	res I	No	S	7,000,000.00			

Research and	24 10/21/2013 Monitoring Population	The Mississippi diamondback terrapin (Malaclemys terrapin pileata) is an estuarine turtle that exclusively inhabits coastal bays	Hancock	Yes	No	No	No	No Ye	es <mark>No</mark>	No	\$ 3,000,000.00	ş -	
Education	Ecology of a critical Cossi Bioindicator, rothe Mississippi Diamondback Terrapin (Malactemys terrapin pileata)	al and stim markes along the Atlantic and Guilf of Mexico coasts. It is considered a keystone species that contributes to the maintenance of atla mark integrity. The reprins were once abundant throughout their range, however, howeldeg page setist regarding the viability of populations in many areas of the Guilf coast, including Missistipi. Numerous threats adversely affect terrapic populations including habitat loss, cab trap mortality, and nest predation. In addition to these current threats, pollution from the Deepwater Horizon oil spill degraded vital salt mark habitats in the northern Guilf of Mexico. Monitoring a long-lived species in a disturbed environment can provide insight into the extent of damage to the particular species and with its habitats and prev. Because the diamondback terrapic is a long-lived species and plays an important role in these estuarine habitats, it represents a critical bioindicator of the habit and integrity of salt mark becost, and the submidiation in Mississippi provide both collogical and economic gains to the state. For sciences, therefore, monitoring the status of a bioindicator of these important habitats will benefit the state. Long-term surveys of diamondback terrapins populations in Mississippi wale assessment of solton-rail long-term damage to this desting and an esting beaches. The surveys will continue to monitor the habit, neroductive success, and population ecology of the diamondback terrapins population ecology of the diamondback terrapins to that and dequate assessment of solton-rail obje-termage to this definiting species and its viral habitat and is marked. This project will be a collaborative partnership between the institute for Marine Mammal Studies and the university of Alabama at Birmingham.											
Research and Education	25 10/21/2013 Enhancement of IMMS Public Outrech and Education Programs	The events surrounding the Deepowter Horizon oil splil stressed the need for having a well-informed citizency regarding manne conservation and restroation. A key to this goal is to support deviacion and outcreach programs whole mission is to teach the public about the great natural resources of the cull of Mexico. The institute for Marine Mammal Studies &F. Center for Marine fucuation and Research (IMMS-CHRE) is a premier marine deviacion and conservation facility that offers a variety of educational programs designed to meet the academic and outreach needs of multiple audiences on educational topics including marine marminas, is surtices, fish biology, marine inverteabrats, instanced/endangered specie, insvise species, point and non-point pollution, marine habitats, and water quality. Our current devicational programs consist of: -Student camps that provide hands- on exploration of coastal wetlands, beech and barrier islands, binling, and fisheries, -Academic field trips designed to for familiaries students with the plants, animis, habitats, and processes of marine and aquatic environments tailored to the visiting age group. -College field courses that expose students with the plants, animis, habitats, and processes of marine and aquatic environments tailored to the visiting age group. -College field courses that expose students to tappiled marine science and marine marmmal and sea turtle rescue and rehabilitation. MMX seeks to continue and enhance current educational and outreach programs while actively engaging in development of new programs to educate the public. These include: - Ecotology to bio individe students to modern research techniques - Exhibitiles for community likevisias and events - Evolutie inhappilite for community likevisias and events investing in public education regarding marine conservation issues will contribute to ultimate goal of a restored and healthy Guir of Maeks for generations to come. IMX6 is committed to fostering a serie of appreciation and stewardship for the great coastal and	Harrison, e Jackson	Yes	No	No	Yes	NO NG	9 Yes	15 №	\$ 3,000,000.00		
Research and Education	103 11/12/2013 Southern Mississippi Applied Restantion Toolk (SMART): Coastal restoration universitäity assessment and prediction	Barrier Islands and manches serve as buffer zones and filters between the Guif Of Mexico and mainland human population (a centers and instructure, protecting these communities from the most devaluiting impacts of oil splits. Mississippi (MS) barriers and matches themselves are also some of the most popular tourist and recreational destinations along the Guif Coast. Turintermore, they support diverse mice, mice, and macaroland communities and provide a value frange of ecosystem services 0 Over historic time, the MS barrier kisands and manches are evolving rapidly primarily due to a combination of accelerated relative Coast. These forces are expected to have a continued values graved in the toroming decades lating the MS is closed to the coast. These forces are expected to have a continued values graved in mark the technical additional adverse effects sociated with these of these costal and without the technical additional adverse effects sociated with these of these costal and without the state of MS have been proposed to meet the RESTORE program gapals. For example, some of these costal environments. Numenous costal restoration orgics: In the state of MS have been proposed to meet the RESTORE program gapals. For example, some of these efforts and the oristore hydrology patterns, dure fields market, wgestation. Joharier is lands, and forestas covering IOAE** of thousands of acres. These will truly be large efforts, and hydrol Austra taurine environments. detailed understanding of the balance between endiment supply, sael-wel changes, and human enapskt is of crucial importance. Without his, many of the projects could potentially see thork-fuel success. This information could thus be used to better plan their enstoration efforts, and make them more successful in the long-term, in addition to understanding current and future vulnenbality.	a	Yes	No	No	No	Ye	rs No	No	\$ 4,905,000.00	ş -	
Research and Education	1157 9/26/2011 Bayou Auguste Ervironmental Enhancement and Wetlands Project	(ORIGINAL IDI1193) Bayou Auguste Environmental Enhancement Project is designed to protect and enhance Bayou Auguste. In the altermath of the oil sayli. BP affirmatively acted to protect this delicate area from harm therefore both parties have recognized the environmental importance of this body of water. The goal of the project is conservation and restoration of the waterway to it natural function as a titally influenced water body. A secondary benefit is enhancement of public avareness of the Bayou a environmental importance or this body of water. The goal of the project is conservation and restoration of the bayou area of the Bayou a environmental importance or water and the Bayou Auguste. The Bayou a environmental importance water body. A secondary benefit is enhancement of public avareness of biolar abules Econserve and restore Bayou Auguste to its natural functions and restore Bayou Auguste. The goal of this work is to conserve and restore Bayou Auguste to its natural functions and public access. This project will include removal of proper sectoring the bayou's effectiveness as a natural fitteration system for starbay and buy but also in Back Bay will be improved by restoring the bayou's effectiveness as a natural fitteration system for starbarwater body, and to enhance public access. This Bayou Engine month end of Bayou's we Bridge and re spating of the Bayou Jawa to its will include removal of fraper along the banks. The total increases the sharbar to the consequence of the spating month restoring will be increased and public access. This spotent will include removal of fraper along the banks. This will improve the natural cocsystem and provide for improved formwater running removal month equating months restoring will be noted will be host the removal of fraper along the bayou. Auguste constraint and will be installed along both the North and South Sides of the bayou to provide safe public access. The public access the public access to be applic access to be public access the public access the public ac	n t	Yes	No	NO	Yes	No Ye	15 Νο	No	\$ 685,000.00	\$ -	

Research and Education	1159 6/9/201 1159 1150 7/8/201	Ocean Expo Learning Center - A World Class Aquarium	(DRGNAL IDBIDIDI) The Institute or Marine Mammal Studies will construct a 175,000 square foot Ocean Expo Aquarium Complex on 11.5 acres at the southwest quadrant of the interaction of interstate 10 and interstate 3.10 in OTbeville, Marine Complex on 11.5 acres at the southwest quadrant of the interaction of interstate 10 and interstate 3.10 in OTbeville, many doctation programs. These explosites on odphism and other markine marmuls, the bin in hew ild and to captionity, provide students and the general public with an opportunity to learn about nature and matne file, and combine elements of aquatic displays, presentations, and unique interactive exhibits that will make learning for the source and the providing recreation to apply of any device of the source of addition programs and the source of the source of the source of the source of the source of addition be area and increase tourism while providing educational and interactive learning experiences. The institute of Marine Educe Coannamias in the will and under human cance. The Center for Marine Education and Research forwides a place for IMMS to fulfill IS mission and share IS work with the public. The IMMS is a stranding network strandarg and rehabilitation expression. The City of Otherville has partnered with <i>Dr. Moult Solargi's Coanna Exploring</i> to the source of the source hubble coannamias in the will allow and with which public charaction and perice, in his partnership, the Chy Amber presented with <i>Dr. Moult Solargi's Coanna Exploring</i> to the source of the action and coanners source source with partnership. The theory of the provides is a stranding and explored with the solargi source theorem the interaction and provides a place for the City. The formation SSO00000 from For had source the source the improvements. The City has the City. The formation source source of the source theorem and environment in the City and the source and environmental stewar	Harrison	Yes	No	No	Yes	No	No Ye	s Vi	fes		00.00 #######			
Education			Education center to help bulld out this one of a -kind coast attraction. This project will replace the landmark Marine Life Oceanarium, which was one of the most popular family attractions on the Mississippi Guif Coast prior to Katrina. Funds will be used to provide infrastructure support such as a salt water pipeline, additional land, roadways, parking, and enhancement of exhibits \$10.0-M. This project is consistent with at least four (4) of the eight (8) eligible requirements of the Restore Act and GocCoast 2020. S 100-M														
Research and Education	1176 9/26/201	USM Marine Education Center at Cedar Point	(ORIGINAL ID#11197) This project consists of a University of Southern Mississippi Marine Education Center at Cedar Point (\$2 million; complete building, walking trail to Davis Bayou on Cedar Point).	Jackson	Yes	No	No	Yes	No	No Ye	s N	NO	\$ 2,000,0	00.00 \$ -			
Research and Education	1198 8/25/201	The Development of The Advanced Real Time GNSS and Physical Atmosphere and Ocean Observing System within the Gulf of Mesico FishSmart: Building	IDRIGINAL DIPS23) The Development of The Advanced Real Time CHSS and Physical Atmosphere and Ocean Observing System within the Guid To Mexico Conra Blucker Institute Go Svarving and Science Tecas AkamyA University Organs Christi & amp; University Corporation for Atmospheric Research Boulder, CO Bamp; Center for Space Research University of Texas at Auttin University Corporation for Atmospheric Research Boulder, CO Bamp; Center for Space Research University of Texas at Auttin University Corporation for Atmospheric Research Boulder, CO Bamp; Center for Space Research University of Texas at Auttin University Corporation for Atmospheric Research Boulder, CO Bamp; Center for Space Research University of Texas at Auttin Statumentation Caluters is poposed for the Guid I Nelsco. The primary Instrument of each Culters of an Other Caluation Statelline System (CRSS) receiver. Distances from this network will promote research on ocean- oncelline. Each Other Logics was given by Bip pority in a cerear survey of the and pass integro portating in the Guil I. Its anticipated that equipment can be deployed on both fixed and floating patforms. significantly improving the observational adjustice of the reconstruous positioning of onebie instrumentation on Stroke and Rev centimeters. The precision of this measurement can be used for continuous monitoring of seas surface height, Idea, and wave motion. The addition of both temperature themperature Strokes and underwater accussit Instrumentation provides a link to seas artiface temperatures and cean bathymethy. These same analysis techniques are able to measure the delay of CRSS signals as they pass through the surface temperatures and the Biern Heat in the sims of the Despace fortion on Shore participant. The addition of both this hand fishore environment are difficult to toleter circle alphysical data to enhance our knowledge of the atmosphere of this calif of Mexico. Figure 1: Proposed CRSS network. In califord the Mexico Network is a surface the appending the the simulterest of th	Hancock, Harrison, Jackson	Yés	No	No	No	No	No NG	> N		5 16,000.0	00.00 \$			
Research and Education	10 10 10 10 10 10	Frankritt suitering sustainability outper snapper and Grouper Associated Industry in the Guilf of Mexico	Unbrown Coar 1.8.29 Joshinoldin: The Deepkeet motion to spin stoppating impacted recreation in an interview and the spin of the Gardin Alexa Response to a selectionaire following the spill indicated than ensity all surveed following experiment receivers requesting to the spin of th	Harrison, Jackson	TB	ND	ND	TES		RO R	, 1	6	5 20000	Juud 3 -			
Research and Education	1206 4/25/201		(DRIGNAL IDPIJGB0) A combination of increased operating expenses and reduced exvessel prices for catch his created a perfect storm of economic hardship in the Gulf Shring Prister. The fishing industry has worked to reduce casts of operation, but unfortunately, few new serveues for this exist. One major cast to the shring industry is fuel and there are potential assumes to reduce fuel consumption about vessels. One of these is improved inpolents and noziste for propulsion. A recent collaborative evaluation about one vessel by Teasa A&M Sea Grant researchers and a shring company showed that fuel consumption was reduced by approximately 25% when regularing a transitional fallop inopeller with Market Sea (Sea Transitional Sea Consumption was also consumption was falled as indiana study performed in Astex Sea Propeller and match Speed Nozzle. These results closely resembles that of a similar study performed in Astex Sea (Sea Transitional Sea Consumption was also and propeller with the safe sea of propeller design without modification of the propeller nozzle. The scope of this project will involve regging out several collaborating weeks throug divides study showed a 52 (Sea Consumption was also provide significant study performed in Astex Sea (Sea Transitional Sea Consumption was also and propeller with the safe of the propeller nozzle. These results closely resembles that of one S200,000 per year, demonstrations with thin ever technology could endowed significant sungs to the individer and constraints of one variable share to endowed for a straint fall and the study and constraints on unativity galant endowed for endowed significant study theorem technology could provide significant sungs to the individer and constraints of one variable's galant to reduce for incomption. The results of this project will be shared with the fishing industry throughout the Gulf through printed reports, local workshops, and through direct contact with industry.	Hancock, Harrison, Jackson	Yes	Yes	Νο	No	Ao	NO NO	γ Ν	¥0	\$ 750,0	00.00 \$ -			

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Research and Education	1207 4/25/2012	Development and Distribution of Gear Technology to Improve Provide Company and Reduce Bycatch in the Gulf Shrimp Frahery	(DRIGNAL DRI15/27) The offshore shring tradi fishery accounts for a significant portion of landings in the Guil of Mexico. Due to anultitude or enersitis (e. hurrinaes, a) splin, imports). If the fishery has ease a substantial decline linking effort while operating costs have continuously rise. With increasing fuel prices, fuel saving technologies are a logical avenue to assist in educing operating expenses. A pauvir of information easies that documenting the effect of gent exchonologies on fuel consumption. Cambered travel doors are currently being utilized by some fishermen in the subtheastern lunded States. These travel doors have vehicle digenters and use that the southeaster have losses at the southeast. But unit recently have not received much attention in the southeast minim fishery. Scaluations of these doors have vehicled promising potential to recisice line consumption. In the shring fishery. Several door southeast the southeast. Reducing incidential by catch has been shown to improve catch quality and reductor nemans high priority issue in the southeast. Reducing incidential by catch has been shown to improve catch quality and reductor field for southeast of based door gar technology within the southeast similar di documenting the fuel assing. 20-25 Mixing actual filling conditions. Advisor theorem and head sing at a southeast to increase the acceptance and use of these gens. Through years of experience, we have fourd that informal meetings are an quiralinal form for finamation. providing less volatility from inductiva and lawing for a effective co-one acchange of ideas. As such, we will covere a series of informal meetings throughout the southeast to increase the doce part echnology is not have southally the southeast to while a minimum of headers. Commercial fasherem will become actively involved in BRD research and development and will be more accepting of those devices tested.	Hancock, Harrison, Jackson	Yes	Yes	NO	NO	NO	res	NO	NO	\$ 1,500,000.00	5 -	
Reserve and Education	1208 6/22/2011	Saving the Gulf Coast one bale at a time.	our process is a larger scale version of wheil is being used in construction areas along our maddles throughout the United Statis. Small square by balas are used in construction airlies to prevent soll method. Our process uses larger 4 X 5' round balas of hay that weigh approximately 800-1000 bis each, to form a barrier along shorelines and match edges that are in need of protection form ensites werve energy. The barriers all work/orgs addiment and weights are more diffectively by raising the height level for natural absorption. The bales act as a natural sponge that allows the wester to height or out as a mentioned, small square balas. Using a larger cound bala as a fast soft naturality constitutions that west or height or out as mentioned, small square balas. Using a larger cound bala is a completely new approach that has never been applied. Soft barriers will be placed along the shoreline in need of protection from erosive wave energy. When the wave sapproach the shore, the height level for antural absorption. The bales act as a natural sponge that absorb the water to height or out and some the height level term and the set of sponse setting to simulative weight and provide shore and some, the height level setting a larger cound bale is a completely new approach that has never been applied. Soft barriers will be placed along the shoreline in need of protection from erosive wave energy. When the wase approach the shore, the height level setting and the setting statis statis weight and synoth. Consider the size and weight of the hay bales that are used to build the barriers. There is a double row of balaes 5 long. This becomes a 80,000 lb. wall, 50 long by 10' wide by 5' lail. Immediately, the hay begins to also balaes 50 long. This becomes a 80,000 lb. wall, 50 long by 10' wide by 5' lail. Therefullers the size the tar and site and weight even more, the setting which you have its and new level, the hay begins to also balaes 5 long. This becomes a 80,000 lb. wall, 50 long by 10' wide by 5' lail. Therefullers t	Hancock, Harrison, Jackson	Yes	No	No	No	No	Yes	No	No	\$ 250,000.00	\$ -	
Research and Education		Emergence, persistence, dynamics, and consequences of White Spot Syndrome Virus in a salt marsh edge crustacean community after the DWH event	[CIRCIANL DB12229] This project seeks to elucidate the causes and consequences of the emergence and persistence of the non- indigenous white soci syndrome virus (MSV) in a community of 8 decapod crutaceans in saft anaxis deg habitat in the northern Gulf of Mexico (MSGM) following the DWH event. WSSV is a severe pathogen of saft mash crutateans, including fidder crubs, most cause, pass string, blue crubs, and penetic and shring. WSSV has increased in pervaluances since the DWH event and the consequences for the saft mash crutatean community are significant. WSSV emergence in the MS saft mash community parallels the emergence of trify virus in a Pacific Herring following the Exon Valdez event in Prince William Sound. The project will use a combined field, population genetic, molecular phylogeographic, experimental, and modeling approach to address hypotheses concerning the emergence, persistence, dynamics, prevalence, and consequences of WSSV in the community.	Hancock, Harrison, Jackson	Yes	No	Νο	No	No	No	No	No	\$ 4,000,000.00		
Research and Education		GCRL: Maine Education Center	of a 520 million state-of-the-art Marine Education Center on the University's Cedar Point Teaching Stie In Jackson County, Mississipie Before the loss of 18.1.1-Sect Marine Education Center during Hurricane Eartian, the Guid Coast Research Laboratory established a long and rich history of providing quality marine education to students, visitors and coastal residents of alges, Building upon these traditions, this proposed new replacement marine education to students, wisitors and coastal residents of alges. Building upon these traditions, this proposed new replacement marine education and outcents cherert will be the model for connecting people to the Guid of Mexico, its resources and attributes while providing an understanding of how they market our cality lives. The proposed GeV. Marine Education Center will Indued 5000 space feed to live animal enhibits, hands- on activities, classrooms and laboratories into its ongoing education programs. The Cedar Point location will provide extensive opportunities for outcoor environmental education and recreation The Center is a professional learning community whose programs reflect current coastial science research conducted within the Guid of Mexico. The Center provides an understanding of both ther oeth be Guid of Mexico plays to and science based understanding of the fundamental issues of ecosystem health; resiliency and restoration will allow us to develop publicies and frameworks necessary efforts. Tince the beginning of the Deepwater horizon oil spill residents living along the Guid of Mexico pass to Beapwater Horizon spill recovery efforts. Since the beginning of the Deepwater environ oil spill residents living along the Guid of Mexico pass to Beapwater Horizon oil spill residents living along the Guid of Mexico coasting, as well as the environmental lasses surrounding the wet event, the dynamics of the Guid of Mexico's coasters and the lempats tupo our coastat population is a sking in deptit, clarity and relevance. In order for the public sub tourderstanding buil	I Jackson	Yes	No	No	No	No.	NG		No	5 18,500,000.00		
Research and Education	1255 12/3/2013	Gulf Observing Aerial Program	A diverse constellation of ainships, ainplanes, and UAVs should be put in place to provide long endurance observation of the digit. The primary purpose of the earling file will be to closely winnotic the diffusion editing community to immediately detect any oil splits, washed ashore oil deposits, or environmental damage to sea life, coastal marshes, etc. Additional functions of the airai dosening system would include maintaining cellular communications service during and after Humicanes. Inhelping find diable basis, tracking contraband vestels and arghanes, and other functions/capabilities of benefit to the public. MAC and operate from the Stemis International Airport, in Hancock County, Mississippi. MAC is proposing a "Mississippi Centric" team that will include the Mississippi Divisions of Lockheed Martin, Stark Aerospace, Northorg Grumman, Aurona Aerospace, thosison, Optich, and dness. MAC will praper the overall fina, have constructed one of the work's lagets hanges, procure the necessary aerial platforms and ground support equipment, and operate the system for the first seven years, at which time the MDEQ will call for proposis for an operational contractor for the second seven year period.	Hancock, Harrison, Jackson	Yes	Νο	No	No	Yes	No	Yes	Yes	*****	\$ -	

Research and 125 Education	Expansion/Renovation Plan and outreach pr classes, recreate Guisses, recreate Gui Coast YMC Mississippi Cui health and com In order to have renovation of the be able to offer health and coil Guisses prevent employees thm	orgams. The 7,000- members between our two branches have access to fitness equipment, group exercise and and fitness activities in the pool, child works, social and family activities, welleness programs, and ocroporate meffst. We are able to extend our reach to promote healthy communities through our after-school programs, endersche cable down and and and and and and and and and an	Jackson	Yes No) No	Yes	Yes	No Yes	No	\$-	\$ -	
	special events. In the 2017 Court ranked 8th and youth programs Improving the Ic A new facility in cluding all 7 c Increasing away that also brings Improve physics	's land and water-based fitness classes, reduced grogramming fees and other family-oriented activities and nty Health Rankings, Harrison County is ranked 24th while neighboring countes, lackson and Hancock, are dis negateively. A local MMCA provides access to exarcice oportunities, chonic disease prevention programs, and social opportunities &f' all areas that can improve the overall social and physical health of residents thus, all bealth analysis, serve Guliport and Harrison County but will impact the quality of life in all surrounding areas static dourise in over service area. Hange and additional facility can increase the mumber of these programs by eness of the programs to individuals, schools, and employers. Guliport is a centrally located area along the coast coastal a resident show any relies there to the area for work. These outreach programs include programs to and social health as well as youth development.										
Research and 126 Education	Promote Natural Resource MMINS propose Stewardship and Include formal include formal include formal include formal and education and education and education 2. Touch Steward 2. Touch Steward 1. Steward 1. Touch Steward 1. Touch Steward 1. Touch Steward 1. The museum's failed 1. The		n/a Y	Yes No) NG	No	NO	Vo Yes	Ko	\$ 208,019.00	Ş -	
Research and 127 Education	Provide a mean and wounded w -New and existi warriors. To enable Diab	bout it, they can do it!" s for all people to enjoy inlet waterways and adapt multi-use facility to accommodate mobility impaired citizens arriors. mg multi-use facilities need to be built or added to for accommodating mobility impaired citizens and wounded litty Community options enhancements of family Orientated Recreational Activities /Educational/Stewardship ages or even physically unconditioned Elzens	Hancock, Y Harrison, Jackson	Yes No	o No	Yes	Yes	NO Yes	Yes	\$ -	\$ -	
Research and 127 Education	7 12/16/2013 Comprehensive Eighty five perc populations of the populations of the threatened Guif stargers descriptions de	em of all surgeon species on Exh are at risk of entirction, placing them on the International Union for the Nature Red Lid of Treatments Species (horonymous 302), Obversioning and population declines due to human g., dars), how water stills and clastrophies (i.e., Hurracen Katrina, Deeppater Horizon oil spill (DWH)) are her crevery of Strangton, many of which do not spann annually and can he to be Log Duesso Lid. It was evident here was a lack of existing data regionally on a number of important ecological patterns of all tase which would managers, NGC, and MDRA to assess any potential damage to the environment from the largest accidental oil Vlord et al. 2014). Id pattern and enhance three existing acoustic array projects that are currently funded to study the western Scate (horder) and MDRA to assess any potential damage to the environment from the largest accidental oil Vlord et al. 2014). Id pattern movement and regional occupancy. 23 John term, high resolution movement and occupancy in Johne cologiv vis talculota have estimating projects John term, high resolution movement and occupancy in the orongolas and Patter Busical Busical Action and anifalli. Imprehensive assessment of the western exposition will allow scientists and managers needed information on d termorolical variables (wird and surface current speed and direction and rainfall). Imprehensive assessment of the western exposition in water will solve to any state and federal linguist scient and denagers. These data set will allow scientists and managers needed information on d temporal cales over which to deficiency PM nanager species in light of probable restoration activities due to DWH RESTORE/NFW/MSDEG/MSDMR or other venues.	Hancock, Harrison, Jackson	Yes No	D No	No	No ·	(es No	No	\$ 4,230,000.00	\$ -	

Research and Education	MAMMALS IN THE MISSISSEPP SOLUDA AND ADJACENT COASTAL WATERS - Research, Education and Gutreach Program	Costal marine mammals are at higher risk of being adversely impacted by the intense human activities in these regions. Lack of basic knowledge about marine mammal (MM) populations in the MS Sound and adjacent waters precludes contervation of these protected species and hinders the ability of natural resource managers to asses the impact of human-related activities such as the Deepwater Horizon oil spill. In the Guil of Mexico24 ⁺⁺ S (GMM) estuaries and costal waters, including the Mississippi sound, the bottimes odphini (BD) the mesic common maine marinal species. As a main teopretation, BDS are grown to accumulating toxic compounds? For example by comsuming contaminated previde* under the transformed to their of sping value which a diverse details. (BD) is able to the use grome indicators of marine cosystem health (NB) estat al. 2004). This year, an Unusual Moriality Feret (UME) of BDs on the East cost was linked to an episotic case of montilinius. The largest MDE declared in LD. Statory is on graping in the GOM, encounses of this UME have not been identified. The DWN oil gail and the UME significantly rateed awareness about the inadequary of Guil-wide baseline knowledge for estuarine and costal BD populations and how linking the MSS sound stock, because of their UME have DDB value (MDE 2013). This is particularly problematic for these BD stocks, including the MS Sound stock, because of their UME have (2013). This is particularly problematic for these BD stocks, including the MS Sound stock, because of their MS haved by the Marine Ammanal Protection Act, Is in part due to the duanting number of management units defined for the conservation of BD population for 2007, the official stock estimate is still considered uninown (Varing et al. 2013) for management purpose bacause the study and in a thing with the geographic bounders of the MS Sound stock the MS stand stock without linkits with the MS store actions to the uning with the geographic bounders of the MS Sound stock that the thermiting ande	Jackson	Yes	No	No	No	NO Y	es No	No	\$ 5,000,083.00	Ş -	
Research and Education	Program: Addressing Data Needs for Neigonal Manager and Acsessing Reef Figh Ecosystem Function	The net mapper, Lighanic campachanus, is the most accononically important reef fish appears in the Gulf of Maxics (GOM), supporting major commercial and recreational fisheries in the Hee Gulf states. The GoX has, however, been overflahed since the 1980e, prompting the Gulf of Maxics Fisher V Amagement Council to adopt the Reef Fish Management Fisin in 1984 to institute catch limits and sessional closures on the fisher A, subsequent rebuilting plan was approved in 2020 with the goal of recovery of the red snapper stock by 2032. Despite these efforts, a combination of increased directed effort, repeated quota overages and uncertainty about dost dost tash has resulted in more restrictive management messures. For instance, the recreational red snapper sission in the GOM has been incrementally reduced from a year-round season (1856 days) plor to 1937 to 01y 23 days is 202. Over the same time periodin, the size limit has been incrementally reduced from a year-round season (1856 days) plor to 1937 apper has become quite controversiol.	Hancock, Harrison, Jackson	Yes	No	No	No	NO Y	es No	No	\$ 14,600,544.00	\$ -	
Research and Education	coastal marine ecosystems	The problem SBM markh and cyster reef habitats support complex communities of plants and animals, that are the foundation for coastal ecosystem services. Among the more important services are nutrient removal, storm surge protection, and nurning commercially and recentionally important species. Unfortunately, sait markhes and oxyster rest are sumong the most 'unlerable and declining of habitats. Climate change and natural events such as hurricanes and oxyster rest are sumong the most 'unlerable bepwater horizon oil gill are contributing to the decline of these biological communities, planotic of infectious diseases that merge as a result of such natural and anthropogenic disturbances supperss or remove species from the communities and affect the health of plant and animal communities thus compromising recovery and functioning of the coastal ecosystem. The solution The solution The results the discoption to sait marches and oxyster reefs from peripoticitos of infectious diseases following the Deepwater Horizon oil supit the propose an nutlifected program to address important nonindigenous and indigenous pathogens, determine the roles and consequences they have for recovery and restoration of Mississippi sait marsh and oxyster reef communities, and the infection and transmission dynamics of these emerging infectious diseases (ID). The proposed program will provide the ability to evaluate the consequences of outbracks, assets the likelihood of emergence of costat al diseases, and provide effective management strategies for resource managens, conservationists, and public health officials.	Hancock, Harrison, Jackson	Yes	No	No	No	1	es No	No	\$ 7,941,630.00	ş -	
Research and Education	management strategies for restoring carbonate- dependent habitats such as oyster restin is stauaries and the near shore of Mississippi	Optiest and oyster habitat are among the nearshore and estuarine habitats most susceptible to the vagaries of man. The Deprevater horizon oil grill and its attentian hicklicity the opening of freshwater splways to limit oil incursion devastated the oyster population over much of the Louisiana coast east of the Mississippi River eastwal through Mississippi Sound. Even prior to the split regional investment in opering refer evitalization and restoration was significant every report post still, this will only increase. Oysters are the dominant mearshore producers of carbonate upon which their habitat and a range of valuable eosystem services depend. But, other carbonate producers in funders of horbot mabitats were much the estimation and nearshore region. Although time-honored practices are routinely used in reef restoration, rarely have they be migrously availated. In addition, little attention is given to the vasity larger in acreage soft-bottm habitats were much evidence suggests curioosis on fersilware divension, pollutari migacri and reasoure management. What has not been implemented is argorous and encompassing evaluation of carbonate management, comprehensive to the referal and adjacent they propose a survive that will directly an est stander of noraction management in which histostimes in and ebaad on scentific principles and in which project design results from gasi-orientia application, but rather to restore to ong-term sustainability the habitat (reef) listef. This challenge involves not just an improved application of present knowledge on syster engly and origin and a simplication of the basit barded in the store attention to scenate to exorter botong-term sustainability the habitat (reef) listef. This challenge involves not just as mignores a dominant habitat type (e.g., cyster) engly, and a an engloted by the proposed effort has braded inplication. Corbonate is at the neas of the human and natural word in our estantes and lagoons. Most commercial species are carbonate-graduing organisms (e.g., cyster	Hancock, Harrison, Jackson	Yes	Yes	No	No	NO Y	es No	No	\$ 4,900,000.00	\$ -	

				T					_						
Research and Education		Developing a novel finemework to evaluate structure and function of costal wetland restoration in a spatial-temporal context using costal preserves as reference sites	In light of damages to sait markn resources following the Dwt oi spill, it's anticipated that substantial efforts will be focused or restoring all markh blatts within the northem Sulf of Mocking Group. In order to track the recovery of ecosystem services and function of restored sait markles, USMAE''s GCU Costal Ecosystem Sorup (ZC) and MSU Costal Research and Eclerion Center propose to conduct integrated assessments of the functional equivalency of restored and reference sait marks habitat st various levels of trophic and bandscape organization. The proposed project will assess the functional equivalency of restored and morphic marks assess dusing stable tool on the MSD equivation of restored and reference sait marks preserves using an integrated approach involving primary production, bettinis econdary production, neticon abundance, mark bit communities, and utopicin lingles are assess dusing stable toolse pankings (SL). These tophic levels are important in understanding production and use of all marsh habitat as a nursery and the rele restoration has in restoring these functions. Avelongment of the better understanding of all marsh hubitat. We will develog standardized to constrained preservation, and enhancement of emergent sait marsh. National The proposed project will address jours and related to constrained preservation, and enhancement of emergent sait marsh hubitat. We will develog standardized upuntitative assessment metrics SECICIC ACTIVIESI: Likuling A Geodatabase using GIS by compiling permits from previous coastal marsh restoration no the geographic location of restored cale saft marsh hubitat in a different ergeniemention. Suit ad adtabase desine out correlation gradeents required to assess atilt marsh related and the MSDMR. This database will provide information on the geographic location of restored cale saft marsh testoration collised in the guard basis paper and gradeents required to assess atilt mark restoration collised in the guarduatabase will be unoted to choose ange of assess (13 Sey and	Harrison, Jackson			NO						\$ 8,000,000.00		
Research and Education	1283 12/17/2013	Whale Sharks in the Gulf of Mexic: Conservation Research in the Affermath of the Deepwater Horizon Oil Spill	Although the whale shark is the largest fish in the occan, very little is known about its biology and ecology. Prior to the Dependet Prioriton os Igill (DWH) in 2010, we, researches at the University of Southern Missispipel ²⁷ cs. Giff Cast Research Laborator (USM GCRL), were pixel beginning to uncover some of the facts surrounding the occurrence of whale sharks in the nothern Guil of Media GGMU. The analysis of eported whale shark sighting in the northern GGM and guilts (GGMU. The analyses), and Louisiana, most notably south of Mississpipel ²⁷ cast and the ecologies of the starks systing in the northern GGM is discussed in the morthern GGM is discussed by highly solution and the sharks likely of the Mississpipel ²⁷ cast and the shark site of the solution and the sharks likely of the solution of the solution and the sharks likely of the Mississpipel and Laborator (Mississpipel and Laborator (Mississpipel GHE Mississpipel 2003 to 200 seve evolved by of BigHI releatory mays. The cast and surres: conducted by the Natonal Oceanographic and Amorpheric Administration in une of 2000. (scientists photographed multigle whale sharks swimming in heavily olde startice waters (Nigrer 3). Whale sharks are filter feeders, and their methodology of feeding involves sharks werthing in older waters could be paramet makes are filter feeders, and their methodology of feeding involves shares. There if the old and diverse the direct to all and starke set of all and succeeded to all and starke set of the direct of starts werthing in older waters could be paramet makes and the solution in the release of the old starts werthing in the water columns. Banks in greenal, and there methodology of tealing involves shares. There if the old and diverse the direct of the direc		Yes	No	No	No	No 1	NO NG	2	No	\$ 12,775,119.00	ş -	
Research and Education	1284 12/17/2013	K-12 Environmental Education Field Program	The CHOC proposes to develop and implement an environmental education gragram for K-12 students in Harcock, Harricon an Jackson countes. The program will provide high quality, curriculum-based field experiences for 15,000 students each year. Partner organizations will provide science based hands-on field experiences to that students can learn about the critical habitat and environmental processs necessary to maintain the health of the Guir of Mexico. CMOG is a partnerhol of Guir Island Stations Guir Guard Steeperch Lab, Paccagoula River Audubon Center, Iand Tutar for the MS Costail Plain, Grand Bay NERR, MS Guil Coast Community College Estaurine Education Center, and the MS Sandhill Canne Refuge. The proposed environmental education field education program will provide field experiences for every student in the three costail counties at three different gade levels. The program will provide field experiences for every student in the three costail counties at three different gade levels. The program will include classroom activities, curriculum-based field experiences, and follow up activities. Stewardship concepts and service opportunities will be embedded in the curriculum as well. Each student will experience and study a variety of critical habitats during their K-12 school years. These habitats include: pine swannah, maritime forest, bayou and riverine habitat, maxin, marine environments, and the barrier Islands.	1 Hancock, Harrison, Jackson s	Yes	No	No	No	No P	NO NG		No	5 800,000.00	\$ -	
Research and Education	1285 12/19/2013	Hiller Park Revaluance Gorden Educational/Restoration Project	The Missisgip Resistance Garden Foundation's (MRGT)hosticulture for Humanity (HdT) moment began as a winvannetal convery effort in the attermed h tructicas tartica. Curritisois in emporteing humanity through hosticulture. A L4 are stiller eAst Renaissance Garden (HRRG) site on Back Bay Biosi was leased from the city of Biosi in 2007. The huge cash trees, nearby stream, watermend humanita and trees and the Mission and Mission (Harden) through hosticulture. A L4 are stiller eAst Renaissance Garden (HRRG) site on Back Bay Biosi was leased from the city of Biosi in 2007. A future nature strail, organic gardening demonstrations, including worm composing and dip inrigation will support a community garden. HRRG has become the consenston of the MRGF efforts. Today, Hosti Alavolutere undersking strailises this entrally located botanical and eable demonstrations graden to support H4H educational goals. HRRG feature: Isolegal plants, trees, Robers and Instraindonal and asses promoting the costal MS landscape. It highlights plant such as food, environmental education, horticultural threaps and native, endangered and historical flora, as well as willdle habitas and natural waterway uses. A simal horticultural carter with an office, multipuose room, liorary, e-o ast exhibits, gift shop, est rooms and small catering titchen is planned for visitors of all ages and abilities to larm wise use and conservation of an undural resources and to plant, protect robated and resource laster-threatened environments. Requested functs for HRRG would be used for 1 professional assistance to design and construct a green horticultural center utilizing solar energy. 21an intripation system and lightings, and protective threat design environments. Requested functions for HRRG would be hostical used and ther sources to be trained and wilder caused by provide a based optations (HRRG for HAB Source) estimation and and ther descoares of there instructages, provide a based optation (HRRG for HAB Source) the HRRG assist the development		Yes	No	No	No	No Y	fes No	3	No	\$ 2,000,000.00	\$ -	

Research and	1584		Low-cost, Dim-range Oil Synal Sensor ad Synal- predictive Sensor Deployment	IDRIGINAL IDRI33) This project will estabilish a low-cost, reente of spread montoring system with the following features: - 01 sensor freigh: There is an ugent need for inexposite, we wather-robust of signi issnost that can witeksix report of data. Existing of split sensing technologies have the following drawback: () haccuracy: Infrared thermal sensing and ultrasoris two public annot accurately detect of aexistens and of lithkines levels because the temperature, weather, and water current can greatly change their readings; () High-cost: SAR imaging and laser fluorosensons use heavy, repensive, large-taize devices, and thus are not stateled to large ara momoting; (3) Rower interflexions; Although how writess sensors can use low-cost light array sensors to detect of lithkness, their chip designs have not emphasized low-power circuit liyout. More importantly, it doe not have long distance writes's transmission capability due to its use of common, low-sensitity and its corresponding sensors to chave long distance writes's transmission capability due to its use of common, low-sensitity and less sensors data sensing data transmission: The harsh eas conditions necessitate 10-km-transmitable oil sensors. Due to the large area monitoring of sea surface, the existing writes sensors cannot be used for domine and selp/watee sensors separate from each other for a distance of >100 netess (sen thosing) to to prove distance and y too neighboring sensors separate from each other for a distance of >100 netess (sen thosing) to to prove are and wate wite to link in the project, we will accurate using writes assing data. It can distance of >100 netess (sen thosing to to prove distance are a diseave to the link in the inglebors or 10-km away base statons are pre-deployed spondically on the sea surface. A sensor can communicate with the neighbors or to all we based on the analysis of the data from oil split sensors. Such a boundary estimation model can be used to guide the deployment of new sensors (ty (DRIGINAL IDP729) The Natural	Harrison, e Jackson	Yes	No	No	No	No	Yes	No	No	\$ 350,000.00	пинияни S -	
Education		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Spill Restoration Evaluation	a monitoring component so that the effectiveness of restoration measures can be evaluated. Given that BP is providing 51 balaci to establish a restoration projects before completion of a Deparater Horizon Restoration Pias, some of Haze fundi a should be and a pile restoration projects before a substantion pile a Deparater Horizon Restoration Pias, some of Haze fundi a should be and spill restoration pins in final. Refere a substantio pile was complete, the bestoration Pias, some of Haze fundi a should be pile standard for a substantion pile standard standard standard standard best funds in tracking tiping and recovery at the species level, as well as research and monitoring at the ecosystem scrices, generated Hoxugh tiping and would be managers maker segonsive management decisions. Whore this information, less effective restoration monitoring originary and recovery at the species level, as well as research and monitoring program. These restoration monitoring to program is needed to: 11 bealart the effectiveness of early restoration programs. The restoration measures, but encountering to provide the standard standard resources and explored and the restoration monitoring program restoration. Estimation are estimated to the public on the status of injured resources, but services and granters tower restoration. Estimation are valuation and monitoring program restoration scritisming areas to restrice than and units of program. The start restoration adapted as restoration needs that the Department of Interior (USFW), is in the best protorino OI Spill restoration adapted as restoration has restoration resultation and monitoring program. The specific hard administer a Deepwater informa OI Spill restoration evaluation and monitoring program. The specific hard and administer a Deepwater informa OI Spill restoration evaluation and monitoring program. The specific hard administer a Deepwater information of Still sectoration results and and has denied by a specific and by a specific and barefield bunders. S	Harrison,										Υ.	
Research and	1602	4/21/2011	integrate Approach to Wetland Damage Assessment, Vegetation Monitoring, and Restoration Tracking in the Guif of Mexico	IONGINAL IDIZ103 Problem Statement: Tidal wetlands bodering the Gulf of Mexico, including Federal wetlands in National Wildlife Bedge (Mrw) areas, are at risk of being impacted by the 01 that continues to wash abare. A Comprehensive and accurate determination of the impact over vast remote areas is not feasible with traditional survey methods. In order to alkently and implement the most cost of effective spullation necessary for menediation/restoration a mulfied, systematica approach using althorne remote sensing coupled with land based restoration technologies can be implemented to 1 efficiently identify the extent of magnetic termination of the effectively guide the remediation/restoration prime to most costs of provide a cultibrated measurement of the effectively guide the remediation/restoration prime for sover the long-term. Proposed combination of commercially available aerial remote sensing applications and innovative assessment and monitoring technique tak will provide program efficiency and cost effectiveness. The term will use a cultibrate the Guid cost using a provide a cultibrate wetlands, and allow for the prioritization, planning and performance of restoration monitoring. The first phase of the proposes to provide a coststert and scientific means for accurate and quarkative post-restanding methy of the cost and magnetic active terminate scientific means for accurate and quarkative post-restanding methy of plantia analysis of the arbonne data, guoundtruthing verification and validation of the wetlands will then be performed. Scientific wetlands are also allow allow allow allow allow allow for the cost and work wetlands, the science of any Guid cost NW wetlands, but of provide a cultication the science of science in may Guid cost NW wetlands and science from Restander by perspectral data collected from for the cost terming the wetlands. The use of hyperspectral magney for the discovery of hydrocabons in the wetlands has been costoration planning an even highed decade caccurup of the	n/a s	Yes	No	No	No	No	Yes	No	No	\$ 3,000,000.00	\$ -	
Renarch and	1608		GULE OF MEXICO INFOCEEM X00 SISTERES RESTORATION CONSORTIUM	DR60M4. IOB 1421) Problem: The Depender Informan OII Release (DWRI) guide devicemental and economic damage to behaviors in the northern Guid of Maxies. America must arguing novel and reference approaches to trainse both economic and environmental wellbeing of the affected fisherise. In addition, habitat destinction caused by hurricases and other man-made causes (over-fishing, erosion and solitis) have led to significant decrease in Guid fith population during the last decade. Solution Narine aquaculture of ker species can be employed to restore fisheries through restor/locg and to restore economic withing crucias (over-fishing transfer and Struttons in all five Guid States as well as other national and international institutions, public and private, with significant batchery technologies. Implementation Team: Guid of Naeco Istatcher and Institution - University of Fassi Advines devices and the significant batchery technologies. Implementation Consort Utility Consortative involving institute (UTMS) - Iousiana University of Southern Mississipal (GCR): lead institution) - University of Fassi Advines Science Institute (UTMS) - Iousiana University MGI Tester institutions are leaders in marine aquaculture and stock hadrones causes and institute (UTMS) - Iousiana University MGI Tester institutions are leaders in marine aquaculture and stock herbitacenet tracesarch, implementation, and technology transfer for the northern GOM. The consortium is built on estabilished relationships and will employ the highest quality science and economic approaches to simplement; and market the technology trams. Implementation Rem is the consortium in the solutilish devices tanged on time fast the technology to the economical and accologative in the consortium in the solutilish devices tanged on time models in presention and economical and accologative involves the Guid State states to minimate the science and accologative transfer include Red Drum, spotted Sea Toru, Red Snapper, White Shrinp, Bull Minnows, Croaker, tori		Yes	Yes	Νο	No	No	Yes	No	No	\$ 60,000,000.00	Ş -	

Research and Education Research and Education		A Gulf-wide multi-year research project to determine best practices for minimizing bardcaused fetcts on ref snapper following capture and release	(DRIGNAL IDPI.1840) Proposed Restoration Project: The project would clarify the effects of barotrauma on red snapper and better define expected rates of discard mortality in the Guil of Mexico. Additionally, the project will determine, through stacholder involvement, methods and devices best fit to increase post-tenese univorship of eff snapper in Guil fisheries. A detailed understanding of barotrauma and its effects on red snapper will inform efforts to help the recovery of his populations of the geographic range and spawning period of many reef fits species, including red snapper (Lutjanus campethanus). The eggs and larvae of red snapper and other finds pawning the time, in addition ta and infish, were exposed to petroleum hydrocarbons and chemical dispersants. Acute mortality of fith eggs and larvae and subtella effects on adult fith, over exposed to petroleum hydrocarbons and chemical dispersants. Acute mortality of fith eggs and larvae and subtella effects on adult fith ocud affect everations fitting expension petroleum devices and the state of \$11.5 million. The rescansases the full geographical, depth and tenne hydrocarbon subtella hydrocarbon and chemical laylies and mortality. Barotrauma is the conduiton that results when a fish is brought up from depth rapidly and the change in ambient pessares can cause petritially kells in theme hydrocarbon subtels have bene regional , and have not excompassed the full geographical, depth and temperature ranges in which the red snapper fishery is proaceuted . Increasing fight hypor release nortality of mapper and could deter recovery from DWH impacts. Overall, fishery managen Lake approprint and effect appeared include state inspectation. Mortality cause physicarbon not excluding of servithale physicarbon red snapper and could deter recovery from DWH impacts. Overall, fishery managen Lake takes on the post-telesse nortality of mapper end could deter recovery from DWH impacts. Overall, fishery managen Lake to nortality my idea creasianobal fisher by	n/a n/a	Yes Y Yes N	res N No N	No	No !	io Yes	NO 94		\$ 2,000,000.00 \$	-	
		Network response and science capacity	Inotion (DVM) oil disater. Units to Injuny: Sea turbles were exposed to petroleum hydrocathoran resulting from the Deepwater horizon oil disater and likely to chemetal dispersant surd adrung DWH response from April 2010 through February 2011. Another 2050 stranded sea turbles with or visible external signs of oiling were also peroded during this period. Animal autopsites revealed that the cause of death for a subset of non-visibly oiled sea turbles associated during this period. Animal autopsites revealed that the cause of death for a subset of non-visibly oiled sea turbles associated and state agencies, universites, non-govermental organizations to run on the ground operations and foot response. In some cases, TSSN participating entities receive limited or inconsistent institutional support and conduct STSSN activities using their own limited time and funding. However, they are often the first to respond to sea turbe transings, a key function in mainting the thistorical average. Stranded sea turbet strandings in the norther Gulf and support. In some cases, TSSN participating entities are used to a strange and a support. And any support the total strange and the same strange animatis, and could do more with dedicated funding to help support monitoring and response to strandings. Sing carcing and the same strange and the same strange in the instrance and the same strange in the norther Gulf and supported. 2000 Strange and the same of the same strange in the norther Gulf and supported. To the Network and the participating comparizations. Reheatling and instrained and the same of the same of the same of the same of the cosystem condition or function. The collection of biological information or the condition of animals that can not only help scientist understand the cause of lines or death animals circlical respond to same target stranget on responder strate or regional level such that they are in a better position to respond to strandings, maintize survival of recovered animals, and inderweal the consistency capac											
Research and Education		Preparedness, and Sustaining Fahing Communities in the Guif after the BP OI Spill	IDRGINAL (DB1397) In the wake of the interconnected cultural, scio-economic, and environmental effects of the BP OI Spall Coll fully communities are facing unprecedented shorts and dongs term childenes in sustaining their traditional lifeways. Our two years of ethnographic research investigating traditional cultural communities and properties in the Guil during the BP OI Spall and response efforts has demonstrated the intertiant and vulnerable cultural reliationships these communities have with their surrounding environments. This research also illustrated the need for more inclusivity of fishing community traditional collogical knowledge (TEO) in implementing innovative capacity building strategies and the development of effective conservation and sustainability plans. McGoodwiri (2001) has importantly pointed out that: Over the course of its development, should have been the human beings who cultice finites resources. All sources have instaal 'this conservation of important mainse bological species' (Fai) allocating fisheries resources and mainting the economic benefits from them. The altername of the BP OI Spall has particularly elocitated the need to emphasize and better understand the human spects of fishing community considerations in fishery conservation and management decision making, this proposed project teels to reliabilis capacity clinities and they intercline and management decision making this proposed project teels to development of community sustainability and management plans; [cl the crastion of fishers's. Methods 2 Principatory canning and Action (FAI) is a method that promotes community terrefores to and inclusion in fishers's. Methods 2 Principatory tarks and and the innovelope trade to particular contexts and situations and with the Principatory canning and Action (FAI) is a method that promotes community interfacing and provides avehicle for people to stare, discuss, and expand their howokeign entited to particular contexts and situations and will betered over their bowokeign of their bay	n/a	Yes ۸	NO N	No	No 1	D No	Nio 74	5	\$ 2,500.00 \$		
Research and Education	1639 6/17/2013		DIBIGINAL IDEI 2003) The Guil Coast of Mexico is one of the most important regions in North America for bird-watching and outdoor activities inter conservation along the Guil Coast of oprimary importance because it contributes to the conservation of natural resources but alon because it provides economic incentives to the coastal communities by increasing tourism, including bird-watchers and nature lowers to the region. Thus, maintaining healthy bird populations along the coast is important from an economic and ecological standpoint. Fail-eating birds are at the top of the food chain and often accumulate more contaminants than other species at lower tophic levels. American opstecratichers feed on birdwes which are also cosmed by humans. This study could be used to assess general ecosystem health and potential impacts of contaminants in bivalves on human health. This research regioned is and the species costal and the species costal weet that the species costal weet to all costs and the species of an indicator species. Costal weethand weet, securities, and shands along the cost of Mexico and costatiles at primary meeting and feeding gound for mary horts. Mexic and species and of Mexico cost accustitue a primary new steps and feeding gound for mary horts. Mexic and regulations, and files. Exposure to environmental contaminants in those species could have on mary aquatic hirds, relating along the dispection, precing, and induktion. To unknowledgu, up unit how, there has no these a complete assessment of the potential associated impacts on other species of concern, i.e. fish, shellfish, and humans.	n/a	Yes Y	fes N	Νο	No I	NO NO	NG N		5 4,800,000.00 f	***	

Research and Education	1640	6/17/2013	Conservation and evaluation of limiting factors for American Oystercatchers along the Guilf Coast	(ORGINAL IDPI.2004) The American Oystercatcher (Haematopus pallistus) is the most widely distributed of the four oystercatcher species found in the Western Hemisphere with a range stretching from the northern U.S. Attantic Coast to the tip of South America. The total appulation is estimated to be 21,000. American Oystercatchers are restricted to the narrow band of the coasta to entropy on their range where they feed mainy on oysters and other bivases. The trives to the in survival are many and include a low overall population site, low reproductive success, and delayed breeding (19, espanism), and of the coasta to methory business the range where they feed mainy on oysters and other bivases. The trives to the survival are many and include a low overall population site, low reproductive success, and delayed breeding (19, espanism), and even reptilin egg and chick predators and are also subject to overwash from high toles and tropical atome events. Chicks can even reptilin egg and chick predators and are also subject to overwash from high toles and to especial to the survival, and even reptilin egg and chick predators and are also subject to overwash from high toles. American Oystercatchers are species of high concern, It is a hatomic fibri down on human recreation is common and exacebates other natural threats. Sel levil rise is major threat by oysterachers previous. The U.S. Sherebild Conservation Prototy species. The major Class of precatichers are stress and wildlife downer study to fill information gaps on Glass oppounders. We have been along the high time event of Class oppounders. We have been and on the notice and stress of the high to the event of Class oppounders. We have been downed much from on owns far but there are stress of this in chick survival. The U.S. Sherebild conservation provides chick are stress from the state of Adamic subband by the stress. Our principle survival he to determing of home predato home website and there are stress opticarchers are stress of the intervation b	n/a	Yes	No	No	No	No	NO N	0	No	5 5,800,000	D0 \$ -		
Research and Education	1642	7/11/2013	Management Strategy Evaluation Model (MSE) to develop improved management strategies for fasheries and shellfisheries resources of Mississippi	(ORGINAL IDEI 2026) An MSE is a complex model designed to provide a vehicle to test, through numerical simulation, a ringe of management options and to evaluate the influence of those options on the target species (e.g., optior, red snapper), the filsery and the shore-based business community. An MSE contains a series of modules (a) a population distances making for the stock, (b) a metapopulation module describing recruitment dynamics, (c) a survey module, (d) a management module containing the assessment process and regulatory decision making process. (e) a module describing the telong process including vesse characteristics and following (f) and economic model describing the telong process including vesse to becoming more frequently implementative then callenges in form, for example, citizate charge or anthropagenic insult (e.g., of split) require re-valuation of management approaches and regulatory reform. Examples include into ageneral form adoptable for many applications. This MSE will be developed into a form usable for a range of this (e.g., ret species). In the account information the economic information on the economics of the basines sociology of the fishing enterprise will be obtained that will provide an important database to guide (Linter development of recreational fishing as part of a comprehensive approach to improving the toturism industry of coastal Mississipul.	Harrison	Yes	No	No	Yes	No	Yes N	o	No	\$ 2,500,000.	00 \$ -		
Research and Education	1643	7/11/2013	Economics and The Gulf Coastal States	(ORIGINAL IDI12028) The Objective is to have data that will capture the value of our Guif of Mexico States seafood to the Nation as a whole. Activities include the collection of economic data which will include mail out surveys, we mail surveys, benai surveys, benai surveys, benai with a mail our surveys we will collect economic data from the product harvested throughout the entire seafood supply data, but the also calculate the economic value to regional butinesses benefitting from Guif seafoot. The outcome is to have a social and economic survey that will help capture our value of the commercial seafood insurys the Nation as a whole. Presently this data does not exist. We do not have the necessary data for these type of multiplier to be include into our Economics. This will help us prove to our leaders in congress our economic and social value to the Nation.	n/a	Yes	Yes	No	No	No	NO N	o	No	\$ 5,000,000	00 \$ -		
Research and Education	1644	7/12/2013	Monitoring ecosystem health in northern Gulf of Mexico by assessing habitat biodiversity using parasites of fishes as indicators	DRIGMAL IDPI 2020) Practises are ubjuritious and abundant in any healthy ecosystem and abunet or rare in a distunded or scie environments backates they have completed life spcises with multiple stages, each engaging different free-linely hosts for completion. Consequently, parasite diversity and abundance in a habitat may be used as a provy for overall diversity. The opposed study uses fob parasites to investigate long-term mantenance of biodiversity in the northern Guil of Macico (EOM). Parasite assemblages of several important 15th opecies will be monitored and outreach will be fostered through education and training of undergraduate and graduate students. The parasite assemblages of the guil stilling (elucations galaction), and the Adamtic croaker, (costal species), will be assessed over a period of Syears and data on presence and abundance of parasite species will be compared with historical data from these hosts from of Mississey collected between 1070 and 2012. Additionally, Parasite assemblage data will be collected from costal and GOM pelagic filters (trans, mackereis), reef fiches (transpers, tinger filters) to dentify baselines and trends. They actively active course (Parasites a indicators of the Environment will be developed for USM, Department of Costal Sciences (Summer Field Program) which will rain students and expansion of established datasets indefinitely beyond the 5 year project deadline.	Jackson	Yes	No	No	No	No	Yes N	0	No	\$ 1,225,000.	200 S -		
Research and Education	1653	8/7/2013	Enhancement of IMMS Public Outreach and Education Programs	(ORIGINAL ID#12066) The events surrounding the Deepwater Horizon oil spill stressed the need for having a vell-informed citizenry regarding marine conservation and restoration. A key to this goal is to support education and outreach programs whole mission is to teach the public about the great natural resources of the Guid P Maiou. The Institute for Marine Mannial Studies 7 Center for Marine Education and Research (MMS-CMER) is a premier marine education and outreach programs educational topics including marine mammals, sea turles, fib biology, marine invertebrates, threatmed/endingered species, educational topics including marine mammals, sea turles, fib biology, marine invertebrates, threatmed/endingered species, - Studient cancel bar provide handro on exploration of catal wetlands, heards and barreris takingh, birding, and Otherkas, - Academs field vita designed to familiaries studiets with the plans, sinnals, habitats, and prances and aquasit - Studient cancel to the wisting and groups, - Tacade's Volkshop provide tachers with poportunities to expland their inovidege of coastal issues and provide a venue for teachers to earn continuing education units (EUSI) or college retil, and evelopiement of new programs, the ducate to bagiet and marine science and marine mammal and sea turle rescue and rehabilitation. IMMS seeks to continue and enhance current educational and outreach programs while actively engaging in rehabilitation. IMMS seeks to continue and enhance current educational and outreach programs while actively engaging in Cellor-Outreach exploiting to more densition to mode marine isolation densities on exervation issues will contribute to ultimate goal of a restored and habitry Guid O Mexico for generations to come. IMMS is committed to fakering a serve capabilites for community (testivalia and events investing in public education regraming marine conservation issues will contribute to ultimate goal of a restored and habitry Guid Of Mexico for generations to come. IMMS is committed to	Hancock, Harrison, Jackson	Yes	No	No	No	No	NO N	0	No	\$ 3,000,000.	00 \$ -		
Research and Education	1740	2/17/2014	Camp Wilkes Environmental Enhancement	Camp Wilkes, Inc., a 501c non-profit, is seeking funding for restoration and enhancement of its 89 acre waterfront site on the Back Bay of Biloxi for the dual purpose of conserving its natural resources and expanding tourism attractions on the Gulf Coast. Development of project plants is underway.	Harrison	Yes	No	No	Yes	No	Yes Y	es	Yes	\$ -	\$ -		

													 		_		
Research and Education	1741 6/1/2014 MS Guil Coast Environment Educational Collaborative	Casat Ecosystem Education and Training Collaborative (CETC) The OI Spill has further exacerbated the gap between disadwantaged minorities (African-Americans, Hispanic, Vietnamese and low income whites) and available education funding, job loss and access to marine vessels for education. The Mississippi Guil Coast Includes approximately 70 miles of coastline plus numerous bays, estuaries and navigable rivers. Net and under the development of the education of the education and the education in the education of the education and and the education an	Hancock, Harrison, Jackson						103				\$ 750,000.00				
Research and Education	Impacts: A Pilot Educational Program	The Marine Education Center (MEC) proposes to implement a pilot education program to inform local students about the effects of the 2010 Deepwater hirotoxin oi sill event. This program would take pilote during the academic year, and provide fiel trips for every 5th grade student in Jackson County (KM- 1,500) to the Gulf Coast Research Lab. Activities will include a 50- minute boat tour of the bavis. Bayou area aboard the Miss Deets JJ, which was passionate about the during the academic students about the sisters, Lucy Buffett and Laurie Buffett-McGuane, in honor of their mother who was passionate about education. The vessel's mane comes from Km. Buffe's inclusione. Peetsy B, The Buffett family, originally from Pascagoud, obtanet the hew States to help educate students about their coastal environment, and utimately create a more informed dittemy to protect and maintain ou coal marine habitats. During the Dux's Bayou tour, students will earn back as the mark in costystem, and the potential connection of sait manches and estuaries to other ocean habitats, the importance of the students about the potential regarding oil spill impacts and how these might differ in shallow and deep water habitats. Participating teachers will be provide the Mississippi Science Framework, National Next Generation Science Standurdy, and the Common Core Curriculum.	d s d	Yes	No	No	No	No	No	Νο		No	\$ 102,800.00	Ş - Curriculun	n development		
Research and Education	1783 3/21/2014 Riverwalk Park and Educational Boardwalk Trai	This project will construct a Riverwalk Park and Educational Boardwalk Trail. The park will be located across the street from the Jackson County Ski area. It will consist of a park with pawlion and restrooms, and a boardwalk pier panelle to M5 613 that will allow for fish feeding and highlight native species and cultural history of BeardSue Liak. This project will promote tourism to Moss Point and the County, generate local ecosystem education outreach, provide additional recreation opportunities along the geneway, and stimulities environmental cultural stewards the July hour the community with the ecosystem along BeardSiee Lake. The goal of the park will be to create an invitting and functional waterfront environment in Moss Point that restores the quality of life for residents and continues improving public access to natural resources.	Jackson	Yes	No	No	Yes	No	No	Yes		Yes	\$ -	\$ -			
Research and Education	1789 3/21/2014 Marine Education Center Outdoor Learning Area	Taken are in place to construct a new 24000 etc. Maraine Education Center at the Guil Coast Research Lab's Codur Point Teaching Site. The new MEr Clefility is an 511.5 million doint FTAM Indeel orgites with anticipated construction beginning in 2014. The new facility will be a center for public education and outreach in the coastal sciences and will be comprised of classrooms, laboratories, and educational exhibits. The MEC proposes to build two outdoor classrooms, an observation tower, man't walk-out sampling stations, and ADA accessible trails as part of this project. The MEC specializes in field-based learning experiences that support science curricula and the Ceda Provide sciences are compared to the science of the science of the science curricular and the Ceda Provide sciences are compared learning experiences that support science curricular winnomest and engage in hand-on, fet-ever field based learning experiences. These open afractions and receasion. With the development of this outdoor learning infrastructure, visitos and students will be able to explore a range of coastal environments and engage in hand-on, fet-ever field based learning experiences. These open afractifices will allow students to study coastal environments such as the bayou, the marsh, the Mississippi Sound, bay-heads and magnolia-live eak forests while protecting the resources from overse. The low profile marsh walk-out sampling stations will be constructed over the marsh with open mesh frames and close to the Mean tright. The level which will reduce impacts to the tidal flow and minimize impacts to vegetation. The marsh walk-out sampling stations will allow students to be tidal flow and minimize impacts to vegetation. The marsh walk-out disarooms, and the proposed observation to ver will be built to AAA standards and the Mitter Subsci bose to the Mean tright are covered under the Sativater Scientific Collection Permit that is stated to Grow tabilities. All trails, outdoor disarooms, and the proposed observation to wer will be built to	t	Yes	No	No	Yes	No	No	Yes	80	No	\$ 1,033,850.00				
Research and Education	1793 3/25/2014 Efucational Enhibits at the Proposed Marine Education Center	Plans are in place to construct a new 28:000 sq. M.KC facility at CGM*S Cedar Point Teaching Site. The new MEC facility is an S115 million obligate TRAM funded project with anticipated construction beginning 1025. In this new Gality is designated exhibit gaace that will be open to the public at no cost and will include a series of high quality, interactive educational exhibits. The three exhibits will focus on The Science of the SqiII. Costal Hazard/Community Realinera and Bake Water Science. The Science of the SqiII exhibit will be an extension of the work that GCRL did as part of a Rapid Response Grant through the National Science Foundation in 2010 &C 2011 and continued through an CFA grant in 2013. The institution will be water the science during an engegrave, it will use published research toolkact by GCRL sciencitis and others to answer the questions set out by the Galit of desciso cleasers in Institute 1.1 What happened to the oil and the dispersants? 2.1 What are the lengation mann health? The Costal Hazard/Community Resilience exhibit will describe the natural disasters (e.g., save level result at can any effect communities in the costal region and highlight strategies that communities and individuals can adopt to be more realient. The Buke Water Science ensilient will highlight the reasarch of GCRL researchers in offshore environments that most people neve experience. Cosyntem processes and species that may be highlighted include the loop current, sargassum, and large pelagic species such as whale sharks. Visitors to the MEC, which include students and citizens from the region, will gain a better understanding of the impacts on the dual of Mexics to the Depaywater Nortzon on SpiII and the importance of long term monitoring and research to help ensure a healthy Gulf.	Jackson 5	Yes	No	No	Yes	No	Yes	Yes		No	\$ 2,782,000.00	Ş -			

Research and Education	1799	4/4/2014	Multifaceted evaluation of living shorelines in the Mississippi Sound	Living Shorelines (LS) are primarily designed to control erosion using non-traditional materials that enhance shoreline stability while preserving natural coastal processes. Although these approaches for shoreline protection have been successful for increasing shoreline stability and increasing shoreline stability and increasing shorelines tability and increasing shorelines (We process at a monitoret for evaluate long-term success. Given the noverly of LS, each project represents a unique opportunity to gain valuable information that can be used to inform four project creasing which an adspite management finamework. We projose a long-term, multifaceted monitoring approach for several proposed and newly constructed LS along the Mississipi coast the includes measuring puriatered control sites. That are likely condidates for shoreline protections, but are not receiving a treatment. They shore that are likely condidates for shoreline protection, but are not receiving a treatment. Physical parameters lincked horeline erosion, scienter quality, and water quality. Biological and nechenit laways for each monitored living benefines by subility explored to adapter do notion like that are likely condidates for shoreline protections, but are not receiving a treatment. The second objective in this study is to develop cot-hereft manyles for exolons cliented proteines protections protect costs. Cemparing physical pulsiogical and contell manyles, and were thereit shores, nutrient relative, not were histing and movement. The second objective in the study is loogical, and nection committees in the law tables that the protection measures is storely needed in Mississipi and in the larger stude stores that US sponsa are cost-effective. A more complete understanding of the functions provided by alternative shoreline protection	Hancock	Yes	No	No	No	No	Yes	No	No	\$ 5,000,000.00	5 -	
Research and Education	1800	4/4/2014	A comprehensive approact for the restoration and recovery of essential prey items for kemple*s, failed as a turtise (tepdochelys kempi) in the Mississippi Sound		Hancock, Jackson, Harrison	Yes	Yes	No	No	Yes	Yes	Yes	60 No	5 18,000,000.00	\$ -	
Research and Education	1810		Long-term restoration. recovery, and monitoring of marine mammaka and as a turties in the north central Guilf of Mesico	In the alternation of IBD Depayawer Horizon OI Spill, Turger numbers of Dottlenose dolphins and see turkles have standed in the northern Gulf of Mexico. And many of these strandings have occurred along the coast of Mississippi. The Institute for Marine Mammal Studies (IMMS) has played a centric of the In the stranding response and rehabilitation efforts during this time. The proposed project will promote the restoration and recovery of dolphin and sea turtle populations in Mississippi vares through a systematic approach of 11 sepsonling to dolphin and sea turtle encovery of wild dolphin and sea turtles populations. Representing a sex predators, dolphins and sea surtles are lead bloindicators of ecosystem health. This project, led by Mississippi State University (MSU) will facilitate understanding of how these species have endured numerous environmental stressos and foster their future survival, which is imperative for the restandion and recovery of will bornother out the Mexico. This project adheres to the selection criteria set forth by the National Fish and Wildlife foundation (NWV), to remedy harm and eliminate or reduce the risk of future harm to Gulf Coast natural resources that were impacted by the Deepwater fromton oil spill. This project the Mississippi State University (MSU), to remedy harm and eliminate or reduce the risk of future harm to Gulf Coast natural resources that were impacted by the Deepwater fromton oil spill. This project the Mississippi Standie and dispert waters were directly impacted by the oil spill and response activities the Mississippi Standie and Jonet certure and Indicet Tuipyr resulting from the displand are reportes activities in the north-certal Gulf of Mexico Project includes state turties species directed and Indicet Tuipyr resulting from the displand are reportes activities in the north-certal Gulf of Mexico Project includes state turties species from the displand in the restandon and recovery of these species, and enhance management of marine resou	Hancock, Harrison, Jackson	Yes	No	No	No	No	Yes	No	No -	\$ 16,520,879.00	\$ -	
Reserch and Education	1823	5/13/2014	Center for Marine Ecosystem Health	The Center for Marine Ecosystem Health will provide scientific Information and Isotnodgy transfer to reside ecosystem health statiogens with trade, and increased population growth. The center will conduct interdisciplinary research to everytem health statiogens with trade, and increased population growth. The center will conduct interdisciplinary research to everytem its with related to human health, ecosystem health, and the animal health constraints or the development of marine aquaculture. The goals of the Center are: [1] To protect sandod consumers and lving marine resources from epitodics of indigenous and sendod products. To gain a nuderstanding of the biology and epidemiology of pathogens important to marine resources. The development of marine aquaculture, through an emphasis on biosecurity, stock health, and environmental letwardship. To gain understanding of the influence of pathogens important in marine aquaculture. The provide epidemics. Q17 or accelerate the development of marine aquaculture, through an emphasis on biosecurity, stock health, and environmental latestanding. Q1 the source and control of nature aquaculture. The provide period marine. Q17 or accelerate the development of marine aquaculture, through an enghasis on biosecurity, stock health, and environmental latestita and establishment of Specific Pathogen Free-based marine aquaculture. To provide period marine aquaculture, the Guird Macusco through a better understanding of marine taxim, including oi related products and their mechanisms of action, and to develop interventions and develop exists. In provide exists, information, and advice on environmental contaminants to the project will build state-of-the-state functions and assemble a taxim of outstanding scientists and technical personnel from the progent will build state-of-the-state functions and assemble a taxim of outstanding scientists and technical personnel from the informatic constrainants. In cluding out the study of diseases of function or animes conserved	Jackson	Yes	Yes	No	No	No	Yes	Yes	100 Yes	5 6.00	5 -	

Research and Education	1827	5/13/2014	Analysis of the productivity dynamics and ecosystem health of the Gulf of Mexico using the sentinel species Gulf menhaden	subject to a range of chronic and episodic natural and anthropogenic impacts. In order to understand what eosystem targets managers should after be tatia, an understanding of the inong-term eosystem conditions is necessary. In this proposal, an informative indicator of eosystem health will be developed using Gulf menhaden (Brevoorta patronu) as a sentinel species. NOAA Fisheries, to cooperation with the commercial fibring industry, maintains a biological archive of Gulf menhades rales (1964 to 2012, approximately 4.600 to 16,800 for each year). We will analyze these scales by ubusmpling the scales and determining their temporality and specifical state biological archive carbon 13, nitrogen 15, and oxygen 13. Using this information to management, zacadenicas, industry, and conservation representatives, the deliverables of this work are expected to have a broad, immediate, and profound impact. One application of the eosystem health indicator will be to understand the sent fishery dynamics. To ree apmile, both the blue carbs tock and the gulf methade tock exhibit a reduction in productivity in 1955. It is likely that these departures indicate a Adceneg/methalth indicator will be to understand these of fishery dynamics. To ree apmile, both the blue carbs stock and the gulf methade tock exhibit a reduction in productivity in 1955. It is likely that these departures indicate a Adceneg/methalth in the environment. The proposed analysis, would be invaluable because the relatively poor fits of many assessment thodels remain a substantial hurdle in the management process, such mains will be improved with ecosystem information. Location (City, County). Ocean Springs, jackson County infrastructure cost (# yeas); beach set of the set on non-RESTORE funds? The proposed research project fulfills multiple resource for by expanding fibery monitoring. Dualing local expertise, creating partnerships, implementing ecosystem-based management, and furthering the understanding of community and ecosystem ecogy. Inform	Ye	es Y	fes	No	No	No.	No	NO	No	\$ 2,923,716.00 \$ -	
Research and Education	1829	5/13/2014	Cumulative Imacts Assessment Tool for Ecoystem Based Management	impacts on the ecosystem. While positive impacts are most likely, there is risk that interactions across projects may have Harr	ncock, Yer	es Y	fes	No	Yes	No	Yes N	No	Yes	\$ 7,500,000.00 \$ -	
Research and Education	1830	5/13/2014	Crafting a mechanistic functional indicator of hypoxia and ocean warming	Integration and Assessment rototy issues Leam. Additionally, Not Ints developed and utilized suits, a decision support system. The proposed project will contribute to a functional explanation of responses by bentich organismic transformations and the metal topical set of the set of th	kson Ye	es Y	res	No	No	No	Yes N	No	No	\$ 2,000,000.00 \$ -	

Research and 1833 Education	5/13/2014 Artificial reek and hyposia examining linkages and effect on reef fish populations	Artificial reefs are commonly built to create flah habitat in hopes of increasing flah stocks. The Mississippi DMR has created many shallow reefs within Mississippi Sound using concrete rubble and opter shell. Further offstore, a docan offstore reef sites (flah haves) many flah stocks that 01000 esci have been establehaded. The program greaters to measther at ruftical reefs in sites (flah haves) many flah stocks that 01000 esci have been establehaded. The measther at ruftical reefs in each terrotrophic and have a high biological expend demand, yet hypoxia, rarely develops on these shallow reefs with orders atters and high water column mining rates. The offstore reefs are despect (SOUID) and cotted in a region where the water column is stratified during the summer. This stratification combined with rverine nutrient inputs leads to bottom water hypoxia. Biolifi muto on large offshore stress and espect (SOUID) and cotted in a region where the water column is stratified during the summer. This stratification combined with rverine nutrient inputs leads to bottom water hypoxia. Biolifi muto on large offshore susceptible to hypoxia relative to the non-reef sites. Subta to shallow rutrogen species will be examined to determine the sources of dissolved nitrogen. Fish populations at each site will also be auroveed by underwater video collected by members of the Mississipi culi Triale and y for stages will be surveyed to combine the hypoxia. We hyporine flicites, hypoxia, hypoxia, and hypoxia-mediated relationships between laval supply (pelagic larve) and steted recruits (unveils). Location (CNI), County): Consen Springs, Jackson County infratruction of Ministense Coll (H years); \$1,419,000 (4 years - \$355K/year) How will his livenegs with net RISTORE priority areas or non-RESTORE funds? How propertiese, creating partnerships, and implementing ecosystem-based management. Information relevant to Economic Development (e.g., new construction, new engloyment opopulates) supportantes, workforce derivers, cre		Yes	No	No	No	No	Yes	No	No		\$ 1,419,000.00	\$ -	
Research and 1832 Education	5/13/2014 A management strategy coastal habitas and ecosystem services in the northern Gulf of Mexico	The costal continental and situal habitats in the northern Gulf of Marcia (GOM) are subject to a range of chronic and episoder impacts. In order to marinate the habitat in the northern Gulf of Marcia (GOM) are subject to a range of chronic of management (framework that considers the complex social, economic, and biological tradeoffs when considering various management (framework that considers the complex social, economic, and biological tradeoffs when considering various management (framework that considers the complex social, economic, and biological tradeoffs when considering various subjects) and the considers the complex social, economic, and biological tradeoffs when considering various subjects (a consider, and contral set) and the considering of the constant (a considering various subjects) and biological constant (a consider) and the constant (a constant (a considering various) subjects) and the constant of the various of the constant (a constant (a constraint), and (a constant), and (a constant) constant, and the constant (a constant), we will use the management strategies will alter the function of coastal cosystems. The NEK framework that provide decision-mates and stateholders with the tools necessary for long-term planning and help ensure healthy and sustainable coastal ecosystems. Location (Clty, Courty): Ocean Springs, Jackson Courty Infrastructure coal ((wesci)), None Annual Operation & Maintenance Cost ((wesci); Note Annual Operation & Maintenance Cost ((wesci); Note Annual Operation & Maintenance (cost ((wesci)), Note Annual Operation Revease with other RESTORE priority areas or non-RESTORE funds? The proposed research project fulfills multiple fool including: seado (a co-vertorization, habitat research), Note Mewologinent and training, etc.): The project will train graduate students and provide information to manager	Jackson	Yes	Yes	No	No	No	Yes	No	No		\$ 3,739,000.00	\$ -	
Research and 1834 Education	5/14/2014 Massing) rithmes Oceanography, Monitorin andresement Program (MFOMAP)	Veriability in the recommend of movine finket to adult appositations is tapply related to the variability eccountered in relat rates (e.g., growth, morality) (wing the ega and was tables, powiedensiziding of this instruits variability environment) wind a structure is a structure of the environment of the instructure of the structure instruits of the environment wind and the structure of the market factors at the yrelated to the structure of the Mississippi Fakeless Cosmography, Monitoring and Akessmeet Program (MFOMAP) is to collect long-term baseline data to understand the nature of nearshore and costale environment factors as the yrelate to faheries production. The core component of this program will be monthly survey to target the early life stages of marine fakeles equipations) and program (will be characterized the oxygen by the cosystem based, "physics to full" approxemation (e.g., episitous costandes annight exchanges, including and dation, the physical environment will be characterized through field based sampling (e.g., calmity, temperature, nutrients, dissolved oxygen). This environment at simple (e.g., ADCNESS or all DNESS and an in Situ kthrough includes, including and unitere plankton- environmental sample (e.g., MCNESS or all DNESS and an in Situ kthrough includes and plankton in escarch, 9) plandance, distructure, and exacomang regans (2.3.2.1) provide signalizes (final characterizet the primary data source for the federal NIDA, and therefore a state complement wull benefit Mississipi-specific assessments in the future. Location (City, County): Coense pring, Jackson County Infrastructure costs (if yeass); 2.3.1.0.0.000/year (1.0.yeas) Annual Operation & Maintenance Cost (if yeass); 3.1.0.1.000/year (1.0.yeas) Annual Operation & Maintenance Cost (if yeas); 3.1.0.1.000/year (1.0.yeas) Annual Operation & Maintenance Cost (if yeas); 3.1.0.1.000/year (1.0.yeas) Annual Operation & Maintenance Cost (if yeas); 3.1.0.1.0.000/year (1.0.yeas) Annual Operation & Maintenance Cost (if yeas)		Yes	Yes	No	No	No	Yes	Yes	30 No	monitoring	\$ 2,055,750.00	\$ -	

	r		1					_						
Education	5/14/2014 Ecological assessments an development of Inheres-independent data and enterior dat	spatial/empoint variability associated with the Loop Current are prime examples of these processes. Ploating Sargassum prepresents on acids of biogenic habitatis in on cherwice Habitad-envires (Jobaticad-envire) (Cora, and Mutari, Habitat for esident and transient fithes, invertebrates, and as turtles. Lavial and juvenile stages of recreationally and commercially important species (e.g., rupiestal, growing fish species (e.g., /hyngfishes, halfbeask) that serves as print areas, as do the early life stages of important forage fish species (e.g., /hyngfishes, halfbeask) that serve as prey for many press, as do the early life stages of important forage fish species (e.g., /hyngfishes, halfbeask) that serve as prey for many profitches. Similarly, fincial boundaries associated with the Loop Current and fish sacealized deliver devide fatures. Specific objectives of the project are to: 1] develop collaborations with colleagues at USM/DMS to ground-truth remote sensing observations and characterize the Loop Current fatures associated with these features. 3] characterize sesonial and internanual variability in laval and juvenile that assemblage associated with these features. 3] divarcterize sesonial and internanual variability in laval and juvenile that assemblage associated with these features. 3] divarcterize sesonial and internanual variability in laval and Juvenile this assemblage associated with these features. 3] divarcterize sesonial and juvenile tish indices for inclusion in stock assessments) "weighted" by information gained on fish sessiciations with hargessum and Loop Current features. 1) divedee produces with the def STSTOBE and GoCost priorities by expanding fisheries monitoring for Mississipp fisher waters, building local aperticity priority and consenting commercial and recreational species (along with the jobs and builting local aperticity creating particity and consenting commercial and recreational species (along with the jobs and builting local aperticity these resources compont- information relevant	i 3 Jackson		s No	No	No	No Y	55 NO 25 NO	No	monitoring	\$ 5,620,000.00 \$ 8,000,000.00		
		Induced satimatch vegetation, informal and epiformal invertebrates, notato, and larger transient fubas, as well as nutrient and organic matter concentrations in the procent water and in the apericulate phase, and stable isotope signatures of elected organisms at various traphic levels to assess the progression of change in the traphic structure of restored marshes relative to that representing natural reference conditions. Focal samples will be taken. Location (CHX, county): Coens Signary, askson infrastructure cost (# years): None Annual Operations & Maintenance Cost (# years): \$1,000,000/year (8 years) (actual budget depends on the amount of salt musch restoration activity involved) How will this leverage with other RESTORE priority areas or non-RESTORE funds? This project addresses multiple RESTORE and coccoast te yand priority focal areas, and will complement anticipated substantial investments of RESTORE funds in used and document the attainment of normal salt marsh function.												
							_							
Research and 1837 Education	5/14/2014 Determination of the landscape realisence of saturatives to code sail across guidents of readers inputs and wave energy	Information relevant to Economic Development (e.g., new construction, new employment opportunitie, workforce The complexity of an anual removal processes makes the spatial variability of ineducis confiner ery high, leading to more training, so to homoscitation, fulfiliar sources that work the set of the enducis confiner ery high, leading to more training to homoscitation, the proceeding of the enducis of the enducis of the enducis of the enducis of RAVID process. We proceeding the enducis were, total and relevant erective has a set of the enducis of the enducid of t	Hancock	n,	\$ No	No	No	No Y	25 No	NO 7		\$ 1,440,000.00	\$ -	

Research and 183	8 5/14/2014	GCRU/MEC educational vessels program replacing the R/V Hermes	The R/V Hermes was built in 1955 and has been a workhorse vessel for GCRL ever since. Its primary mission has been to support the field needs of the Marine Education Program. However, the R/V Hermes has limited capacity and growth of the MCC now to portion back used of which will have the capacity for transport a class of 30 Statistication of the MCC now to portion back, each of which will have the capacity to transport a class of 30 Statistication of the MCC now service transport of the MCC now vessels and increased carrying capacity will be needed. Location (CIN, County): Crean Springs, Jackson County Infrastructure cost (# years): S200,000 Annual Operation & Maintenance Cost (# years): GCRL manages its entire vessel fleet on a cost recovery basis. We anticipate uage, involved under a dary-rate schedule plus fuel, to cover the costs of crew, at-sea use, equipment upgrade, and yearly maintenance. How will this leverage with other RESTORE priority areas or non-RESTORE funds? These new vessels will allow the MEC to expand ducational programs, funded by the MESTORE Act. In addition, the GCRL/MEC will be addeted to to education and programs, funded by the MESTORE funds? These new vessels will allow the MEC to expand ducational programs, funded by the MESTORE funds? These new vessels will allow the MEC to expand ducational programs, funded by the MESTORE funds? These new vessels will allow the MEC to expand ducational programs, funded by the MESTORE funds? These new vessels will allow the MEC to expand ducational programs, funded by the MESTORE funds? These new vessels will allow the MEC to expand ducational programs, funded by the MESTORE funds? These new vessels will allow the MEC to expand and modules for middle and hits shoulds. This project could fit under any of the buckts under the MESTORE Act funding stream because the vessels will be used to hitthere the educational ducation the fund and the funder and the buckts under the MESTORE Act funding stream because the vessels will be used to hitthere the educatio	t Jackson	Yes	No	No	No	No	No	Yes	100 No	\$ 200,000.0) S -	Equipment	development and purchase
Research and 2.84 Education	7 5/28/2014	Developing aquaculture for stock enhancement of economically important marine fishes of the northcentral Gulf of Mesico	Rectorginarianties of the sum cleak tegins with equivation of suberiss and their teaches in a nee-based induced control control of the developed at the Third Acchran Marine Aquaculture failed excition of a device is the autoculture and socie enhancement of marine failed of importance to the Mississippi Guil Coast. The project will be developed at the Third Acchran Marine Aquaculture enhancement of marine failed of selected marine species with a primary focus on red snapper and spotted settorus. (In tag and release produced Marine and Javeniles of selected marine species with a primary focus on red snapper and spotted settorus. (In tag and release produced Marine Aquaculture enhancement of marine failed of selected marine species with a primary focus on red snapper variants and the Mississippi recreations.) (In tag and release produced Marine Aguaculture enhancement of marine failed marine species with a primary focus on red snapper variants.) (In tag and release produced Marine Aguaculture enhancement of marine failed marine and an increase of recruitment and finking paper training.) (Mississippi recreations) is a complexitor to the species of the control of subtractive and an increase of recruitment and finking paper training. The development of marine training species (SL prime) (Mississippi recreational failed enter the development of and taking expressing species (SL prime) (Mississippi recreational failed enter the species of the load nanket and creating new jobs on the Guil Coast. The project will also investige to fract the coast market and consulting. Location (Clay, Coanty): Cease Springs, Jackson County infrastructure cost (V evan); SL production paper and paper in the species (SL prime) (Mississippi recession). The development of industries through continued research, training and consulting and consulting and consulting and consult market and creating Mississippi recession. The development of industries through continued the search, conting and consult market and consult market and consult market an		Yes	Yes	NO	No	No	Yes	No	Yes	\$ 50,000,000.0) \$ -		
Research and 184 Education 184	8 5/28/2014	Guff of Mesico tuna aquaculture program	biel decorption of activities: Tuna are among the most valuable fishary species in the world and are subjected to heavy fishing pressure. In fact Hadnic's buelt mus softs are accessred, overfished and structs are decining at an alaming rate. The Gulf Decorption is not softs are exercised at the Hadnic's buelt mus softs are accessred verified and structs are decining at a maning rate. The Gulf Decorption is not an access are accessed and accession of a subjected to heavy fishing acquarture of tuna discretion of a valuative contribut to relieving fishing pressure on wild stocks and can contribute to rebuilding stocks through supplementation. Presently, tuna are a lack of captive broostocks spawning and larval rearing. The Gulf of Mexico Tuna aquacuture is funded to the factering of valid caught juvenies in cages. The contribution to a valid stock spawning and larval rearing. The Gulf of Mexico Tuna aquacuture is funded to the factering of valid caught juvenies in cages. The contribution to a valid stock spawning and larval rearing. The Gulf of Mexico Tuna as a lack of captive broostock developed is a captive production of against law of the thermology of the captive production of gavening of velocified and work on the production of juvenile tuna for charodscick development, we viii develop as captive population of Buelfin tuna and initiate research on invaria earing that will califinate in the production of juveniles for release into the wild. Calimitate in the production of juveniles for release into the wild. Account (https://www.calimitation.com/) release the Cast ID (Aeveni): Spaming and larval rearing (galacks on Country) with participants in all five Gulf states. Annual Operation & development (arg., new construction, new employment opportunities, active hardnering. Active hardnering causal wild point avoid development through development and rearing accession in costal Matistipul.	f f	Yes	Yes	No	No	No	Yes	Yes	15 Yes	\$ 30,000,000.0) \$ -		

Research and 1849 Education		Brief description of activities: GCRL is a leader in the development of Intensive, low-water use, high bio-security culture of marine species for enhancing native populations. GCRL is now poided to develop and appy new marine aquaculture technologies for restanger na support of costal restorations, encomine apparation, and fuhery stock enhancement. Red de margore is none of the most sought-after recreasional flab. Reduced feeling duots have significantly impaired porticularly technologies for restanger na support of costal restorations (encomine apparation), and fuhery stock enhancement. Teed de margore is none of the most sought-after recreasional flab. Reduced feeling duots have significantly impaired portfability of technologies for restanger and the costanger restoration of red snapper for stock enhancement. In Red CRL is the only institution in the world doing so. Accompliahments include release of over 5000 juveniles in 2013 in support of rebuilding on those support populations and development of cooped production technologies for cleaning red snapper lands. The stock State stock and 250,000 red snapper at 6-cm site (about 0.5 years of) would produce enough legal ster field. (16 inches) in three years to doube the 2012 landing second 6 for Mississippi recreasional fisherms. The GCR augusture program has the capacity to achieve this level of production with improvements in culture technology. In 2011 (last year of MMTS data), Mississippi alawater angles to the cast. Doubling the landings would aday infinition you to three costal counties. Thus, the recreational fishery is an important source of tourism dollars for the castal counties and red snapper is an important draw encouraging angles to the Annual Operation. & Maintenance Cost (If years): 520,000,000 per year with an imminual duration of 5 yeas thow with this leverage with other RSTOME priority areas or non-RSTOME Lindo? Annual Operation. & Maintenance Cost (If years): 520,000,000 per year with a minimal duration of 5 yeas thow with t	5	Yes	Yes	No	No	Yes	NO NG	Yes	\$ 10,000,000 00 5 -	
Research and 1850 Education	5/28/2014 Improving (fish tock accessment and morthern Gulf of Mascio Nerthern Gulf of Mascio using food web dynamics	The description of activities: In the assessment and margement of fish and invertebrate resources in the Gulf of Mexico (GOM), a might sixe to stakeholders is how the surplus production of stocks should be allocated. In recent years, the protocol (GOM), a might sixe to stakeholders is how the surplus production of stocks should be allocated. In recent years, the protocol commercial second, decision must be made about how to allocate fish to ensure ecosystem functions. It is only with an increased knowledge of the ecological roles of productions and pary populations, that managers can ensure vibrant, economically substahled lishers, a weal as promote ecosystem millione. The objectives of this project is to collest and analyze the dicit compositions of fish resources throughout the northern GOM. We will partner with GOM statesid?" resources agencies and arguint decaption of Missispipalier's fish sample program. The objectives of this project is to collest and analyze the dicit compositions of fish resources throughout the northern GOM. We will partner with GOM statesid?" resources agencies and the application of the highest trophic levels of fish species unique tools, it is only within a northern GOM. The missipalities the spatial and temporal patterns in die among the multi-species fish community in the GOM. 3 J Directly implementing this information into sock assessment and management policy by communicating the results of the studies to industry and KOC stakeholders. Location (Chy, County): Ocean Springs, Jackson county Inflastructure cost (Il years): Stock saves course to by separating fishery manitoring, building local expertise, creating partnerships, implementing ecosystem existence and a furthering the understanding of community and ecosystem ecology. How will this leverage with other RESTORE priority areas or non RESTORE funds? The proposed research project toffills multiple resource to by separating fishery manitoring, building local expertise, creating partnerships, implementing ecos		Yes	Yes	No	No	No	Yes No.	No	\$ 3,641,598.00 \$ -	
Research and 1851 Education	variability on population dynamics of estuarine, reef	Brief description of activities: Oceanic-atmospheric modes of variability from the Atlantic and Pacific Oceans have been linked to meteorology, hydrology, abundances of estuarine fishery species (shrimp, blue crab and gulf menhaden), and zooplankton	2	Yes	Yes	No	No	No	No No	Νο	\$ 1,200,000.00 \$ -	

Research and Education	1852	6/3/2014 Establishment of a effective biomotion program to saces and protect coastal fisherie	outful, coastal runoff and accidental release events accumulate in estuarine and marine sediments, leading to increased 9 exposure of sediment-associated seques to both higher does and longed vulcations than pelagic poliahotics specific Benthic fish species are reliable indicators of overall ecosystem health, and function as sentinel organisms in the event of unanticipated release events. We propose to estabili ha biomonitoring program that will estamine key indicators of botic and endocrine- disrupting contaminant exposure in two representative benthic species: southern flounder and Atlantic stingray. The Toxicology and Molecular Physiologic jubanoties at GCAT are uniquely qualified to monitor validate indicators of exposure, i.e. general stress (immunocompetence, stress strevib hormones), toxin and heavy metal exposure (liver histology, expression of contaminant-induced genes copy and and mix, and endocrine disuption (entitive)statiol, expression of Induced genes copy and and mix, and endocrine disustrution (entities) tasked bases of Induced areas copy and expression and etemporal variability among exposure study using the bioinductors listed abare. Consistent monitoring of these species at the same stations over time will serve to protect and maintain healthy costat decosystems by: 1) Determining the natural spatial antemporal variability among exposure indicators in COM sentimel species to all in management decisions; 27) Estabilishing un-impacted baseline values to facilitate rapid analysis of impacts from future release events such as Deepwater Horitor; 3) Rapid judentifying areases (SIG) and and serve to seasonally impacted by anthropogenic impacts; and 4) Providing a mechanism for identifying unreported or unknown release events. Location (CTV, Court); Cours Springs; Jackson COUry Infrastructure cost (# yarsi); SIG) Model and ESTOBE and GoCoss priority areas by providing data that are directly applicable to sealood quality, tourism (recreational fishing, fisheries management, and healthy water resources	Yes	Yes	No	No	No	Yes	No	No	\$ 1,680,000.00	S -	
Research and Education	1853	6/3/2014 Guilf of Mexico Jarge p fühes tracking program	development and training, etc.): This project will employ and train highly technical laboratory staff, increasing local resources lacks interdescription dativities: Large peaking fits speeces, such a blue marinin, staffits, bluefit hunds, and yellowing tunus, hinhald of fishore waters of the Gulf of Maxics and often undertake extensive migrations to accommodate various. If h-history requirements, crossing multiple management jurisdictional boundaries in the process. These speeces are of significant ecological and economic importance, yet management pressures to sustainability of their stocks are often insufficient due to the lack of scientific data, including habita use and migratory trends. The proceed program would use statilite tagt technology as a vables scientific approach for the assessment of habitat preferences and movement patterns of large pelagic fishes, thereby enabling the impacts of these data with species-appetic lobological factors. Use of staffile tags will all in better defining management jurisdictions specific to each species and will provide a baseline for assessing future episodic events in the marine environment; such a deepwater dimiling accident, that may impact these stocks. Location (Clity, County): Ocean Springs, Jackson County Informatione Maintenance Cost (# years); 537:000 annually for 10 years How will this leverage with other RESTORE funds? The proposed program addresses multiple RESTORE and Gosta key focus ans, including Cordents, taking and Resarch R Education, and pertains to specific priority items for: Sasfood Research; Fisheries; Ecosystem-based Management; and Comprehensive Observation, Monitoring and Mapping. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce development and training, etc.): Informed management of natural resources will promote sustainable seafood harvest and production and recreational fishing activities and subsequently benefit associated tourism.	Yes	Yes	No	No	No	Yes	Yes	50 No	\$ 7,250,000.00	\$ -	
Research and Education	1854	6/3/2014 Quantitative fisheries assessment program	Brief description of activitie: Proper fisheries management relies on quantitative assessments of exploited stocks to safeguard against overfishing and depiction of fishery resources. Maintaining the long-term productivity of fished stocks to safeguard and ustainable economic base. Countitative assessments inform management decisions to restrice overfished or otherwise impacted stocks to sustainable levels, thereby creating exploitable production levels for commercial and recreational user groups. Traditional management hereide on single-species assessments stufing data databane from the various binding sectors along with independently collected scientific data for target species. There is growing interest in the implementation of sectors and sustainable levels, thereby creating exploitable production levels for ommercial and recreational user groups. Traditional management here in assessing the status of fide/dual greaces and associated explosition of sectors. This proposed program will apop ria combination of traditional single species, maximized and obligation comportants. This proposed program will also identify and address data gaps and deficiencies in current sampling programs so that data inputs are readily available for model runs. The resulting assessments and management recommendations will provide a science-based foundation for the program adortinued management of Mississippi and associated regional fisheries to optimize the economic benefit of those resources. Location (Dhy, County): Ocean Springs, Jackson County Infrastructure cot (# years): S215,000 annually for 10 years How will this leverage with other RESTORE function, Favore Mesaravh & Education, and pertains to specific priority terms for: Sedood Research; Fisheries; Ecosystem-based Management; and Comprehensive Observation, Monitoring and Mapping. Information relevant to Economic Development (# g., new construction, new employment opportunities, workforce development and training, ex1.): The project Will lead to improve management of the St	Yes	Yes	No	No	NO	Yes	NO	No	\$ 2,150,000.00	ş -	

Research and Education	Development of a recreational fichery initiative within SCeMFIS Science center for Marine Fücheres)	Surf decirption of activities: The Science Center for Marine Fishereris (SCeMFG) is a National Science Foundation (NST) industry de University Cooperative Research Center (I/UCR) housed a CGR, which provide scademic resources to fishing businesses throughout the Guil Coast. J/UCRC centers are designed by NST to provide the opportunity for the business community to obtain access to academic science to fishing business of SCeMFG) is to utilize academic recorrect for Main pushesses throughout the Guil Coast. J/UCRC centers are designed by NST to provide the opportunity for the business community to obtain access to academic science to fishing the mission of SCeMFG is to utilize academic recreational, and commercial fisherites resources to address urgent scientific problems limiting sustainable fishing industries requires a dual focus of the assessment process that deferments the status of the science and the provides the vehicle by which the fishery is managed to optimize stock status while supporting a robust industry. SCeMFG is unique in the right description of the science and provides the science tody that premits the fishing industry to retain alexistical provides the vehicle by which the fishery is managed to optimize stock status while supporting a robust industry. SCeMFG is unique in being the only project design. More information on SCeMFG is subalized to its vesticities: http://www.SCeMFG is unique in the receivational fishing industry is not represented in SCeMFG will permit the receivational there dual argues of a present the receivation and fishing industry is not represented in SCeMFG will permit the receivational fishing to business of publicing and gene financial comment to the remedian argues at C ² whites the disastrous state of the red supper recreational fishery. The project will permit the receivational groups to get involved in the assessment industry that SCeMFG will methate. It is anticipated that once the walk of the center is made is call through the paroticipation. Note the receational	1	Yes	Yes	No	No	Yes	No t	10	n	S 400,000.00	\$ -	
Research and Education	Completion of Shelf and Slope Experimental Taphonomy initiative SSETI)	Ruberts, and returning immuny personne: Bard description of activities: SSTI: is a long-term experiment designed to evaluate the fats of carbonate on the outer shelf and upper slope of the Guif of Mexico. These regions include hardprounds and Lophelia reds of the type impacted by the BP oil Bard description of the subridge in the the experiments have been in place for 20 year, making this the longest running experiment of its lind by more than 15 years. The bart entirevisit were made in 2006 after 13 years on-bottom time. The program including encourse and abuptions can be completed in two years time. Star 15 is the slige neuron tampoint dataset monitoring long error maintenance of hardprounds, and uncernoted in two years time. Star 15 is the slige not submosting long error implications for understanding the influence of occeas actification, understanding the processes that result in the creation and important sink for atmospheric CO2. Among SSTI sites are the most sensitive deepwater communities in the Caliform and there?. By early a star 2000 and a star 2000 and an advection of a submersible or ROV. These technologies are available. Data analytical methods are well described in a series of papers presenting the status of SSTI firstructure cost (W years). Knoe Amoual Dependion Maintenance Cost (W year): 51,500,000 over 3 years. No long term funding is required: the project can be completed in 24 years. How will this leverage with other RESTORE priority areas or non-RESTORE funds?: The project will influence a range of RESTORE programs trageting the outer helf and upper alonge by providing a long-term dataset that can underpin a range of research programs periment desting advecter will proved retrolement, havinground and soft-bottom habitas. Because of is application in cationate budget modeling by being the ingest running typonomic experiment in history and who will this leverage with other RESTORE priority areas or non-RESTORE funds?: The project will individe that provide the provide the pr		Yes	Yes	No	No	No	Yes 1	40 I	10	\$ 1,500,000.00	\$ -	
Research and Education	Petroleum impacts on long lived deep water coal and organoian ecosystems: The role of sealloor carbonate in deep habitat formation and resilience	development and training, etc.]: The project will support a number of ganduate students at GCRL for a period of three years. Bief description of activities: With the exception of fosilated outcrops of bedrock, coral communities on expensional alope depend upon exposures of authigenic carbonate for settlement. We will investigate the development of authigenic carbonate hardgrounds consistent with the stages in the evolution of the card hardground community and representative of recent anthropogenic influence. These include (1) the formation of hardgrounds by natural pertoleum seepage; (2) the development of habita islands at the sediment-water inferice by examining agradient from real affected by split dependent (Macando MC-352 in path of plume) to refus upstream of the plume at MC-323), and to natural pertoleum seepage; (2) development (C) ES) and at waning stages of seepage (C) 248. K volas Antol 828). Objective 1: Pensistence and incorporation of pertoleum/disperant within hardground and seletial carbonate: We will compare the finanework of the hardground and the selectial devis field from pertoleum/disperant MECetar 1000 and 10000 and 1000 and 1000 and 1000 and 1000 an	5	Yes	No	NO	No	No	Yes 7	40 I	80	\$ 1,500,000.00	\$ -	

Research and Education	1858	6/3/2014	Deep-sea crab population dynamics in the Gulf of Mexico. Internot Journal Gulf and Mexico. Internot Section 2016 (Contention of Mexico) Devices on Contents of Mexico (Chaecon Chaecon	Brief description of activities: Understanding the processes that determine regional biogeography, population connectivity and species recovery following catastrophic events is crucial given the increasing number of anthropogenic activities, including resource extraction, but threaten deeps ace accosystems. Central to identifying article information for management and restoration is knowledge of genetic connectivity, inval transport mechanisms, probable source populations, location of syswing populations, and natural historical changes in population sites. The large variety of interconnected mechanisms that promote or impede the genetic connectivity of deep-sea species values and general and the long term maintenance of species or the subsequent divergence of populations reading to speciation are key unknowns to understanding the fundamental evolutionary patienticions are represented in the pathers of genetic connectivity of the constituent species. We are targeting the red crass available for Guilf of Mexico populations prior to the Deepwater Horizon on Isgall. Assessment of population recovery in the Guilf of Mexico via population genetic connectivity will provide fundamental new insights into the genetic, taxonomic, ecological, and evolutionary aspects of deep-sea species in the Guilf of Mexico. Location (Clay, County): Ocean Springs, Jackson County infrastructure cost (Wersam): Nones Splite Im included in query cost Annual Deepation & Maintenance Cost (Wersam): 3 year project, 51 million/year How will this leverage with other RESTORE priority areas or non-RESTORE funds? This project directly addresses research and elucation objectics concerned with population genetics concerned. Institute will provide meed on poputation and constituty e-co-system ecology and management, and fishery economics. & Chaceon species are harvested in the GUM and along the Afranic Coast. Tertnership with the Woods Hole Coastographic Institution and with the Folds Mainne Research. Nultitue will provide meedid opeptr	Jackson	Yes	Yes	No	No	No Yes	No	No	\$ 3,000,000.00	Ş -
Research and Education	1859	1/1/1900	Genetic monitoring and repository of genetic resources for important Guil floh species	The description of activities: Efforts to assess the effects of environmental stressons such as the Deepwater Horizon oil spill on populations of activities: Efforts to assess the effects of environmental stressons such as the Deepwater Horizon oil spill on populations of activities: Efforts to assess the adjunct of baseline reference etata on affected fibrieris stocks. In particular delta for monitories programe inclusions in a horizon delta monitoria energies of the monitorial and baseline reference etata on affected fibrieris stocks. In particular delta for monitories programe inclusions in the formal delta monitoria energies of the monitorial mobility and the horizon adjunct and spatial patterns of genetic variation. The database will be developed and matinated over the iong term to alow turying comprehensively genetic change induced by environmental stressons on local population (Hwen they occur. Tissue and DNA databases will be created and genetic characterization will be conducted over a period of 10 years to identify patterns of genetic variation. The data will be made available for assessment of demographic effects on populations exploited by Mississippi fibrite; and to assist in the identification of appropriate generitic resources will be initiated consisting of genetically characterized germplasm. The repository will be made available for aquiculture based tock enhancement and domestication programs. Location (Chr, County): Ocean Springs, Jackson County Inflatitutier cost (I y ears): S1,200,000/yr (10 years) Annual Operation & Maximennice Cost (I years): S1,200,000/yr (10 years) Annual Operation & Maximennice Cost (I years): S1,200,000/yr (10 years) Horizon recreation and and commercial fiberies. Information relevant to Economic Development (ag, new construction, new employment opportunities, workforce development and training, etc.): The database developed fiberies stocks and will therefore be synergetic with efforts to restore recreational and commercial fiberies.	Jackson	Yes	Yes	No	No	No Yes	No	No	\$ 12,000,000.00	\$ -
Receich and Education	1860	6/3/2014	Implementation of DyPoCRI (Dynamic Population Genetics Engine) to identify significant impacts of resource management options on finfsh and Hellfish stock connectivity, genetic selection, and genotypic diversity	sief description of activities: A gene-based population dynamics model, OpPoGEn (Dyname Population Genetics Targine) has been developed with thinding from the KS Biccomposity and Coology of Infectious Disease programs. This model is configured to simulate the genetic structure and population dynamics of any marine species. The model simulates a population composed of multiple cohorts, each composed of multiple individual. The age, sex, and genctype of each individual are independently simulated. The genetic structure of each animal is defined in terms of its chromosomal complement, each (dromosome bearing a series of genes, each with a series of allex). This permits the expressed phenotype to be deviced from specified genotypes and subsequently to be selected through the normal course of population dynamics. The most recent implementation permits simulations of a series of populations within an retspopulation sing liarian (and hence gene) transfers based on transfer coefficients derived from a coupleal anval-hydrodynamic model. A carbonate-budget model is also coupled to phydrolian derived in the influence of management measures to apoulation genotype, the development of disease resistance in diseased populations, and the influence of finalign on population genotype, the development of disease resistance in diseased apoulations, include to be influence of finalign on manutry and gowth aread stock, the orage anesits circlection for adaptation to be valishing this project can be activated to support any genetic analysis or management scatarge evaluation where gene based data are obtained or whome the situated to support any genetic analysis or management scatarge (subaution hower gene based data are obtained or where issues of genetic bottlenecks or the influence of changes in function (cross Cott (# yean): Stockon CGR Hubitstaad and Cedar Point Campuses inflamitory. Cesam Springs, Jackson, GCR Hubitstaad and Cedar Point Campuses inflamitory. Cesam Springs, Jackson, GCR Hubitstaad and Cedar Point	Jackson	Yes	Yes	No	No	NO Yes	No	No	\$ 150,000.00	ş -

Research and	1861	6/3/2014	Monitoring the rat	Brief description of activities: The primary goal of this project is to monitor the invasive rat lungworm (Angiostrongylus	Harrison.	Yes	Yes	No	No	No N	es No	No	\$ 1,150,000	.00 \$ -	1 1	
Education	1001	0, 3/ 2014	lungworm	and beschption of activities: the primary goal of this project is to monitor the invasive rate ungworm (angustring) cantonensis) in coastal Mississippi. The rat lungworm has a complicated life cycle in which the nematode normally develops in the lungs of rodents, especially the Norway rat. It has a severe human health impact. The larval infective stage occurs in	Jackson, Hancock								÷ 1,130,000			
				terrestrial or aquatic mollusks, as well as in fishes, crustaceans, and other invertebrates. This species initially introduced by rats	HallCOCK											
				escaping from ships in New Orleans in the early 1980s is known to have spread from the Mississippi River levee and killed zoo												
				primates as well as horses farther upriver. Infections can occur in fresh and marine waters as well as terrestrial habitats, in aquaculture ponds and in imported ornamental fishes and seafood products. In humans, the worm infects the brain rather than												
				the lungs and causes neurological pathology and occasionally death. The nematode is probably present in coastal Mississippi,												
				and its spread could be further exacerbated by sea level rise. We have already discussed the invasion of the parasite with												
				Centers for Disease Control specialists in infectious disease in Atlanta and will validate and use their molecular tools presently												
				being developed. The project will analyze, using quantitative polymerase chain reaction (qPCR), snails from the three Mississippi coastal counties. The snails will be collected seasonally, especially focusing near areas with the presence of cargo												
				and other ships plus the Norway rat. Where infections are found, fishes and shrimps that may have been in contact with the												
				hosts will be examined for the larvae infective to humans. We can then use these data to see if specific habitats are more												
				susceptible to invasion and determine if remote sensing (offered to us by MSU) can detect these areas.												
				The purpose of this project is not to frighten people from eating undercooked seafood products or handling mollusks but to determine the presence and intensity of infection so that public risk can be determined, evaluated, and followed. Continuing												
				results will be made available to interested parties such as CDC, NOAA, USFWS, MDEQ, MDMR, and Public Health agencies. An												
				attempt will be made to determine how to reduce or eliminate local infections and to inhibit the spread of infective agents into												
				the Mississippi area. Location (City, County): GCRL; field sites in Jackson, Harrison and Hancock Counties												
				Infrastructure cost (# years): None												
				Annual Operation & Maintenance Cost (# years): \$230,000 per year for 5 years												
				How will this leverage with other RESTORE priority areas or non-RESTORE funds? This project would interact well with funds including RESTORE 1603(b), RESTORE 1603(c), NFWF natural resource and environmental restoration projects, BP Early												
				Restoration, and NRDA Restoration. This project will address the key RESTORE priority areas of eco-restoration and mitigation of	đ											
				insults caused by the invasive pathogen.												
Research and	1862	6/3/2014	Monitoring Dermo in	Brief description of activities: We will seasonally monitor oysters in Mississippi for "Dermo." Although both Jackson and	Jackson	Yes	Yes	No	No	No N	es No	No	\$ 1,125,000	.00 \$ -		
Education			Mississippi oysters	Hancock Counties in Mississippi have oyster reefs that have been commercially harvested, those in Jackson County have been												
	1			unproductive. We hypothesize that fatal infections by the protist parasite Perkinsus marinus (commonly referred to as 倜Dermoå€@in young ovster spat play a pivotal role in this lack of success, as part of a complex interplay of salinity.	1 1											
	1			temperature, nutrients, predators, symbionts, and other stressors. We will test for this problem as well as provide data for	1 1											
	1			ongoing oyster management by monitoring for the agent and conducting additional research. Dermo is an infectious agent in	1 1											
	1			the common commercial eastern oyster (Crassostrea virginica) in Mississippi that is known to kill or lessen the quality of the oyster product, but its role in early stages of oyster development is relatively little known. We propose to collect oysters	1 1											
	1			seasonally with cooperation of DMR and evaluate the prevalence and intensity of Dermo infection in young spat, juvenile, and												
	1			adult specimens from different Jackson County locations and compare them with infections in monitored Hancock County reefs												
	1			We will use quantitative polymerase chain reaction (qPCR) that detects precise levels of the pathogen, even at initial stages of	1 1											
	1			infection. We will complement the field monitoring with laboratory and field experiments with laboratory-reared spat and wild	1 1											
				We have over 40 years experience working with oyster diseases and symbionts, including conducting Dermo culture assays for												
				DMR and other agencies. In addition to publishing our results, we will incorporate monitoring results in Oyster Sentinel												
				(www.oystersentinel.org), a Website treating Dermo in the eastern oyster as an indicator of environmental health in the Gulf of												
				Mexico from Texas to Florida. Results from this study will aid Eco-Restoration management for oyster reef recovery, will inform decision-making agencies involved in reef management as well as replenishing failed reefs by relaying oysters from other reefs,												
				recommending addition of freshwater input, and other strategies.												
				Location (City, County): GCRL with field sites in Jackson and Hancock County												
				Infrastructure cost (# years): None Annual Operation & Maintenance Cost (# years): \$225.000/year for 5 years												
				How will this leverage with other RESTORE priority areas or non-RESTORE funds?												
				Successful Eco-Restoration of living coastal and marine resources requires research to understand and monitor the health of its												
				major species; for seafood resources, this is particularly important. This project would fit objectives included in RESTORE												
				1603(b), RESTORE 1603(c), NFWF natural resource and environmental restoration projects, BP Early Restoration and NRDA Restoration. This project will address the key RESTORE priority areas of restoration and mitigation of seafood impacts caused by	v											
Research and	1874	6/21/2014	COASTAL WATER	This project involves education, research and internship opportunities for coastal high school, college and university scholars.	Harrison,	Yes	No	No	No	Yes Y	es No	Yes	\$ 250,00	.00 \$ -		
Education			GUARDIANS (an Education,	For those enrolled in marine education programs, this would incorporate "hands on" opportunities. During the planning	Jackson,											
			Intern & Apprenticeship project)	process, meetings will be held with coastal high schools and institutions of higher learning along the coast to determine how to incorporate the project in curriculum and to gain project approval from state and local educational authorities. The proposal	Hancock											
			project)	includes Harrison, Hancock and Jackson counties.												
				The project provides workforce development opportunities for low-income participants through apprenticeships. Stipends will												
				be provided to learn the skills necessary to play an active role in the restoration and healthy sustainability of natural habitat and coastal waters. Many coastal residents still desire maritime occupations. Unfortunately, for the past several decades, such	·											
				opportunities have become rare. This program would re-ignite such prospects and create opportunities to learn skills that could	(
				opportunities have become rare. This program would re-ignite such prospects and create opportunities to learn skills that could enhance employment opportunities, spur economic development, and sustain families along the coast. We should, and must	ł											
				enhance employment opportunities, spur economic development, and sustain families along the coast. We should, and must provide an EQUAL OPPORTUNITY restoration, one that ensures ALL RESIDENTS a chance to benefit from the experience and	ł											
				enhance employment opportunities, spur economic development, and sustain families along the coast. We should, and must provide as FQUAV OPORTUNITY restoration, one that ensures ALL RESIDENTS a chance to benefit from the experience and knowledge gained through the recovery and restoration process.	9											
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Research and Education	2066 10/24/2011 Long-Term Recovery of Gulf Shoreburds and Waterbinds	NDAA Project IIB 11413: This collaborative proposal supports three strategies that contribute to the life recovery of shorehold and coastal waterbid populations impacted by the oil spill, while ensuring such gains are sustained over the long-term. Specifically, the work proposed will: 3) Create and maintain nearly 28,000 acres of sesonal freshwater wetland habitat that completely address the habitat concentration (japs)'s for the important shorehold species, as well a provide demonstrable benefits to an additional 41 species of shoreholds, waterbirds, and waterfow affected by the oil spill. 2) Increase the regional benefits to an additional 41 species of shoreholds, waterbirds, and waterfow affected by the oil spill. 2) Increases the regional benefits to an additional 41 species of shoreholds, waterbirds, and waterfow affected by the oil spill. 2) Increases the regional spill to 10,000 54,000 birds by improved management of critical nesting and stopover habitat along the Guif and Affantic coasts. J I straue tail population gains are suitaided through hone time stearchaft of the kry habitat, thereiny avoiding a common shortcoming of conservation actions - that is, diminishing returns over time because of tak of resources to maintain those initial populations affected by the Deparative Totricon oil spill. These strategies an mutat to complement, of duplicites, other activities (e.g., coastal marks and barrier island resource) to failed through hone constrained in the strate and through the latention of additional through the area failed on one transmitter baland mutation science. Strategies are mutation complement and through the oil spill. Those innovative investments, developed and implemented collaboratively with federal, state, and private partners, reveal ted in ungreedended gain in habitat tenhancement, restoration, and factoritor, incit and gametation of affected by the oppulations affected of the Deparative transmitter to constration of the science bard partners integet the state partneri	Guif of Mexico	Yes	Νο	No	No 1	io Ye	5 No	N	Yes	\$77,900,000,000 \$ -			
Research and Education	2075 7/18/2014 MS Observing and Modeling Restoration Network (MSOMRN)	In porticities issues for adaptive costal policy and management, asses damage due to natural and man-made disates, inform restoration projects, and evaluate long term trends. Furthermore, ecosystem monitoring information can yield the true value of ecosystem services to the Gulf which in turn can lead to resource management and regulatory decisions that consider the effects of those decisions based on a more complete set of economic factors. This information is critical to resource management and regulatory decisions that consider the engineering of those decisions based on a more complete set of economic factors. This information is critical to resource managers and decision-makers having regulatory, management, protection, and emergency responsibilities. Over the past three decades, the Gulf of Mexico and its costal communities have been impacted by increasing anthroppenic influences, the cance the Gulf sopports baced variety of interests, any of thereings, and to device and the set of the set o	Hancock, Harrison, Jackson, St. Tammany , Mobile	Yes	Yes	Yes	Yes 1	es Yé	s Yes	20 Y	5	\$ 47,000,000.00 \$ -			
Research and Education	2076 7/23/2014 MS Living Marine Resource Sectoration Network (MSLMRRN)	A COMPREHENSIVE AND INTEGRATED DESERVATION, MONITORING, MARPING, AND MODELING FLAN FOR MISSISSIPPI Sustained, multi-disciplinary ecosystem monitoring facilitates which provide an understanding of the state of the Gulf ecosystem and how its components change over time are citically needed. Results from monitoring offorty yeld baseline data that can provide early warning of potential environmental variability, perturbations, and concerns. The information can be used to prioritiz issues for adaptive coasting of potential environmental variability, perturbations, and concerns. The information can be used to prioritiz issues to the Gulf which in un can lead to exource management and regulatory decisions that consider restoration projects, and evaluate long-term trends. Furthermore, ecosystem monitoring information can yield the true value of ecosystem services to the Gulf which in un can lead to exource management and regulatory decisions that consider effects of fluxe decisions based on a more complete set of economic factors. This information is citical to resource management and ecision-makers having regulatory, management, protection, and emergency responsibilities. Over the past three decades, the Gulf of Mexico and its costati communities have been impacted by increasing antihorogenic influences, cause the Gulf sognators based variety to prophe, nervy extraction, and costati development. The impact of server storms, actual to quice the server storms and sequiling mission when the emitpact can exicus at during or environmental and economic concerns. A fully integrated and sustained observing system that includes ecosystem, concernagenicia, add localidga parameters works and expediting mission when the meat sizes (e.g., eliontig sufficient of making certain ecological decisions. Present technology is available to provide Acerval timedita and offshore resources (during various operations (e.g., oil and gas exploration and exertations, maritime operations, mercational boating and richtoring ecosys		Yes	Yes	Yes	res 1	es Ye	s Yes	20 %	5	\$ 49,000,000,00 \$ -			
Research and Education	2085 7/30/2014 MS habitat Characterization Restoration Network (MSHCRN)	A COMPRETERSIVE AND INTEGRATED DESERVATION, MONITONING, MAPPING, AND MODELING FLAN FOR MISSISSIPPI Sustained, multi-disciplinary ecosystem monitoring facilitates which provide an understanding of the state of the Gulf ecosystem and how its components change over time are critically needed. Results from monitoring offorts yield baseline data that can provide early warning of potential environmental variability, perturbations, and concerns. The information can bused to prioritiz susses to the Gulf which its multi-antical transmitty, perturbations, and concerns. The information can yueld to prioritiz susses to the Gulf which its multi-antical transmitty, perturbations, and concerns. The information can yueld to prioritiz susses to the Gulf which its multi-antical to perturbations. The information can yueld the true value of ecosystem services to the Gulf which its multi-antical to ecosystem many and regulatory decisions that consider the effects of hose decisions based on a more complete set of economic factors. This information is circle to pressure management decision-makers having regulatory, management, protection, and emergency responsibilities. Over the past three decides, the Gulf of Mexico and Its costal communities have been impacted by increasing anthroughenic influences, because the Gulf supports based variety of interests, any of theremizes, and change development. The impact of server storms, sch as torpical cyclones, has increased as scalevel rese, land subided, and storm buffering costalt wardina services care the Gulf supports based variety to prophysical and offshore resources (during virious operations (e.g., oil and gas exploration and exercation, maritime operations, necreational boating and (this torpeoils and costalt and offshore resources (during virious gervic) decision of potential problem and explaining mitigation when the eartise (e.g., eliontly important habitat and species, assess status of indicator species). Clinitatogical databases or monthy averages are not suffici	Harrison, Jackson, Hancock, Mobile, St. Tammany	Yes	Yes	Yes	Yes A	es Ye	s Yes	20 %		\$19,000,000,00 \$ -			

AM200 AM200 MA000 MA0000 MA000 MA0000 MA0000 MA0000 MA00000 MA00000 MA0000000000	Education	36 7/30/2014 MS Indicators of Stress	A COMPREHENSIVE AND INTEGRATED OBSERVATION, MONITORING, MAPPING, AND MODELING PLAN FOR MISSISSIPPI	Hancock.	Yes	Yes	Yes	Yes v	Vor	Yes	20 Vec	\$ 7,000,000.00 \$ -	
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Hutching X Normalization Selection Managements			affecting Mississippi waters. These eight sections areas are:										
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Rando M 121 VL/201 Impact of explored in the interpret of the location particle in the interpret of the locati the interpret of the location particle in the interpr			Each site will require a different prescription to solve the erosion problem. Site locations will need to be identified and										
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Reserved with a set of the set of t				1									
Result of all set is a large desire for the stars and marks, there desires and a large desires and large desire and a large desires and large desires and l			managing crop residue, tree planting, stream bank stabilization, and the creation and renovation of water impoundments to	1									
Note: A second secon			trap sediment prior to entering our streams and rivers. Some of these water impoundments could also be used for fire	1									
Revenue of a set o			protection.	1									
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Number 11 Second Sec			improvement in water quality for all species downstream as well as for the community候s long-term water quality.										
Image:			Some sites will experience unusual amounts of erosion during emergency storm events such as heavy rains, flooding and										
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A Probability of the second and properties is the second and properties is the second propert													
Image: Note: Note			overall reduction in erosion and improvement in the water quality of their watersheds. Many emergencies cannot be predicted	ι,									
Education Educat			but they will happen and the faster a community can respond, the less damage will result from those events.										
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Education Educat													
Circulation, and Waves on and four Sonder Sy 66000ES to measure various parameters such as temperature, disolved oxygers, salinity, turbidity, and Matches and Oyster Biol Matches and Oyster Biol Matches and Oyster Biol The sonders for the second year. Calculation for the second year. Calculation is the paired and the three sholes of mooring locations or line paired and the three sholes of mooring locations with the galacide and or stress is and/or matches, perferably in water deptits of at least 1.m. We plain to deploy moning a threathy reefs of matches and at unballey and Provide To and the resolution tetroworking also busined to the RESTORE council. Image: Restore and Restore Restore and Restore and Restore and Restore and Restore	Research and 212		We propose to deploy four moorings equipped with a downward looking RDI WorkHorse Sentinel ADCP to measure the	Harrison,	Yes	Yes	No	Yes Ye	s Yes	Yes	Yes	\$ 1,640,000.00 \$ -	
Marshes and Oyster Beds chlorophyl at different depths. The moorings will be elopsed on rou-pisser and through application of the SUMAW way prediction model. The moorings will be placed are oyster refs and or marshes prediction model to another bound on another mooring will be placed and or maryhes prediction model. The moorings will be placed apply moorings at the ability refs or encling marshes. Whether we choose refs or marshes may depend on recommendations from the ESTOBE council. If our mooring bactoms correctly are part of the 26X ADOP massurements, we will perform moring. These cuites will also be used to marshes may depend on recommendations from the ESTOBE council. If our mooring bactoms correctly are part of the 26X ADOP massurements, we will perform moring. These cuites will also be used to marshes may endicise that the mooring marshes massured using a filtration system. In addition we will click were reading another the set field. These relations of the set of the marshes at works the set of the set of the STOBE council as first ments to reduce costs. To calibrate the ESTOBE council as first ments to reduce costs. To calibrate the the STOBE council as first ments to reduce costs. The set were samples at values dependent to provide and a first ments to reduce costs. The set were samples at values dependent to provide and a first ments to reduce costs. The set were samples at values dependent to provide and approved ingit into the active governing processes. The set were samples at value of model diven linesteps of the somples of the set of the MASS base ment to provide and on system fronts on the Hydrodynamics of the Massissip BigHellet minister of Nave Philumes, Hurrinese and some fronts on the Hydrodynamics of the Massissip BigHellet minister and on depister to first were high and the were high and the set on grand the somples recorded with head to set of the MASS base ment to approve the samples of the samples were depised to addition of the set were depised to haddite were than a samples at value	Education		currents, Reynold stresses, and suspended sediment concentration (SSC), a Valeport MIDAS DWR Directional Wave Recorder,	Hancock									
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bed viability were not focal points, so within this proposal or MDNS model implementation for MS will be expanded to handle wetting and drying (Warner et al., 2013), and the sediment transport capabilities of the BOMS- based Coupled-Ocean-Atmosphere-Wave-Sediment Transport (COAWST) model system (Warner et al., 2010). The comprehensive set of in stu measurements will provide and for data sett at reveales the mechanisma associated with sediment, loaking within the MS, which will inform the development and viabilities of the advelopment and viabilities of the inter-shore media. Ultimate det ension and			modeling efforts submitted separately to the RESTORE council as "The Influence of River Plumes, Hurricanes and Storm	1									
wetting and drying (Warner et al., 2013), as well as wind-wave coupling and the sediment transport capabilities of the ROMS- based Couple-4 Ocean-Atmosphere Have-Sediment Transport system (Warner et al., 2010). The comprehensives set of in sub measurements will provide a rich data set that reveals key mechanisma associated with sediment loading within the MS, which will inform the development and validation of this near-shore model. With validated erosion and				1									
based Coupled-Ocean-Atmosphere-Nave-Sediment Transport (OAWNST) model system (Warner et al., 2010). The comprehensive set of in situ measurements will provide a rich data set that reveals key mechanism associated with sediment loading within the Kurkopment and validation of this ner-shore model. With validated erosion and				1									
comprehensive set of in situ measurements will provide a rich data set that reveals key mechanisms associated with sediment loading within the MS, which will inform the development and validation of this near-shore model. With validated erosion and			based Coupled-Ocean-Atmosphere-Wave-Sediment Transport (COAWST) model system (Warner et al., 2010). The	1									
loading within the MS, which will inform the development and validation of this near-shore model. With validated erosion and			comprehensive set of in situ measurements will provide a rich data set that reveals key mechanisms associated with sediment	1									
	_												
Research and 2219 9/26/2014 Quantifying Water Quality Since this project is Gulf wide, was interested in being consultations between just implementing same plantics. We have been been been been been been been be	Research and 212		Since this project is Gulf wide, was interested in being considered for Council funding; however, just implementing same	Harrison,	Yes	Yes	No	Yes Ye	s Yes	Yes	20 Yes	\$ 12,000,000.00 \$ -	
Education Using Remote Sensing for proposal in MS waters would be a great benefit to DMR and DEQ's day to day operations. Jackson, Hancock, Hancock	coucation		proposar in ivis waters would be a great benefit to Dwik and DEU'S day to day operations.	Haprork									
ine doub mealed The proposed effort will address the RSTORE Council priority area &cewater quality monitoring and improvement. #Effine St.		and sum of mickleo	The proposed effort will address the RESTORE Council priority area "Water quality monitoring and improvement.å€⊠The	St.									
project will focus on establishing a time series (2013 &C 2017) of satellite-based water quality products with improved spatial Tammany			project will focus on establishing a time series (2013 å€" 2017) of satellite-based water quality products with improved spatial	runnuny	y								
and temporal coverage. Water quality improvements to be achieved include detecting and monitoring: a) coastal river and Inad discharge points and impacts to estimative systems, b) spread and displation of points covered discharges, and a coverage discharge discharge discharge discharge discharges discharge disch				, Mobile									
land discharge points and impacts to estuarine systems: oj spregera and dissipation of point Source discharges; and c) tracking water quality charges from write discharge. The relicitent and effective clienction of public resources			water quality changes from river discharge. The project will provide for the efficient and effective direction of public recourses	1									
for the purposes of protecting public and environmental health. Present water quality monitoring programs are limited in the			for the purposes of protecting public and environmental health. Present water quality monitoring programs are limited in the	1									
spatial and temporal coverage and cannot rapidly address if abnormal water conditions are occurring. By combining with daily			spatial and temporal coverage and cannot rapidly address if abnormal water conditions are occurring. By combining with daily	1									
satellite properties this will be revended a sessment of atypical water quality evident with enhanced spatial etent. Decision makers will be provided a cassisment of atypical water quality evident with enhanced spatial				1									
extent. Decision makers will be provided a capability to regarding radietid and clean up actions. By continually satellite monitoring the impact of cleanup activities can be continged the mater can all the section of the impact of cleanup activities can be contracted by a section of the impact of cleanup activities can be contracted by a section of the impact of cleanup activities can be contracted by a section of the impact of cleanup activities can be contracted by a section of the impact of cleanup activities can be contracted by a section of the impact of cleanup activities can be contracted by a section of the impact of cleanup activities can be contracted by a section of the impact of cleanup activities can be contracted by a section of the impact of cleanup activities can be contracted by a section of the impact of cleanup activities can be contracted by a section of the impact of cleanup activities can be contracted by a section of cleanup activities can be contr				1									
commany statemet monitoring the impact of deanup activities can be commended that water quality has returned to normal conditions.		1 1	conditions.	1									
				1									
Outcome from this project will be improved water quality management in areas along the guif coast. Decision makers in each													
			Outcome from this project will be improved water quality management in areas along the gulf coast. Decision makers in each										
data with automates agontimis based in sext Available Science to tracitate critical decision based on timely and accurate Information.			state候s environmental quality agency will have access to an automated web based decision aid that uses real-time satellite										
			state候s environmental quality agency will have access to an automated web based decision aid that uses real-time satellite data with automated algorithms based in Best Available Science to facilitate critical decisions based on timely and accurate										
			state&** environmental quality agency will have access to an automated web based decision aid that uses real-time satellite data with automated algorithms based in Best Available Science to facilitate critical decisions based on timely and accurate information.										
Please see detail proposal with description, benefits, and tentative Partners Proposal is scalable from just MS waters to the			state&F* servironmental quality agency will have access to an automated web based decision aid that uses real-time satelline data with automated algorithms based in Best Available Science to facilitate critical decisions based on timely and accurate information. Please see detail proposal with description, benefits, and tentative Partners– Proposal is scalable from just MS waters to the										
Please see detail proposal with description, benefits, and tentative PartnersProposal is scalable from just MS waters to the entire Gulf of Mexico.			state&F* servironmental quality agency will have access to an automated web based decision aid that uses real-time satelline data with automated algorithms based in Best Available Science to facilitate critical decisions based on timely and accurate information. Please see detail proposal with description, benefits, and tentative Partners– Proposal is scalable from just MS waters to the										

Research and 2133 Education	10/1/2014 Surface Currents and Wave Monitoring for the Gulf of Mesico	hurricanes, coastal land loss, and navigation acidentis. Near real-time information on coastal ocan surface currents, waves and B, winds are an important element of a coastal ocean observing system necessary for mitigrating there inits and for protecting. Tar public health and safety, emergency response, the coastal economy and sustainable use of coastal resources. This environmental intelligence, which can be paired through a system of coastal High-Frequency Rader (HTR) stators, conf label and the specific statisticant and the specific statisticant and the specific statisticant of the spe	ncock, Ye nmany obile, kson, rison	es Y	Yes	No	Yes	Yes	Yes	Yes	20 Yes	\$ 20,000,000.00	5 -	
Research and 2139 Education	10/6/2015 Reduction in post hooking use turtle mortality	This proposal all develop new technology to reduce sas turtle montality by developing methods to remove finding from piers and strikes. The intermeding damagenet is a turtles from the water. This revented will be designed for indiver finding from piers and strikes. The foreign a history present is a turtles from the water. This revented will be designed for indiver finding from piers and strikes designed will not known to how the turtles of the piers and history present to the strike the hook. We will clock data and the piers and the strikes of the piers pie	kson, Ye ncock, rrison	es Y	Yes	Yes	Yes	Yes	Yes	Yes	25 No	\$ 500,000.00	5 -	
Education	10/28/2014 Synthesia and Decision Management Products	obscrution, Montoning, Mapping, and Modeling Plan for MS. We propose to imgement management stratey valuation (MSE) models consistent with the analytical needs of the Tar monitoring program. A MSE is a comprehensive model that includes the population dynamics of the resource, the economic domponents impinged by the resource (e.g., the fishery for an exploited resource, the busines for a framed aquaculture resource), such as aquaculture or marculuture operations; the value of ecosystem services for a keystone or foundational resource), such as aquaculture or marculuture operations; the value of ecosystem services for a keystone or foundational resource), and the management and policical structure leading to the definition and implementation or policy and regulation. The goal of a MSE is to evaluate, using a numerical model, a range of management options to determine the most effective disciplines, management agences, and regulatory bodies, and tyrically grounded in hard science issues, but influenced by a myritad of human and natral components of the system. We describe two examples of problems that would require an MSE model for effective decision management (1) Marine diseases increasingly affect the integrity of keyston, commercially important, and ecologically dominant species. Oyters, shrinn, and blue crabs are examples. Should we incorporate disease management in the management of or mitigate the damage caused by an episotic once it courcits. Amoves to these questions will allow MMSI is to private the challenges? How do we determine the BMP for any given event? Can we respond in a timely fashion to prevent expansion of or mitigate the damage caused by an episotic once its. Therm in hysters is a classics case whereaid afforcation, dow burcture, orgenetic connectivity, thereby institutionalizing significant conomic and esclogical damage, making the present-day initited level of preparadness of noteority courcits. Therm in oxysters is a classics case whereaid of generating a permanent regiment with towayth on	ncock, Ye nmany bbile,J son,H son	es Y	Yes	No	Yes	No	Yes	No	Yes	5 1,800,000.00		
Research and 2161 Education	6/1/2015 Mercury Methytaton Rates, lotopic Composition, and Trophic Transfer in the Northern Gulf of Mexico	Mercury Methylation Rates, isotopic Composition, and Trophic Transfer in the Northern Guilf of Mexico James Citäciel, Ph.D., University of Misistispip The Problem. There is a significant gap in understanling the sources and pathways of methylmercury (MeHg) entry into food webs in the northern Guilf of Mexico (GoM, This is of particular concern because, on average, residents of the Guilf Coast consume more marine flash than other U.S. residents, and because GoM fish tend to have higher levels Metg than fish from other coastine. J.2 Indeed, as much as 30% of the coasting population is estimated to exceed FAAR", reference does for MeHg, which is used as a criterion to protect human health. J Moreover, with the economy of the Guilf Coast tates intricately insked to the GoAM and through thing GoAM commercial and receitanding. Indextanding the distribution, news and coping of the species is vital to the long-term health and stability of the region. Recognizing this, the Kational Science and Technology distribution of the doad and the species of the species of the second long. News and coping of the species is vital to the long-term health and stability of the region. Recognizing this, the Kational Science and Technology of mitigating risk of the geoposure to humans. Yet there remains a passity of Mexico Pallocx. Neurori Workgroup, developed at White Paper titled AdoMercury fate and Transport. Applying Scientific Research to Reluce the Risk from Mercury in Guilf Mexico Science Statis the term is to coast any of the same scientific research priorities with begoal of mitigating risk of the geoposure to humans. Yet there remains a passity of mesurements of Metgi in the Guilf and virtually no materia in a key estimation to any site whete guestions. Dispectives. The objective of this work is to quantify and compare Metgi glevels, isotopic compositions, and Hg methylation rates in a key estimation and donoxident of Metgi (from sources through phytoplankton and other primary producent to fish. The educating and donoxid area	Ye	es Y	Yes	No	No	но	Yes	No	No	\$ 120,000.00	\$	

Research and 2164 11/6/20 Education	14 Monitoring and assessing the health of coastal marknes with remote sensing	Overview and Motivation: Costal marnhes are a critical habitat needed for a healthy Mississipi Gulf Cost. These marshes provide many ecosystem services including, buffers to damgen hurricane waves, habitat for breeding costal bries, and fittation for direnticial inclusion. Teaming and the Mississipi Gulf Cost. The Mississipi Gulf Cost in the Mississipi Gulf Cost in the Mississipi Gulf Cost. The Mississipi Gulf Cost in the Mississipi Gulf Cost in the Mississipi Gulf Cost. The Mississipi Gulf Cost in the Mississipi Gulf Cost in the Mississipi Gulf Cost in the Mississipi Gulf Cost. The Mississipi Gulf Cost in the Mississipi Gulf Cost in the Mississipi Gulf Cost in the Mississipi Gulf Cost. The remotely seared data to assess the markh gras entert, halth and vigor in the three costal Mississipi Gulf Cost. Use remotely seared data to assess the markh gras entert, halth and vigor in the three costal Mississipi Gulf Cost. The remotely acred markes cost and montor improvement to the ecosystem services. The Mississipi Gulf Cost, there must be a complete assessment of their extent, health and condition. This assessment must be completed for the entry Mississipi Gulf Cost and creat as project Decircipton: Before costal markes. Using the spectral data of these sensors, we can create indices that illustrate plant vigor and health. Where more detailed analysis is needed, high resolution, commercial statellite imagery will be utilad to create in depth analysis of costal markes. Using the spectral data of the is costal markes is needed to low the Mississipi Gulf Cost. The sensors are defined stating assessment of Mississipal Gulf Cost and create as project assessment of the costal markes. The editor process: A sweld-finded stating assessment is needed to now the Mississipi Gulf Cost. Here must be adjusted to base assessment of the intert stating data will be utiled to create an depth analysis of costal markes. The editor for the systemed data will require the editor of the markes will be custed for the systemet of the Mississip	St any e,J i,Pe	No	NO	No	No	Yes No No	\$ 65,000.00	***	
Education	La Environmental Geophysics Menterent for Coastal Restoration	Environmental Geophysics Measurements for Coastal Restoration Dr. Craig Hickey, Dr. Leonardo Macellon, Dr. Arne Diercks Description: The University of Mississippi proposes to employ relatively inexpensive acoustic, seismic, electrical and other geophysical surveying technolyses to collect dense suburface spatial information about barrier islands, marshlanda, and coastal environments that have been negatively impacted by human and natural events. This information will complianter information gathered from visual inspection, local sampling, and remote sensing, creating an more complete picture to inform coastal restoration efforts, including restoring vetlands and barrier islands, suig dredged sediments. Impacts to the Mississippi Guil Coast are due to human molecting shore and streams flowing into the Guil altering the sediment deposition patterns as well has natural events ach as hurricinaes which can alter large sections of the landscape. Mitigating or revensing these impacts redue to streams flowing and streams flowing into the Guil altering the sediment deposition patterns as well has natural revents ach as hurricinaes. Which can alter large sections of the landscape. Mitigating or revensing these impacts redue into flowing generalized squares than a straine is a streams flowing into the Guil altering the information is obtained by visual inspection and measurements behanded by local sampling. Spatially dense information is using spacial instruments to make certain physicial measurements (Brindand) and redue geologic information by using spacial instruments in advector and protectoring and surveice answere handbooks cerciting the visual coording information by using spacial instruments and the madure streams have handbook base been published on agricultural applications (ALL). Plans the chardbook base been published flow, provide sourcide publication of alternation and and the visual materia. Geophysicial ancellate with and and missing radiur, magnetics, as well as others. Most methods can be used on land, w	Ÿes	No	No	Yes	No	Yes No Yes	\$ 200,000,00	s -	
Research and 2168 11/7/20 Education	14 Guid of Mesico Education Outraeat: Training the Nex Generation of Environmental Health Managers	In recent year, direct and indirect anthropogenic impacts on Gulf of Mexico, and the Mississipi Sound, coastal acosystems of bare reached of site lives, in addition to the recent of site live region experiences nutrient enrichment and pesticides from agricultural run-off, metals and chemical pollutants from industrial discharge, and a variety of pharmaceuticals and personal care products from community waterswerts. These multi-treaces emphasize that as a takhedides and future generations of scientists deal with these increasingly complex environmental issues, they will need training in novel interdisciplinary skills and personal care industrial discriptions (e.g., Bestoration Management, Law and Policy). The Environmental Toxicology Research Program [TBP] at the University of Mississippi tutules these issues using a variety of genatizational effects.] J Fate & Tampson 1000 (Care) and Patranov), and we will apply these issues to scientific disciplines (e.g., Bestoration Management, Law and Policy). The Environmental Toxicology Research Program [TBP] at the University of Mississippi tutules these lissue using a variety of leximogene simulation and the clearly and multiple perspectives in the science (and and multiple perspectives in these core research areas. Participants will receive training and memory), and we liss cloarback of the onder loar in the science to any advisor to downard these to morth long summer science dividents to perspect (hermical and humble perspectives in these core research areas. Participants will receive training and memory here the Sciencitis as well collaborators in from thin togument science three indicas (backscience to perspect them to deal with carrent and future Gold health issues. Specifically, we will recruit interested students (buckgraduate and high school) and astabulades from future indives (backscients fourced lexicures and interview face data and the science to the science to any advise and benearch to science the science face and the science to advise advisory when they w	Yes	Yes	No	Yes	Yes	Yes No No	\$ 391,457,00	ş -	
Research and 2169 11/7/20 Education	14 Guil of Mexico Health Assessment: Instrumentation for Environmental Monitoring	Marine coastal communities of the Gulf of Mexico, and the Mississippi Sound, represent important commercial fishery grounds, as well as habitats that support threatened species and provide essential coastal protection and recreation opportunities. Recent natural and nathropogenei: testorson (including multiple Category Ja Hurricanes, as well is the Deep thorizon oil spill) to	Yes	Yes	No	No	Yes	Yes Yes 100 No	\$ 400,000.00	s -	

Research and 2170	11/7/2014 Monitoring the Health of	Hard-bottom reefs are crucial environments of the Gulf of Mexico, and the Mississippi Sound, that represent essential habitats		los Vor	No	Voc	Vor	No	No	\$ 294,392.00 \$ -		
federation 210	Coastal Gulf of Mississippi	India Social mession and characteristic and the sector of the Mississips solution, that represent essential naturals or many important fibers species, as well as the heatered minit line, and capations with produce characteristic components with multiple Caregory 3+ functiones, as well as the heatered minit line, and capations with produce characteristic components with multiple Caregory 3+ functiones, as well as the heater heater the sector of								<i>v £34,326.00</i> 3 ·		
Research and 2171 Education	11/7/2014 Monitoring the Health of Coastal Guil of Mealco Oyster Reefs	Optier reefs are crucial environments of the Gulf of Mesics, and the Mississippi Sound, that represent important commercial fishery species as well as biological sinks of anthropogenic contaminants. Recent natural and anthropogenic stressors (including the Mississippi Sound, that represent important commercial multiple Category a humicanes, as well as the Deep Notron (signil) to GM owner reefs have resulted in significant damage and loss of these critical commercial resources. Thus, the restoration and management of these important cooxystems along the Mississippi cation is sourced from the site of the site of the site of these important cooxystems along aloned deploymental Toxicology Research Program [TRPP] proposes to develop an environmental monitoring program along the MS coastline to cause of none year, for the following fate and transport analyses: 1) fecal collorm invekt, 2) PAH concentrations. J heavy metal profiles indicate source are and athropogenic contaminants (e.g., endocrine disruptors). In addition, well month to the vater of the important cooxystem along exployment to the site statistica, as well as collision (such daving the addition, and hub presence indicative datas (e.g., changes in proceed, such addition and plan). The data will be analyzed using appropriate toronge and inform encommentari in work calls, and hub presence of the important counter, such addition and hubit retractation, while worken the equility the estation of the englonal tabahoders. While we recommend complete coverage of MS organizer (e.g. is possible that regional result tabahoders. While we recommend complete coverage of MS organizer (e.g. is possible that regional resource analyses to social of the site offs of offs of the site offs of dational and experiment of additional site horders. The regional tabahoders and present is developed present additional site adving and the implacement of water refers of a social model and hubit restrictations on the data from that study can drive models for additional site throughout t		res Yes	No	Yes N	o Yes	No	No	\$ 287,192.00 \$ -		
Reserch and Education 2172	11/7/2014 Monitoring the Health of Coastal Gulf of Mexico Seagnoss Beds	Seagrass beds are crucial environments of the Gulf of Mexico, and the Mississippi Sound, that represent essential habitats for mary important finhery species as well as threatened marine life, biological sinks of nutrients and anthropogeneic contaminants, and buffers for coast envision and source markers. The environment is tensors of including multiple Category 3 + humicanes, as well as the these phorizon oil spill to GoM seagrass communities have resulted in significant diamage and loss of excitation revisions and stakeholders. Our team of mains cellulatis is cellulated and strongogeneic stressos (including multiple Category 3 + humicanes, as well as the these including the stressos (includings from LMAC ⁺) to consist the composition of spill to GoM seagrass communities. Specifically, at each stressos (including from LMAC ⁺) to constitute the constraint of the stressos (including from LMAC ⁺) to constitute the encounces of the stressos (including from LMAC ⁺) to constitute the encounce of one year, for the following thet and transport regulates seawater and sediment samples (n=10 ea), monthly over the course of one year, for the following that and transport anatyres: 1) feed collome levels, 2) Park uncentrations, 3) have yield in policy for the seagrass community statticts, as well as community political tools, and a final person well be provided to the apportant encource managers to encource and inform improvements in water quality remediation and habitat restoration, while outreach lectures will be encource and inform improvements in water quality remediations for the regional stacholders. While we recomment complete coverage of MS seagrass besits, it is possible that regional resource managers may with to focus the bidget provided regressits the aforementioned sampling regime for a single site only. This project can stand alone based on the efforts of a UM field dolection may, as well as the biotatory efforts of the UTETTH. However, value added mapping and/or tissue analyses options are w		Yes Yes	No	Yes N	o Yes	NO	No	5 287,192.00 5 -		

Research and Education	2173	11/7/2014	of Mississippi Sound and	Background The Mississippi Sound and surrounding estuarine areas comprise a large portion of the State territorial waters in a unique geological, physiographic, and economic setting. Vast urbanized coastal areas adjacent to natural and recreational areas adjacent to very shallow water (0-15m) make seabed characterization very challenging. Tratitional marine geophysical methods emolowine seismocostic devices suffer storus absoration rom the overwhell encars sediment seaforo. and/or exercisence	Hancock, Harrison, Jackson	Yes	Yes	Yes	Yes	No	Yes 1	No	Yes	\$ 125,000.00	ş -	
				employing esonibaculatic devices surfer strong alsorption from the prevalent coarse esoniment seatiod, and/or experience high noise levels from signal bounding in the shallow water, while nearly land requires integration of offshore/onshore geophysical methods (i.e. Lidar topography/multiblesm bathymetry, marine/land resistivity). Project goal The project is designed to employ innovative geophysical/geological methods to characterize the geology and morphology of Mississipp Sound and its important tributary estuaries. Geophysical and geological data integration will facilitate the creation of multi-articular geomodel and provide the fundamenta baseline for restontion/sustainability activities including marine geo- haards assessment, ecosystem assessment and restoration, contaminants mapping, marine infrastructures, sediment dynamics, beach nourithment, etc.												
Research and Education	2174	11/7/2014	Assessing fish stocks using horizontally scanning sonar	Description: Restoration of the aquatic habitats of rivers draining into the Mississippi Sound, and of the Sound Itself, is a goal of significant interest to the people of Mississippi. Improving the quality and quantity of fish stocks can be have a major economic impact on the Guif region by enhancing both sport and commercial fishing industries. The purpose of this proposal is to provide a low- cost, autonomous device for the acquation of the data needed by the Mississippi Department of furvionmental Quality (MDEQ) and other stakeholders to monitor the physical condition of near-shore and coastal fiberies, thereby providing a mettic of assessing the proposes and utilimate development offers. It is also with noing that the proposed development truthing predictors of impact with observational data. We are proposing to leverage the considerable expertise acquired at the National Center for Physical Acoustics (NCA) and the University of Mississippi (UM) during its pervisors federally funded nessearch and development project on the counting and sizing of catfain stocks in commercial data. We are proposing to leverage the considerable expertise acquired at the National Center for Physical Acoustics (NCA) and the University of Mississippi (UM) during its pervisors federally funded nessearch and development project on the counting and sizing of catfain stocks in commercial actifue points to perform a similar task in view of asting in the Mississippi Sound or in the sound teal. Attributed and the sound task in the data stock in the data stock of the sound teal of the sound at the sound task in the data stock in the data stock of the sound teal. Attributed at the sound task in the data stock in the data stock of the data stock of the data stock of the sound teal. Attributed at the sound task in the data stock in the data stock of the data stock in the data stock in commercial data has and the Sound task in the data stock in the data stock in the sound teal. Attributed at the sound task is the data sto		Yes	No	No	No	No	Yes 1	NO	No	\$ 215,000.00	Ş -	
Research and Education	2176	11/11/2014	An Economic Impact Time- Series Model of the Wid Siming Frishery in Coastal Mississippi		Harrison	Yes	Yes	No	No	Yes	NO Y	res 1	16.7 Yes	\$ 600,000.00	\$ -	

Bocoarch and	2177	11/11/2014	An Economic Impact 71	Brief Title: An Economic Impact Time-Series Model of the Wild Crab Fishery in Coastal Mississippi	Harrise	Ver	Voc	No	No	Vor	· · ·		Voc	£ 600.000 0		
Research and Education	21//	11/11/2014	An Economic Impact Time- Series Model of the Wild	oner nice. An economic impact time-series model of the wild clab rishery in coastal Mississippi	Harrison	16	185	140	140	Tes N		16.7	ies .	\$ 600,000.0	· · ·	
	1		Crab Fishery in Coastal	Point of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth.LaFleur@usm.edu, 228.214.3438 and Dr. Gregory Bradley,										1		
			Mississippi	Gregory.Bradley@usm.edu, 228.214.5402												
				Type of project:												
				Infrastructure Educational programX_ Research programWorkforce developmentx_Economic development Eco-Restorationx Seafood Other (Name):												
				developmentconvestorationsealoodother (Name).												
				Brief description of activities:												
				A series of man-made and natural disasters have impacted the wild crab fishery in coastal Mississippi, beginning with the impact	t											
				of Hurricane Katrina and continuing through the disaster recovery processes associated with the Mississippi River flooding and												
				opening of the Bonnet Carre spillway and the Deepwater Horizon Spill. The wild crab fishery is important to the history, culture and economy of Coastal Mississippi. The research project would estimate the economic impact of the fishery over a 20-year												
				period, as data become available. Economic impact analysis will begin with the 2003 harvest and continue through 2023. The												
				2003 and 2004 years will provide important "pre-disaster benchmarks†Monitoring and estimating the economic impact of	f											
				this fishery (both on the coastal counties and the state of Mississippi) will add to the body of knowledge on the financial												
				contribution of the fishery to these economies. Using established and conventional modeling software, a customized economic												
				impact model will be built and maintained for the lower six counties in Mississippi to support the research agenda. Among the outcomes will include changes in economic growth due to the industry, and related changes in jobs and income. The College of												
				Business will supply the business analytics to support the efforts of GCRL regarding the recovery and restoration of this fishery.												
				Notably, this series of models will serve as a prelude to the development of an economic impact forecasting model based on												
				expected commercial yield and other outcomes.												
				Location (City, County): Long Beach, Harrison County Infrastructure cost (# years): \$100.000 (1 year)												
Research and Education	2178	11/11/2014	An Economic Impact Time- Series Model of the Oyster	Brief Title: An Economic Impact Time-Series Model of the Oyster Fishery in Coastal Mississippi	Harrison	Yes	Yes	No	No	Yes N	o Yes	16.7	Yes	\$ 600,000.0	ş -	
Education			Fishery in Coastal	Point of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth.LaFleur@usm.edu, 228.214.3438 and Dr. Gregory Bradley,												
			Mississippi	Gregory.Bradley@usm.edu, 228.214.5402												
				Type of project:												
				InfrastructureEducational programResearch programWorkforce development _x_Economic												
				development Eco-Restorationx Seafood Other (Name):												
				Brief description of activities:												
				A series of man-made and natural disasters have impacted the wild oyster fishery in coastal Mississippi, beginning with the												
				impact of Hurricane Katrina and continuing through the disaster recovery processes associated with the Mississippi River												
				flooding and opening of the Bonnet Carre spillway and the Deepwater Horizon Spill. The oyster fishery is important to the												
				history, culture and economy of Coastal Mississippi. The research project would estimate the economic impact of the fishery over a 20-year period, as data become available. Economic impact analysis will begin with the 2003 harvest and continue												
				through 2023. The 2003 and 2004 years will provide important "pre-disaster benchmarkså€II Monitoring and estimating the												
				economic impact of this fishery (both on the coastal counties and the state of Mississippi) will add to the body of knowledge on												
				the financial contribution of the fishery to these economies. Using established and conventional modeling software, a												
				customized economic impact model will be built and maintained for the lower six counties in Mississippi to support the												
				research agenda. Among the outcomes will include changes in economic growth due to the industry, and related changes in jobs and income. The College of Business will supply the business analytics to support the efforts of GCRL regarding the												
				recovery and restoration of this fishery. Notably, this series of models will serve as a prelude to the development of an												
				economic impact forecasting model based on expected commercial yield and other outcomes.												
				Location (City, County): Long Beach, Harrison County												
	-			Infrastructure cost (# years): \$100,000 (1 year)												
Research and	2179	11/11/2014	A Comprehensive	Brief Title: A Comprehensive Economic Impact Time-Series Model of Tourism Activities in Coastal Mississippi	Harrison	Yes	No	Yes	Yes	Yes N	0 <mark>No</mark>		Yes	\$ 15,000,000.0	ş -	
Education	1		Economic Impact Time- Series Model of Tourism	Point of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth.LaFleur@usm.edu, 228.214.3438 and Dr. Gregory Bradley,										1		
			Activities in Coastal	Gregory.Bradley@usm.edu, 228.214.5402												
			Mississippi													
				Type of project:												
				Infrastructure Educational programx_ Research programx_ Workforce development _x_ Economic												
				development Eco-Restoration Seafoodx Other (Name): Tourism												
1	1	1	1	Brief description of activities:	1									1		
	1													1		
1	1	1	1	The tourism industry is known to be a significant component of the economic activity portfolio on the Mississippi Gulf Coast.	1									1		
	1			One unique and significant aspect of the tourism industry in coastal Mississippi is the combination of a coastal environment and										1		
	1			casino gaming. With limited resources, it is vital to invest in areas that yield the highest lifetime economic impact and to										1		
	1			diversify where possible. However, there is no known comprehensive time-series assessment of the economic impact of tourism activities by sector in coastal Mississippi, nor is there any known collective effort to better understand who visits										1		
	1			coastal Mississippi and why. The research project would model the economic impact of tourism activities annually over a ten-										1		
	1			year period in coastal Mississippi and, subsequently, on the State of Mississippi. This project would also entail measuring										1		
	1			behavioral perceptions and intent throughout this period. Among others, primary sectors in the overarching time series										1		
1	1	1		assessment would include casino gaming, beach and marine-related tourism, festivals and other annual events, eco-tourism,	1									1		
	1			arts and museum tourism, sports tourism, and wildlife tourism. Using established and conventional modeling software, a										1		
	1			customized economic impact model will be built and maintained for the lower six counties in Mississippi to support the research agenda. Economic impact analyses will be conducted in the aggregate and by tourism segment to determine the										1		
			1		1									1		
				effects on all sectors of the economy to include support amenities such as restaurants and bars, and hotels and lodging. Among the outcomes will include changes in economic growth, and related changes in jobs and income. The College of Business will					_							
									_							

Research and	2180 11/11/2014	A Comprehensivo	Brief Title: A Comprehensive Economic Impact Time-Series Model of Recreational Marine Activities in Coastal Mississiopi	Harrison	Voc	Vec	Voc	Voc	Vec	No	No		95	\$ 9,500,000.00 \$		1
Education	2100 11/11/2014	Economic Impact Time-	oner mach w comprehensive economic impact rimersenes woder or recreational warme weavilies in Coastal Mississippi									Te		\$ 3,300,000.00 \$	1	
		Series Model of	Point of Contact, email and Phone #: Dr. Elizabeth LaFleur, Beth.LaFleur@usm.edu, 228.214.3438 and Dr. Gregory Bradley,												1	
		Recreational Marine	Gregory.Bradley@usm.edu, 228.214.5402													
		Activities in Coastal Mississippi	Type of project:													
		masasppi														
			Infrastructure Educational programx_ Research programWorkforce development _x_Economic													
			development Eco-Restorationx Seafood Other (Name):													
			Brief description of activities:													
			Marine recreational activities are abundant on the Mississippi Gulf Coast, and this 倜blue economyå€ils widely believed to significantly impact the local and state economies. However, there is no known comprehensive assessment of the economic													
			impact of these coastal activities in Mississippi. Through extensive primary data collection, this research project would model													
			the annual economic impact of coastal marine recreational activities over a ten-year period on both coastal Mississippi and the													
			State of Mississippi. Activities in the annual assessment would include recreational fishing, onshore and offshore charter													
			boating, big game fishing tournaments, recreational boating, and recreational activities on marine and inland waterways. Using established and conventional modeling software, a customized economic impact model will be built and maintained for the													
			lower six counties in Mississippi to support the research agenda. Annual economic impact analyses will be conducted in the													
			aggregate and by activity segment to determine the effects on all sectors of the economy to include support amenities such as													
			boat sales, bait sales, marine equipment sales, harbor revenue, etc. Among the outcomes will include changes in economic growth, and related changes in jobs and income. The College of Business will supply the ongoing business analytics for this													
			effort, which fills a significant and critical research gap in this area.													
			Location (City, County): Long Beach, Harrison County Infrastructure cost (# years): None													
Research and	2181 11/11/2014	Continuous record of water	r The goal of ecological restoration is to provide a productive and sustainable ecosystem that results in the increase in	Jackson,H	Yes	No	No	No	Yes	Yes	No	N	lo	\$ 380,000.00 \$		+
Education		quality for evaluating	biodiversity and nutrient retention. In near shore marshes, plant diversity and species differences lead to carbon sequestration,													
		restoration impacts (nutrients, trace metals	changes in water quality and nutrient retention. However, such wetlands are generally either nitrogen or phosphorous limited													
			and the availability of these essential nutrients affects plant community type and species richness. Therefore, an essential step in the restoration of Mississippi Sound is to understand the temporal aspect of water quality before and during restoration													
		physical measurements)	projects.													
			Water quality indexes have been based on measurements of DIN, DIP, chlorophyll a, water clarity, and dissolved oxygen; however. because no DIP sensors are available such measurements are made on discrete samples and the availability of sending													
			people to sea. As a result there are limited temporal observations especially on hourly to daily time-scales and when weather is													
			bad. In contrast, studies of submersed aquatic vegetation (SAV) typically focus on off-the-shelf sensors (temperature, salinity,													
			pH, DO, turbidity, light attenuation), but lack critical information about nutrient concentrations.													
			To deal with theses shortfalls, we have been developing and utilizing continuous fluid samplers (OsmoSamplers) for oceanic,													
			estuarine, riverine, and land-based borehole research (Wheat et al. 2011). OsmoSamplers use osmotic gradients to draw fluids													
			into small-bore tubing (Jannasch et al., 2004). Such systems have been designed for studies lasting days (samples every 15 minutes) to 5 years (samples every week). Samples also can be preserved in situ to stabilize dissolved metals, nutrients and													
			minutes) to 5 years (simples very wear) samples uso can be preserved in site to stability answer metals, national and microbial community structure (Robidart et al., 2013).													
			We propose to deploy new state-of-the-art water quality monitoring systems that couples standard sensor measurements with OsmoSamoler systems that are specifically designed to preserve fluids for nutrients, trace metals, and microbial community													
			structure. We move beyond standard nutrient measurements to included trace metals and microbes. Trace metals can be toxic													
			and are mobilized by excretion of salt glands in Spartina alterniflora and contaminated and natural sediments the latter resulting													
			from changes in redox state. Samples also will undergo standard microbial analyses with a particular interest in Ecoli, an indicator species for human health issues. However, the entire biome will be assessed because not much is known about the													
			temporal aspects of microbial structure and function in these environments.													
																1
Research and	2182 11/11/2014		The goal of ecological restoration is to provide a productive and sustainable ecosystem that results in the increase in	Mobile,Ja	Yes	No	No	No	Yes	Yes	No	N	lo	\$ 280,000.00 \$		
Education		Subsurface Water Quality (Nutrients Metals Salinity	biodiversity and nutrient retention. In near shore marshes, plant diversity and species differences lead to carbon sequestration, changes in water quality and nutrient retention. However, such wetlands are generally either nitrogen or phosohorous limited	ckson,Har rison												
			and the availability of these essential nutrients affects plant community type and species richness. Within marsh environments													
		(Boreholes)	nutrients and availability of water affect plant zonation as a function of competition, physical stress and nutrient limitation.													
			Therefore, continuous monitoring of these constituents is essential for restoration projects in Mississippi Sound to understand the temporal aspect of water quality before and during restoration projects and to elucidate the effect of tidal forcing on the													
			subsurface environment. For example, temporal monitoring within sandy march and coastal aquifers show a tidal influence on													
			nutrient consumption and microbial productivity within the system (e.g., Sansone et al., 2008).													
			We propose to deploy novel sampling and sensor capabilities in pelsometer (boreholes) within and near restoration projects to												1	
			monitor nutrient, trace metal, salinity, and water level in the subsurface. Such data will provide an indication of water flow,												1	
			availability of fresh water, the transport and consumption of nutrients, and the mobilization of metals in response to changes in	1												
			redox state and productivity of microbial communities within sediment. This proposed work goes beyond standard analyses to include trace emtals because mobilization of urban and industrial sources of trace metals (e.g., Fe, Mo, Cu, Cr, Pb, Zn, Cd, and												1	
			Hg) through natural redox changes can reach concentrations that are detrimental or toxic in tidal creeks, watersheds, and in the													
			subsurface.													
			The novel system that we propose to deploy couples standard sensor measurements with OsmoSampler systems that are												1	
			specifically designed to preserve fluids for nutrient and trace metal concentrations. OsmoSamplers are continuous fluid												1	
			samplers that have been utilized for oceanic, estuarine, riverine, and land-based borehole and piezometer research (Wheat et												1	
			al. 2011). OsmoSamplers use osmotic gradients to draw fluids into small-bore tubing. The slow pump rate and small bore result in plug flow, minimizing dispersion (Jannasch et al., 2004). Such systems have been designed for studies of days (samples every												1	
			in plug flow, minimizing dispersion (Jannasch et al., 2004). Such systems have been designed for studies of days (samples every 15 minutes) to 5 years (samples every week) and can be designed to preserve samples in situ for later laboratory-based analysis													
			of dissolved metals.												1	
			We propose to deploy 4 units in representative environments within Mississippi Sound proposed restoration projects for one												1	
↓	I	I	we propose to deproy 4 units all representative environments within anisassippi sound proposed restoration projects for one	I										I		1

Research and																
	2183	11/11/2014 RETINA: A K-6 STEM	Restoration and monitoring projects in Mississippi Sound require STEM (Science, Technology, Engineering, and Mathematics)-	Pearl	Yes	No	No	No	Yes	Yes	Yes	20 Yes	\$ 570,000.00	\$ -	STEM Curr	iculum
Education		(Science, Technology,	trained personnel and a community that appreciates the benefits of a healthy ecosystem; however, there is a deficiency in both	River, Was												
		Engineering, and	that could stunt the growth, continuity and quality of proposed restoration projects. To address these deficiencies and to	hington.H												
		Mathematics) Program for	position Mississippi for the future we need to develop a childâ€ [™] s capacity to develop theory-based learning, which is inherent													
		Mississippi	and can be fostered by promoting curiosity and by exposing them to a spectrum of experiences. Such experiences play a vital	one,St												
			role in achieving proficiency in science understanding, but unfortunately, a myriad of budgetary and socioeconomic reasons	Tammany												
			limits opportunities for youth, leaving many economically disadvantaged students trailing in STEM fields (NRC, 2007).	.Mobile J												
				ackson.Fo												
				rrest.Perr												
			To meet these challenges The RETINA Program provides schools with a cost-effective and administratively beneficial way to													
			broaden the scope of student exposure through its STEM curriculum. The RETINA Program is a 50-minute per day program that	y,Harriso												
			lasts 5 days. The Program blends formal classroom instructional activities with hands-on, skill development in a team-based	n.George												
			setting conducted by the teacher and guided by national science standards that are set for each grade (e.g., ecology and water	,												
			quality). There are four different activities per grade that are presented during the first four days. Activities are chosen with the													
			intention of integrating technology under the umbrella of a scientific process and are designed to provide consistency and a													
			continuum of difficulty among the grades. The program focuses on interactive participation in the design and development of													
			simple robotic and sensor systems, providing a range of challenges to engage all students through project-based learning and													
			provide a medium for communicating interest, experience, and challenges on the fifth and final day of the program.													
			The RETINA program has been designed, modified, and tested in several diverse schools in California and Vermont. It is now													
			posed to expand. Because RETINA's hands-on activities require (1) components that may be prohibitively expensive in													
			today候s educational fiscal climate, (2) secure storage space, and (3) technology-savvy individuals to maintain systems, the													
			RETINA Program is designed as a traveling program that gives many students access to the same resources. We propose to (1)													
			supply two towed cargo vans with all of the materials necessary for teachers to conduct the educational modules, (2) provide													
1	1		educators with program materials (lesson plan, PowerPoint presentations, homework, instructional videos, and images) and	1												
1	1		STEM professional development sessions, (3) introduce the RETINA Program within school systems to engage students, and (4)	1												
	1		organize a community service organization to provide technical and logistical support to maintain and refurbish modules and to	1												
	1		transport cargo vans from school to school.	1												
				-												
Research and	2184	11/11/2014 Marine data collection	Overview and Motivation: The collection of restoration science data in the Mississippi Gulf Coast will require the development	Hancock,	Yes	No	No	No	No	Yes	No	No	\$ 425,000.00	ş -	1 1	
Education	1	design competitions for	of innovative new sensors and deployment platforms. New sensors are needed to efficiently collect important chemical and	St											1 1	
		Mississippi〙s	biological data to characterize the health of the Mississippi Sound Estuary. In addition to the sensor designs, new, low cost	Tammany												
		engineering students	deployment platforms are needed to provide the vehicle to integrate the sensors into efficient data collection systems.	,Mobile,J												
		engineering students	deployment platforms are needed to provide the vehicle to integrate the sensors into encient data collection systems.													
				ackson,Pe												
			Project Goal: Create a yearly design competition among engineering and engineering technology students at all Mississippi	arl												
			universities that will address the needs of the restoration science community and provide critical science data.	River,Orle												
			· · · · · · · · · · · · · · · · · · ·	ans.Harris												
				ans,nams												
			Project Description:	on												
			Collecting ecosystem data in a marine environment requires interdisciplinary engineering design to create compact and robust													
			platforms that can be easily deployed and recovered. These data collection platforms must operate in the marine environment													
			of currents, salinity and interference from fishing boats. The design of marine data collection platforms will require students to													
			work as teams with representatives from different engineering disciplines.													
			work as teams with representatives from different engineering disciplines.													
			Based on the requirements developed yearly by the restoration science community, students at Mississippi universities will													
			research and design solutions for new data collection platforms. These designs will be judged by a committee from the													
			university and restoration science community and a prototype of the winning design from each university will be built. The													
			prototypes will be judged and the winning design will be built and deployed to collect the needed data.													
1			prototypes will be judged and the winning design will be built and deproyed to concer the needed data.													
1																
			The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building,													
			The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering marine data collection platforms. We will use this expertise and the resources of the MMRI Marine													
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			The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shop to build multiple copies of the winning design, deploy and recover them in the Mississippi Gulf Coast. Budget and Timeline													
			The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering marine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shop to build multiple copies of the winning design, deploy and recover them in the Mississippi Guil Coast. Budget and Timeline Each team would be supplied with a budget of \$1500 per year for materials and supplies. The cost of working prototypes, with													
			The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shop to build multiple copies of the winning design, deploy and recover them in the Mississippi Gulf Coast. Budget and Timeline Each team would be suppled with a budget of 51500 per year for materials and supplies. The cost of working prototypes, with a linitrournest, would be dependent on the cost of required instruments and is estimated to be 51000 per year. The cost to the cost of the cost of the stimulate instruments and is estimated to be 51000 per year.													
			The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering marine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shop to build multiple copies of the winning design, deploy and recover them in the Mississippi Guil Coast. Budget and Timeline Each team would be supplied with a budget of \$1500 per year for materials and supplies. The cost of working prototypes, with													
Research and	2185	11/11/2014 55-ROV Summer Comm -	The Mississippi Mimeral Resources institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shop to build multiple copies of the winning design, deploy and recover them in the Mississippi Gulf Coast. Budget and Timeline Each team vould be supplied with a budget of 51500 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent on the cost of required instruments and is estimated to be 5150000 per year. The cost to ulid, deploy and recover the final winning design is estimated at 250000 per year, including instruments, for a year/cost of	1 Hancock	Yes	No	No	No	No	Yes	No	Yes	\$ 40.000.00	s -	STEM Gurr	suum
	2185	11/11/2014 55-ROV Summer Camp	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology sho to build multiple copies of the winning design, deploy and recover them in the Mississippi Gulf Coast. Budget and Timeline Each team would be suppled with a budget of \$1500 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent on the cost of required instruments and is estimated to be \$150,000 per year. The cost to build, deploy and recover the final winning design is estimated as \$250,000 per year, including instruments, for a yearly cost of Restoration and monolinging grazimars. If Mississippi requires ITM (Science, Technology, Engineering, and Mathematics) - traineet		Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	\$ -	STEM Curr	culum
Research and Education	2185	Take the Plunge into a	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering marine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shop to build multiple copies of the winning design, deploy and recover them in the Mississippi GuIf Coast. Budget att Timeling the supplies of the winning design, deploy and recover them in the Mississippi GuIf Coast. Budget att Timeling the supplies with a budget of \$1500 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent on the cost of required instruments at distinuated to be \$150,000 per year. The cost to usid, deploy and recover the final winning design is estimated at \$250,000 per year, including instruments, for a yearly cost of Restoration and monitoring programs in Mississippi require STEM Science, Technology, Engineering, and Mathematic). Traine personnel and a engiltence, educated community that is cognized of the need for a healthy costal ecosystem, however,	Stone,St	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	ş -	STEM Curr	cuum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology sho to build multiple copies of the winning design, deploy and recover them in the Mississipi Guil Coast. Budget and Timeline Each team would be supplied with a budget of \$1500 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent on the cost of required instruments, and is estimated to be \$150,000 per year. The cost to build, deploy and recover the final winning design is estimated as \$250,000 per year, including instruments, for a yearly cost of Restoration and monitoring rograms. In Mississippi requires TIM (Sience, Technology, Engineering, and Mathematics) - traineer personnel and an enlightened, educated community that is copitiant of the need for a healthy costal ecosystem, however, mere is a deficine, in both that could sut the growth, continuity and quality of such proposed programs. Middle school	Stone,St Tammany	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	\$ -	STEM Curr	culum
	2185	Take the Plunge into a	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering marine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shop to build multiple copies of the winning design, deploy and recover them in the Mississippi GuIf Coast. Budget att Timeling the supplies of the winning design, deploy and recover them in the Mississippi GuIf Coast. Budget att Timeling the supplies with a budget of \$1500 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent on the cost of required instruments at distinuated to be \$150,000 per year. The cost to usid, deploy and recover the final winning design is estimated at \$250,000 per year, including instruments, for a yearly cost of Restoration and monitoring programs in Mississippi require STEM Science, Technology, Engineering, and Mathematic). Traine personnel and a engiltence, educated community that is cognized of the need for a healthy costal ecosystem, however,	Stone,St	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	ş -	STEM Curr	iculum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shop to build multiple copies of the winning design, deploy and recover them in the Mississippi GuIf Coast. Budget and Timeline Each team would be supplied with a budget of SIS00 per year for materials and supplies. The cost of working prototypes, with all instruments, would be degended to the cost of enguine instruments and estimated to be 5150,000 per year. The cost to build, deploy and recover the final winning design is estimated at S250,000 per year, including instruments, and be supplied to community the source of the supplication and monitoring programs in Mississippi require STEM SGLence, Technology, Engineering, and Mathematics): Tarbies personnel and an englithened, education community that is cognized of the need for a hashity coastal ecosystem, however, there is a deficiency in both that could stund the growth, continuity and quality of such proposed programs. Middle school tadents, in particular, are at the crossora detween a future in a STEM Career and one that typically lacks scientific and	Stone,St Tammany	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	ş -	STEM Curr	iculum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shows to be used to be used to be used on the other of the Mississipi Guil Coast. Budget and Timeline Each team would be supplied copies of \$15000 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent on the cost of required instruments, and is stimule to be \$150,000 per year. The cost to build, deploy and recover the final winning design is estimated as \$250,000 per year. Including instruments, for a yearly cost of Restoration and monitoring rograms. In Mississippi requires TIM (Sience, Technology, Engineering, and Mathematics) - trained personnel and an enlightened, educated community that is copizant of the need for a healthy costal ecosystem, however, newroremental influences. To engage this demographic, where we developed the SANO (Sealforo Stane) and ensorted suberisments. The monitory programs is demographic we have developed the SANO (Sealforo Stane) and ensorted suberisments. The monitory programs. Middle school students, in particular, are at the crossroad between a future in a STEM Career and one that typically lack science and Remotely devincemental influences. To engage this demographic, we have developed the SANO (Sealforo Stane) and Benetory devincemental futures. To engage this demographic, we have developed the SANO (Sealforo Stane) and Benetory devincemental futures. To engage this demographic, we have developed the SANO (Sealforo Stane) and Benetory devincemental futures. To engage this demographic, we have developed the SANO (Sealforo Stane) and Benetory devincemental futures. To engage the monitory and quality SANO (Sealforo Stane) and Benetory devincements and the stanes of the seale the stanes of the stane	Stone,St Tammany ,Jackson, Pearl	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	ş -	STEM Curr	culum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shop to build multiple copies of the winning design, deploy and recover them in the Mississippi GuIf Coast. Budget and Timeline Each team would be supplied with a budget of SIS00 per year for materials and supplies. The cost of working prototypes, with all instruments, would be degended to the cost of enguine instruments and estimated to be 5150,000 per year. The cost to build, deploy and recover the final winning design is estimated at S250,000 per year, including instruments, and be supplied to community the source of the supplication and monitoring programs in Mississippi require STEM SGLence, Technology, Engineering, and Mathematics): Tarbies personnel and an englithened, education community that is cognized of the need for a hashity coastal ecosystem, however, there is a deficiency in both that could stund the growth, continuity and quality of such proposed programs. Middle school tadents, in particular, are at the crossora detween a future in a STEM Career and one that typically lacks scientific and	Stone,St Tammany ,Jackson, Pearl River,Forr	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	ş -	STEM Curr	iculum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shows to be used to be used to be used on the other of the Mississipi Guil Coast. Budget and Timeline Each team would be supplied copies of \$15000 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent on the cost of required instruments, and is stimule to be \$150,000 per year. The cost to build, deploy and recover the final winning design is estimated as \$250,000 per year. Including instruments, for a yearly cost of Restoration and monitoring rograms. In Mississippi requires TIM (Sience, Technology, Engineering, and Mathematics) - trained personnel and an enlightened, educated community that is copizant of the need for a healthy costal ecosystem, however, newroremental influences. To engage this demographic, where we developed the SANO (Sealforo Stane) and ensorted suberisments. The monitory programs is demographic we have developed the SANO (Sealforo Stane) and ensorted suberisments. The monitory programs. Middle school students, in particular, are at the crossroad between a future in a STEM Career and one that typically lack science and Remotely devincemental influences. To engage this demographic, we have developed the SANO (Sealforo Stane) and Benetory devincemental futures. To engage this demographic, we have developed the SANO (Sealforo Stane) and Benetory devincemental futures. To engage this demographic, we have developed the SANO (Sealforo Stane) and Benetory devincemental futures. To engage this demographic, we have developed the SANO (Sealforo Stane) and Benetory devincemental futures. To engage the monitory and quality SANO (Sealforo Stane) and Benetory devincements and the stanes of the seale the stanes of the stane	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry,	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	ş -	STEM Curr	iculum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data collection platforms. We will use this expertise and the resources of the MMRI Marine technology shot pould multiple copies of the winning design, deploy and recover them in the Mississippi Guil Coast. Budget and Timeline Each team would be appendent on the cost of required instruments and is estimated to be 5150,000 per year. The cost of Marine technology shot pould be dependent on the cost of required instruments, and is estimated to be 5150,000 per year. The cost of Marine technology shot pould be dependent on Mississippi required instruments, for a year's cost of Marine technology. The cost of Mississippi requires STEM Gisense, Technology, Engineema and Marinematci-1 stander personnel and an enlightened, educated community that is cognizant of the need for a healthy costal ecosystem, however, autidutins, in particular are at the costrand between a future in a STEM Carent and on the typical luck scientific and environmental influences. To engage this demographic, we have developed the S-6×00 (SedBoor Science and Remotely Operated Vehicle) summer camp, which is a unique STEM-oriented summer program offered to students entering grades 60 to 8th.	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	ş -	STEM Curr	iculum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shows to be used to be used to be used on the other of the Mississipi Guil Coast. Budget and Timeline Each team would be supplied copies of \$15000 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent on the cost of required instruments, and is stimule to be \$150,000 per year. The cost to build, deploy and recover the final winning design is estimated as \$250,000 per year. Including instruments, for a yearly cost of Restoration and monitoring rograms. In Mississippi requires TIM (Sience, Technology, Engineering, and Mathematics) - trained personnel and an enlightened, educated community that is copizant of the need for a healthy costal ecosystem, however, newroremental influences. To engage this demographic, where we developed the SANO (Sealforo Stane) and ensorted suberisments. The monitory programs is demographic we have developed the SANO (Sealforo Stane) and ensorted suberisments. The monitory programs. Middle school students, in particular, are at the crossroad between a future in a STEM Career and one that typically lack science and Remotely devincemental influences. To engage this demographic, we have developed the SANO (Sealforo Stane) and Benetory devincemental futures. To engage this demographic, we have developed the SANO (Sealforo Stane) and Benetory devincemental futures. To engage this demographic, we have developed the SANO (Sealforo Stane) and Benetory devincemental futures. To engage this demographic, we have developed the SANO (Sealforo Stane) and Benetory devincemental futures. To engage the monitory and quality SANO (Sealforo Stane) and Benetory devincements and the stanes of the seale the stanes of the stane	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry,	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	ş -	STEM Curr	nculum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shop to build multiple copies of the winning design, deploy and recover them in the Mississippi Guif Coast. Budget and Timeline Each team would be sopplied with a budget of \$15000 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent on the cost of required instruments, and is stimated to be \$150,000 per year. The cost to build, deploy and recover the final winning design is estimated at \$252,0000 per year, including instruments, for a yearly cost of tectoration and monitoring rograms. In Mississippi required STIM Gistoner, Crethology, Engineering, and Mathematica) - trainete personnel and an enlightened, educated community that is compitant of the need for a healthy costal ecosystem, however, new roomenial findences. To engage this demographic, where a softences and One that typically lack scientific and environmental influences. To engage this demographic, where a softences and One that typically lack science and Remotely Operated Vhicle) summer camp, which is a unique STEM-oriented summer program offered to students entering grades 6th to Sh.	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	\$ -	STEM Curr	culum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering marine data collection platforms. We will use this expertise and the resources of the MMRI Marine technology shot pould multiple copies of the winning design, deploy and recover them in the Mississip Guil Coast. Budget and Timeline Each team would be supplied with a budget of \$1500 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent on the cost of required instruments and is estimated to be \$150,000 per year. The cost to build, deploy and recover the final winning design is estimated at \$250,000 per year, including instruments, for a year's cost of working prototypes, with meets a deficiency in obth that cost of meets TML Genere, Technology, Englerengt and Mathematica). Trained personnel and an enlightened, educated community that is cognizant of the need for a healthy costal ecosystem, however, however, build devices the issue description of the head for a band of the description of the description environmental influences. To engage this demographic, we have developed the \$2500 Costance and flemotely Operated Vehicle) summer camp, which is a unique STEM-oriented summer program offered to students entering grades 6th to sh.	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	\$-	STEM Curr	iculum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shops to build multiple copies of the winning design, deploy and recover them in the Mississippi Guif Coast. Budget and Timeline Each team would be supplied with a budget of 51500 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent on the cost of required instruments and is stimated to be 5150,000 per year. The cost to build, deploy and recover the final winning design is estimated at 5250,000 per year, including instruments, for a yearly cost of there is a deficiency in biostissippi required STM Gistone, Creating of such proped programs. Middle school students is not the cost state dominutly that is compitant of the need for a healthy costal ecosystem, however, new incomental final mines. To engage this demographic, where we developed the SX-ROV (Seafloor State) and the students of students, in particular, are at the crossroad between a future in a STEM career and one that typically lacks scientific and environmental influences. To engage this demographic, we have developed the SX-ROV (Seafloor State) constants and sh.	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	ş -	STEM Curr	culum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississipi Mineral Resources institute (MMRI) at the University of Mississipi has a long history of designing, building, deploying and recovering matine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shot to build multiple copies of the winning design, deploy and recover them in the Mississipi Guil Coast. Budget and Timeline Each team would be supplied with a budget of \$1500 per year for materials and supplies. The cost of working prototypes, with all instruments, would be degenderic that eco stor (required instruments and is estimated to be \$150,000 per year. The cost to build, deploy and recover the final winning design is estimated at \$250,000 per year, including instruments, for a year/cost of there is a deficiency of the Mississipi required STM Gislone, Technology, Engineering, and Mathematica). Tainete personnel and an enlightened, educated community that is cognizant of the need for a healthy costal ecosystem, however, new more starting to both that could is demographic, we have developed the SAM (Sakot Sakot Sako	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	s -	STEM Curr	cuum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shops to build multiple copies of the winning design, deploy and recover them in the Mississippi Guif Coast. Budget and Timeline Each team would be supplied with a budget of 51500 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent on the cost of required instruments and is stimated to be 5150,000 per year. The cost to build, deploy and recover the final winning design is estimated at 5250,000 per year, including instruments, for a yearly cost of there is a deficiency in biostissippi required STM Gistone, Creating of such proped programs. Middle school students is not the cost state dominutly that is compitant of the need for a healthy costal ecosystem, however, new incomental final mines. To engage this demographic, where we developed the SX-ROV (Seafloor State) and the students of students, in particular, are at the crossroad between a future in a STEM career and one that typically lacks scientific and environmental influences. To engage this demographic, we have developed the SX-ROV (Seafloor State) constants and sh.	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	ş -	STEM Curr	nalum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shops to build multiple copies of the winning design, deploy and recover them in the Mississippi Guil Coast. Budget and Timeline Each team would be supplied with a budget of 51500 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent on the cost of required instruments and is stimuated to be 5150,000 per year. The cost to build, deploy and recover the final winning design is estimated at 5250,000 per year, including instruments, for a yearly cost of Restoration and monitoring programs. In Mississippi requires TSM Gistone, Creation gains, Midde school students, in particular, are at the crossroad between a future in a STEM career and one that typically lacks scientific and winvoinnential Influences. To engage this demographic, where developed the SX-ROV (Stafloor Stafler and Anthenatcis). There is a deficiences. To engage this demographic, where developed the SX-ROV (Stafloor Stafler and Anthenatcis). Coperated Vehicle) summer camp, which is a unique STEM-oriented summer program offered to students entering grades 6th to Bh.	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	\$ -	STEM Curr	Culum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississipi Mineral Resources institute (MMRI) at the University of Mississipi has a long history of designing, building, deploying and recovering matine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shot to build multiple copies of the winning design, deploy and recover them in the Mississipi Guil Coast. Budget and Timeline Each team would be supplied with a budget of \$1500 per year for materials and supplies. The cost of working prototypes, with all instruments, would be degenderic that eco stor (required instruments and is estimated to be \$150,000 per year. The cost to build, deploy and recover the final winning design is estimated at \$250,000 per year, including instruments, for a year/cost of there is a deficiency of the Mississipi required STM Gislone, Technology, Engineering, and Mathematica). Tainete personnel and an enlightened, educated community that is cognizant of the need for a healthy costal ecosystem, however, new more starting to both that could is demographic, we have developed the SAM (Sakot Sakot Sako	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	ş -	STEM Curr	iculum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shop to build multiple copies of the winning design, deploy and recover them in the Mississippi Guif Coast. Budget and Timeline Each team would be supplied with a budget of 51500 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent on the cost of required instruments and is stimated to be 515,000 per year. The cost to build, deploy and recover the final winning design is estimated at 525,000 per year, including instruments, for a yearly cost of build, deploy and recover the final winning design is estimated at 525,000 per year, including instruments, for a yearly cost of build, deploy and necover the final winning design is estimated at 525,000 per year, including instruments, for a yearly cost of here is a deficiency in both that coulds turn the growth, continuity and quality of such propade programs. Middle school students, in particular, are at the crossroad between a future in a STEM career and one that typically lacks scientific and environmental influences. To engage this demographic, we are devolged the S2:000 (Safloos Stone and Remotely Operated Vehicle) summer camp, which is a unique STEM-oriented summer program offered to students entering grades 6th to sh.	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	No	Yes	NO	Yes	S 40,000.00	\$ -	STEM Curr	culum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering matrine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology, shot to build multiple copies of the winning design, deploy and recover them in the Mississipi Guil Coast. Budget and Timeline Each team would be supplied with a budget of 51500 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent to the cost of required instruments and is stimated to be 515000 per year. The cost to build, deploy and recover the final winning design is estimated at 325000 per year. Including instruments, fora yearly cost of here is a deficiency of the Mississipi required STM (Science, Technology, Engineering, and Mathematics). Trained here is a deficiency in both that coals the mississipi required structures and are that typically lacks scientific and anivornmental functiones. To engage this demographic, we have developed the SAO (Science and Remotely Operated Vehicle) summer camp, which is a unage STM-foreince foral mentional program. Middle school students, in particular, are at the crossroad between a future in a STM acrear and one that typically lacks scientific and environmental Indirenes. To engage the demographic we have developed the SAO (Science and Remotely Operated Vehicle) summer camp, which is a unage STM-foreinted summer program offeed to students entering grades 6th to sh.	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	\$-	STEM Curr	Culum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manne data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shop to build multiple copies of the winning design, deploy and recover them in the Mississippi Gulf Coast. Budget and Timeline Each team would be supplied with a budget of 51500 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent on the cost of required instruments and is stimated to be 513,000 per year. The cost to build, deploy and recover the final winning design is estimated at 522,000 per year, including instruments, for a yearly cost of build, deploy and recover the final winning design is estimated at 523,000 per year, including instruments, for a yearly cost of build, deploy and recover the final winning design is estimated at 523,000 per year, including instruments, for a yearly cost of weirowinnerial influences. To engage this demographic, where a weight of such proposed programs. Middle school students, in particular, are at the crossroad between a future in a STEM career and one that typically licks scientific and environmental influences. To engage this demographic, we have developed the S3.000 (Salboc Sicone and Remotely Operated Vehicle) summer camp, which is a unique STEM-oriented summer program offered to students entering grades 6th to sh.	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	\$ -	STEM Curr	iculum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manne data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shop to build multiple copies of the winning design, deploy and recover them in the Mississippi Gulf Coast. Budget and Timeline Each team would be supplied with a budget of 51500 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent on the cost of required instruments and is stimated to be 513,000 per year. The cost to build, deploy and recover the final winning design is estimated at 522,000 per year, including instruments, for a yearly cost of build, deploy and recover the final winning design is estimated at 523,000 per year, including instruments, for a yearly cost of build, deploy and recover the final winning design is estimated at 523,000 per year, including instruments, for a yearly cost of weirowinnerial influences. To engage this demographic, where a weight of such proposed programs. Middle school students, in particular, are at the crossroad between a future in a STEM career and one that typically licks scientific and environmental influences. To engage this demographic, we have developed the S3.000 (Salboc Sicone and Remotely Operated Vehicle) summer camp, which is a unique STEM-oriented summer program offered to students entering grades 6th to sh.	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	ş -	STEM Curr	iculum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering marine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology, thos to build multiple copies of the winning design, deploy and recover them in the Mississipi Guil Coast. Budget and Timeline Each team would be supplied with a budget of 51500 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent to the cost of required instruments and is estimated to be 510,000 per year. The cost to build, deploy and recover the final winning design is estimated at 5250,000 per year. Including instruments, for a yearly cost of here is a deficiency in bioth static colls in Mississipi required ISTM (Selence, Technology, Engineering, and Mathematics) - trained personnel and an enlightened, educated community that is copinant of the need for a healthy costal ecosystem, however, however, however, however, however, however, how and the state of Mississippi required is the cost of the state cost of the state of the students, in particular, are at the crossroad between a future in a STBM career and one that typically lacks scientific and environmental findences. To engage this disemographic, we have developed the SSAO (Seafloor Science and Remotely Operated Vhicke) summer camp, which is a unale STBM-oriented summer program offeed to students entering grades 6th to sh.	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	ş -	STEM Curr	cuum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi SMIneral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering matine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shot pould multiple copies of the winning design, deploy and recover them in the Mississippi GuI Coast. Budget and Timeline Each team would be supplied with a budget of 51500 per year for materials and supplies. The cost of devicing prototypes, with build, deploy and recover the final winning design is estimated at 5250.000 per year, including instruments, for a yearly cost of Netotration and monitoring programs in Mississippi requires STMM (Science, Technology, Engineema, and Mathematica). Tanked take deficiency in both that could stutic the growth, continuity and quality of such proposed programs. Middle school availed studies are at the conscand between a future in a STMM carear date on the typical lacks scientific and environmental influences. To engage this demographic, we have developed the STMO (Science and femoty) goard to students are the final availe and the state of Mississippi, but in particular, for this call, in southern Bih. We propose to offer the SSROV Summer Camp ta week-long day camp that has an overarching three dates and concepts in studiatissippi. SSROV Summer Camp ta week-long day camp that has an overarching three dates and concepts in studiatissippi. SSROV Summer Camp the asset on exploration and exposing students to test new ideas and concepts in studiatissippi. SSROV Summer Camp the students represent functional technologies that are needed to achieve studiatissippi. SSROV Summer Camp the students represent functional technologies that are needed to achieve studiatissippi. SSROV Summer Camp the students represent functional technologies that are needed to achieve studiatistic constructioner building attractive. Works the science functional technologies that are needed to achieve sciencestift meets talone scien	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	NO	Yes	No	Yes	\$ 40,000.00	ş -	STEM Curr	iculum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering marine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shot to build multiple copies of the winning design, deploy and recover them in the Mississipi Guil Coast. Budget and Timeline Each team would be supplied with a budget of S1500 per year for materials and supplies. The cost of working prototypes, with all instruments, would be dependent to the cost of required instruments and is estimated to be 510,000 per year. The cost to build, deploy and recover the final winning design is estimated at 5250,000 per year. Including instruments, for a year/ cost of here is a deficiency in bidshistopi required instruments and is estimated to be 510,000 per year. The cost to build, deploy and recover the final winning design is estimated at 5250,000 per year. Including instruments, for a year/ cost of here is a deficiency in both that cost is the most to compliant of the need for a healthy costal ecosystem. Noweer, new is a deficiency in both that cost is demographic, we have developed the SAOV (SaHoor Sance and Remotely Deprated Vehicle) summer camp, which is a unque STEM-ciented summer program offeed to students enterling grades 6th to sh. We propose to offer the SSROV Summer Camp throughout the state of Mississipi, but in particular, for this call, in osuthern Mississipi, SSROV Summer Camp throughout the state of Mississipi, but in markicular, for this call, in osuthern Mississipies. SSROV Summer Camp throughout the state of Mississipi, but in particular, for this call, in osuthern Mississipies. Building attrober buildin	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	\$ -	STEM Curr	Culum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi SMIneral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering matine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shot pould multiple copies of the winning design, deploy and recover them in the Mississippi GuI Coast. Budget and Timeline Each team would be supplied with a budget of 51500 per year for materials and supplies. The cost of devicing prototypes, with build, deploy and recover the final winning design is estimated at 5250.000 per year, including instruments, for a yearly cost of Netotration and monitoring programs in Mississippi requires STMM (Science, Technology, Engineema, and Mathematica). Tanked take deficiency in both that could stutic the growth, continuity and quality of such proposed programs. Middle school availed studies are at the conscand between a future in a STMM carear date on the typical lacks scientific and environmental influences. To engage this demographic, we have developed the STMO (Science and femoty) goard to students are the final availe and the state of Mississippi, but in particular, for this call, in southern Bih. We propose to offer the SSROV Summer Camp ta week-long day camp that has an overarching three dates and concepts in studiatissippi. SSROV Summer Camp ta week-long day camp that has an overarching three dates and concepts in studiatissippi. SSROV Summer Camp the asset on exploration and exposing students to test new ideas and concepts in studiatissippi. SSROV Summer Camp the students represent functional technologies that are needed to achieve studiatissippi. SSROV Summer Camp the students represent functional technologies that are needed to achieve studiatissippi. SSROV Summer Camp the students represent functional technologies that are needed to achieve studiatistic constructioner building attractive. Works the science functional technologies that are needed to achieve sciencestift meets talone scien	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	\$-	STEM Curr	culum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi SMIneral Resources institute (MMRI) at the University of Mississippi Ras a long history of designing, building, deploying and recovering matine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shot pould multiple copies of the winning design, deploy and recover them in the Mississippi GuI Coast. Budget and Timeline Each team would be supplied with a budget of \$1500 per year for materials and supplies. The cost of working prototypes, with all intruments, would be dependent to extra of Veryelia Intruments and supplies. The cost of working prototypes with all intruments, would be dependent to extra of Veryelia Intruments, for a year's cost of Netotypa and recover the final winning design is estimated at \$250,000 per year. The Amolgy, Engineema and Mathematics). Tanked persons land an enlighteend, educated costs with the songhizant of the need for a healthy costal ecosystem, between, persons land an enlighteend, educated costs and the songhizant of the need for a healthy costal ecosystem, between, persons land an enlighteend, educated costs and the songhizant of the need for a healthy costal ecosystem, between evidents, in particular, are at the constraint between a future in a STBM correct and one that typical lack scientific and environmental influences. To engage this demographic, we have developed the ST-ROV (Senfoor Science and Remotely Operated Vehicle) summer camp, which is a unique STEM-oriented summer program offered to students entering grades 6th to Bih. We propose to offer the SSROV Summer Camp ta week-long day camp innovated missions to test the vides and concepts in subuilding, confloence building attracelence during innovated missions in the students cannot be and cam-oriented problem solving activities. These activities represent functional technologies that are needed to achieve subuilding. Confloence building attracelence building attracelet. Subording the student contain scienching may activities and exploratin	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	No	Yes	No	Yes	\$ 40,000.00	\$ -	STEM Curr	culum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering marine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology, shot to build multiple copies of the winning design, deploy and recover them in the Mississippi Guil Coast. Budget and Timeline Each team would be supplied with a budget of SIS00 per year for materials and supplies. The cost to build, deploy and recover the final winning design is estimated at SIS000 per year. Including instruments, for a yearly, cost of build, deploy and recover the final winning design is estimated at SIS000 per year. Including instruments, for a yearly cost of build, deploy and recover the final winning design is estimated at SIS000 per year. Including instruments, for a yearly cost of weishing and an enlightened, educated community that is copitizent of the need for a healthy costal ecosystem, however, there is a deficine, so that the growth, continuity and quality of such propoged programs. Middle school students, in particular, are at the crossroad between a future in a STBM career and one that typically lacks scientific and environmental findiness. To engage this demographic, we have developed the SSNO (Ssafloor Stance and Remotely Deprated Vehicle) summer camp, which is a unque STBM-oriented summer program Offered to students entering grades 6th to sh. We propose to offer the SSROV Summer Camp throughout the state of Mississippi, but in particular, for this call, in southern Mississippi. SSROV Summer Camp throughout the state of Mississippi, but in particular, for this call, in southern Mississippi. SSROV Summer Camp throughout the state of Mississippi, but in particular, for this call, in southern Mississippi. SSROV Summer Camp throughout the state of Mississippi, but in particular, for this call, in southern Mississippi. SSROV Summer Camp throughout the state of Mississippi dust in a nended to bachieve success	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	NO	No	No	No .	Yes	No	Yes	\$ 40,000.00	\$ -	STEM Curr	culum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi SMIneral Resources institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering matine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shot bould multiplic copies of the winning design, deploy and recover them in the Mississippi GWI Coast. Budget and Timeline Each team would be supplied with a budget of S1500 per year for materials and supplies. The cost to working prototypes, with all instruments, would be dependent on the cost of required instruments and is estimated to be \$150,000 per year. The cost to build, deploy and recover the final winning design is estimated at 2520,000 per year, including instruments, year yearly cost of working prototypes, with a mission and an entipletened, educated community that is cognizant of the need for a healthy costal ecosystem, however, build, deploy and recover the final winning design is estimated at 2530,000 per year. The cost to submit and an entipletened, educated community that is cognizant of the need for a healthy costal ecosystem, however, personnel and an entipletened, educated community that is cognizant of the need for a healthy costal ecosystem, however, portated Whickle jummer camp, which is a unique STEM-oriented summer program offered to students entering grades 6th to Bih. We propose to offer the SSROV Summer Camp is a week-long dyn camp that has an overarching them that mines activities aboard an oceanic research vessel. The science program is based on exploration and exposing students to test new ideas and concept to and ceam-interied problem solving activities. Steed conflict thens students are endged to hallenging project-based and team-interied problem solving activities. Works excluding structures are endged to device. Charles the dampter based and central central interiments are endged to a baleves accession research vessel. The callingened to effectively communicate, create, and oxee problems while complet	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	Ro	Yes	No	Yes	\$ 40,000.00	ş -	STEM Curr	culum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data callection platforms. We will use this expertise and the resources of the MMRI Marine Technology, shot to build multiple copies of the winning design, deploy and recover them in the Mississippi Guil Coast. Budget and Timeline Each team would be supplied with a budget of 515000 per year for materials and supplies. The cost to build, deploy and recover the final winning design is estimated at 525000 per year. Including instruments, for a yearly, cost of build, deploy and recover the final winning design is estimated at 525000 per year. Including instruments, for a yearly cost of build, deploy and recover the final winning design is estimated at 525000 per year. Including instruments, for a yearly cost of here is a deficiency in both that coalist the growth, continuity and quality of such proposed programs. Middle school students, in particular, are at the crossroad between a future in a STBM Career and one that typically lacks scientific and environmental Influences. To engage this demographic, we have developed the SSMO (Stafloor Stafle Costone and Remotely Deprated Vehicle) summer camp, which is a unique STEM-oriented summer program offered to students entering grades 6th to sth. We propose to offer the SSROV Summer Camp throughout the state of Mississippi, but in particular, for this call, in southern Mississippi. SSROV Summer Camp is a week-long day camp that has an overarching theme that mimics activities about an stimulating, confidence building atmosphere. Within this scientific theme students are engled to achieve successful (real-life missions and lead to the students creating Innovated missions that the tudents device. During the camp, kinck the scientific cativities such as a subject based of scientific real-life metions and lead to the students creating Innovated missions that the tudents device. During the camp, kinck th	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	No (Yes	No	Yes	\$ 46,000.00	Ş -	STEM Curr	culum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi SMIneral Resources institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering matine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shot bould multiplic copies of the winning design, deploy and recover them in the Mississippi GWI Coast. Budget and Timeline Each team would be supplied with a budget of S1500 per year for materials and supplies. The cost to working prototypes, with all instruments, would be dependent on the cost of required instruments and is estimated to be \$150,000 per year. The cost to build, deploy and recover the final winning design is estimated at 2520,000 per year, including instruments, year yearly cost of working prototypes, with a mission and an entipletened, educated community that is cognizant of the need for a healthy costal ecosystem, however, build, deploy and recover the final winning design is estimated at 2530,000 per year. The cost to submit and an entipletened, educated community that is cognizant of the need for a healthy costal ecosystem, however, personnel and an entipletened, educated community that is cognizant of the need for a healthy costal ecosystem, however, portated Whickle jummer camp, which is a unique STEM-oriented summer program offered to students entering grades 6th to Bih. We propose to offer the SSROV Summer Camp is a week-long dyn camp that has an overarching them that mines activities aboard an oceanic research vessel. The science program is based on exploration and exposing students to test new ideas and concept to and ceam-interied problem solving activities. Steed conflict thens students are endged to hallenging project-based and team-interied problem solving activities. Works excluding structures are endged to device. Charles the dampter based and central central interiments are endged to a baleves accession research vessel. The callingened to effectively communicate, create, and oxee problems while complet	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Ves .	No	No	Νο	No ·	Yes	No	Yes	\$ 40,000.00	ş -	STEM Curr	cum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi SMIneral Resources institute (MMRI) at the University of Mississippi Ras a long history of designing, building, deploying and recovering matine data collection platforms. We will use this expertise and the resources of the MMRI Marine Technology shot build multiplic copies of the winning design, deploy and recover them in the Mississippi GuI Coast. Budget and Timeline Each team would be supplied using a strain and a strain and supplies. The cost of working prototypes, with all instruments, would be degenderic that cost of required instruments and is estimated to be 513000 per year. The cost to build, deploy and recover the final winning design is estimated at 253000 per year, including instruments, for a year/ cost of the Risotration and montholing programs. Mississippi requires TIM Genere, Technology, Engineering, and Mathematica). Takine personnel and an enlightened, educated community that is copinant of the need for a healthy costal ecosystem, however, there is a deficiency of the crossroad between a future in a STEM Career and SS 900 (rbt typically lacks softland and students, in particular, are at the crossroad between a future in a STEM career and SS 900 (rbt typically lacks softland and students, in particular, are at the crossroad between a future that and vectoring and mathematical students. The statement comp, which is a unique STEM-oriented summer program offered to students entering grades 6th to students. The statement comp, which is a unique STEM-oriented summer program offered to students entering and concert transitional and an enlightened, building the state of Mississippi, but in particular, for this call, in southern and casen-intened problem solving activities. These activities represent functional technologies that are needed to ableve sumulating, confidence building attransphere. Within this state of mississippi, students to test new ideas and concepts in strubuiltary. Confidence building attransphere. Within this state of mississippi students to test new	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	NO	No	No	No ·	Yes	No	Yes	\$ 40,000.00	\$.	STEM Curr	culum
	2185	Take the Plunge into a Week-long Day Camp for	The Mississippi Mineral Resources Institute (MMRI) at the University of Mississippi has a long history of designing, building, deploying and recovering manine data callection platforms. We will use this expertise and the resources of the MMRI Marine Technology, shot to build multiple copies of the winning design, deploy and recover them in the Mississippi Guil Coast. Budget and Timeline Each team would be supplied with a budget of 515000 per year for materials and supplies. The cost to build, deploy and recover the final winning design is estimated at 525000 per year. Including instruments, for a yearly, cost of build, deploy and recover the final winning design is estimated at 525000 per year. Including instruments, for a yearly cost of build, deploy and recover the final winning design is estimated at 525000 per year. Including instruments, for a yearly cost of here is a deficiency in both that coalist the growth, continuity and quality of such proposed programs. Middle school students, in particular, are at the crossroad between a future in a STBM Career and one that typically lacks scientific and environmental Influences. To engage this demographic, we have developed the SSMO (Stafloor Stafle Costone and Remotely Deprated Vehicle) summer camp, which is a unique STEM-oriented summer program offered to students entering grades 6th to sth. We propose to offer the SSROV Summer Camp throughout the state of Mississippi, but in particular, for this call, in southern Mississippi. SSROV Summer Camp is a week-long day camp that has an overarching theme that mimics activities about an stimulating, confidence building atmosphere. Within this scientific theme students are engled to achieve successful (real-life missions and lead to the students creating Innovated missions that the tudents device. During the camp, kinck the scientific cativities such as a subject based of scientific real-life metions and lead to the students creating Innovated missions that the tudents device. During the camp, kinck th	Stone,St Tammany ,Jackson, Pearl River,Forr est,Perry, Washingt on,Harris on,Georg	Yes	No	No	No	No (Yes	NO	Yes	\$ 40,000.00	Ş -	STEM Curr	cum

Research and	2187	11/11/2014	A Hands-on Ecology-based	Restoration and monitoring systems in Mississippi require STEM (Science, Technology, Engineering, and Mathematics) -trained	Hancock,	Yes	No	No	No	No Y	es <mark>No</mark>		Yes	\$	95,000.00 \$	S - STEM C	urriculum
Education			STEM (Science,	personnel and an enlightened, educated community that is aware of the benefits of these actions for the future health of the	Stone,St												
			Technology, Engineering,	Mississippi Sound and for maintaining or improving all of the activities and benefits that mankind has expected from the	Tammany MobileJ												
			and Mathematics) Activity for 4th Grade Students	Mississippi Sound. One of the best ways to reach a community is by providing an exciting and stimulating hand-on activity to student that relay this excitement to their parents. Given the breadth of potential science and engineering topics that excite	,Mobile,J ackson.Pe												
			for 4th Grade Students	children, we propose to focus on interactive participation in the design and development of simple robotic systems through	ackson,Pe												
				team-based and project-based learning. Thus, young students experience discovery through technology in a collaborative	River.Forr												
				atmosphere.	est,Perry,												
					Washingt												
				We propose to extend an educational/outreach program that is currently operating in northern Mississippi to Southern	on,Harris												
				Mississippi and to the entire state. The program introduces fourth grade students to the ecology of seafloor organisms	on,Georg												
				(satisfying national science standards) and a mechanism to study these organisms using underwater remotely-operated vehicle													
				(ROV). The Program begins with an introductory assembly-style presentation to all of the 4th grade students at a particular school. This presentation introduces seafloor organisms, ecology, healthy ecosystems, and the functionality of ROVs while	k,Stone,St Tammany												
				exposing students to potential careers. Then one class at a time is introduced to parts, motors, and switches to build a simple,													
				but functional ROV. Student teams then test the operational capabilities of their ROV and modify their ROV to complete a	ackson,Pe												
				specified task or to get a desired outcome. The hands-on, interdisciplinary, and applied science nature of this program sets the													
				stage for fun and rewarding learning opportunity and provides a real-world framework for understanding ecology and	River,Forr												
				technologies that are active in the Gulf of Mexico. When students are finished with the ROV activity, they are given a sticker an	id est,Perry,												
				homework (that can be completed in class) to provide a foundation for discussing the activity with siblings and parents.	Harrison,												
					George												
				We propose to expand this program to reach many of Mississippi&E ^{ws} 447 elementary schools. We request \$95K for salaries, supplies, and travel (gas/lodging) to reach 80 individual schools (~8,000 fourth grade students) with the help of volunteers and													
				suppries, and have (gas/loaging) to reach ab individual schools (6,000 routh grade students) with the help of volunteers and unpaid student interns.													
Research and	2189	11/12/2014	Development of a	The National Oceanic and Atmospheric Administration highlights the importance of the marine sector âcœOne of every six jobs		Yes	No	No	No	res Y	es <mark>Yes</mark>		Yes	\$	160,000.00 \$	6 - Curricul	um development
Education	1 1		Statewide Engineering	in the United States is marine-related and over one-third of the U.S. Gross National Product originates in coastal areasâ€2	ackson									1			
			Innovation Program for Marine Science	However, the number of trained engineers from institutions of higher learning that have a understanding of the challenges associated with working within the marine sector are insufficient and don候t meet community needs. For example, remotely	1									1			
			Marine Science Applications in Support of	associated with working within the manne sector are insufficient and donat."It meet community needs. For example, remotely operated vehicles (ROV) in 2015 are anticipated to have net revenues of \$4B with an order of magnitude more spent on													
			Mississippi Sound	operations. Similarly, investment in AUVs is advancing with a projected increase in more than a thousand AUVs (\$2.3B) by 2015													
			Restoration Projects	and the growth of sensors and navigational equipment doubled in the 2010-2011 period alone (Lee et al. 2012).	'												
	1 1				1									1			
	1 1			We propose to make an investment in the education of engineers at the college level within the state of Mississippi, by	1									1			
				exposing students to challenging engineering applications in the marine world, thereby opening the door to a plethora of	1									1			
	1			potential careers. To accomplish this feat we will team up with Dr. Chris Kitts, Associate Dean of Research and Faculty	1												
				Development, School of Engineering, Santa Clara University, who is funding by the Kern Family Foundation to develop a multi-													
				institutional, cooperative, engineering program in which teams of students engineers and mentors design and fabricate													
				instruments, platforms, and/or sensors. These products are integrated among the various university-based teams to complete specified task that accomplishes a scientific goal. This successful and long-standing program incorporates a dozen universities i													
				specified task that accomplishes a scientific goal. This successful and long-standing program incorporates a dozen universities i the Midwest, where the Kern Family Foundation wants to make a difference.	n												
				the whowest, where the kern ranning roundation wants to make a unreferice.													
				Building upon this successful program, we propose to a similar program within the state of Mississippi to integrate each of the													
				schools of higher learning with an engineering program. The National Institute for Undersea Science and Technology (NISUT),													
				which is a partnership between the University of Mississippi and the University of Southern Mississippi, will take the lead in													
				designing criteria for different sensors, vehicles, or platforms that will be developed at each of the participating universities.													
				Student teams will design, fabricate and test their system in context of design criteria. This work will culminate with the teams													
				meeting at the Gulf Coast Research Laboratory in Ocean Springs, MS. Each team will then participate in the mission to collect													
				data for restoration projects.													
				The cast for this program is \$150% per year with half of the funds being speet on materials (travel (specars for engineering team													
				The cost for this program is \$160K per year with half of the funds being spent on materials/travel/sensors for engineering team and the remainder for coordination and science outcomes. Potential Year 1 projects could include. for example, the	s												
Research and	2190	11/12/2014	Purchase and Sea Trials of	The cost for this program is \$160K per year with half of the funds being spent on materials/travel/sensors for engineering team and the remainder for coordination and science outcomes. Potential Year 1 projects could include, for example, the In the National Coexestin and Amonghener Administration highlights the importance of the marine science dracence every six lob	is s	Yes	Yes	No	No	res Y	es Yes	10	DO Yes	\$ 5,	.000,000.00 \$	S - Equipm	ent development and purchase
Research and Education	2190	11/12/2014	Purchase and Sea Trials of 4000-m Capable Remotely	and the remainder for coordination and science outcomes. Potential Year 1 projects could include, for example, the a The National Oceanic and Atmospheric Administration highlights the importance of the marine sector &CœOne of every six jobs	15	Yes	Yes	No	No	fes Y	es Yes	10	DO Yes	\$ 5,	.000,000.00 \$	\$ - Equipm	ent development and purchase
	2190	11/12/2014		and the remainder for coordination and science outcomes. Potential Year 1 projects could include, for example, the The National Oceanic and Atmospheric Administration highlights the importance of the marine sector 4ExoCone of every six job in the United States is marine-related and over one-third of the U.S. Gross National Product originates in coastal arressAEIA no example of the growth in the marine sector is the expectation that remotely operated vehicles (ROV) in 2015 are anticipated to	5	Yes	Yes	No	No	res Y	es Yes	10	DD Yes	\$ 5,	.000,000.00 \$	\$ - Equipm	ent development and purchase
	2190	11/12/2014	4000-m Capable Remotely Operated Vehicle for Marine Science Discovery	and the remainder for coordination and science outcomes. Potential Year 1 projects could include, for example, the The National Oceanic and Atmospheric Administration highlights the importance of the marine sector Adceone of every six jobs in the United States is marine-related and over one-third of the U.S. Gross National Product originates in coastal areasid? An example of the growth in the marine sector is the expectation that remotely operated vehicles (ROV) in 2015 are anticipated to there net revenees: Statiwation of magnitude more spent on operations. Similarly, investment in AUVs is advancing with	is s ih	Yes	Yes	No	No	res Y	es Yes	10	DD Yes	\$ 5,	,000,000.00 \$	\$ - Equipm	
	2190	11/12/2014	4000-m Capable Remotely Operated Vehicle for	and the remainder for coordination and science outcomes. Peternial Year 1 projects could include, for example, the The National Coefficient and Atmospheric Administration highlights the importance of the marine science AbacOne of every six job in the United States is marine-related and over one-third of the U.S. Gross National Product originates in castal areask2. As example of the growth in the marine science is the expectation that remotely operative vibules (ROV) in 2015 are anticipated to have net revenues of \$14 with an order of magnitude more spent on operations. Similarly, investment in AIVs is advancing any projected increase in more than at shousand AIVs (£2318) yo 2013 and the growth of sensors and mangitabola equipment any projected increase in more than at shousand AIVs (£2318) yo 2013 and the growth of sensors and mangitabola equipment any projected increase in more than at shousand AIVs (£2318) yo 2013 and the growth of sensors and mangitabola equipment any projected increase.	s h	Yes	Yes	No	No	Yes Y	es Yes	10	DD Yes	\$ 5,	.000,000.00 \$	5 - Equipm	ent development and purchase
	2190 :	11/12/2014	4000-m Capable Remotely Operated Vehicle for Marine Science Discovery	and the remainder for coordination and science outcomes. Potential Year 1 projects could include, for example, the The National Oceanic and Atmospheric Administration highlights the importance of the marine sector & decone of every six jobs in the United States is marine-related and over one-third of the U.S. Gross National Product originates in coastal areaside? An example of the growth in the marine sector is the expectation that remotely operated vehicles (ROV) in 2015 are anticipated to there net revenues of 548 with an order of magnitude merces spent on operations. Similarly, investment in AUVs is advancing wit a projected increase in more than a thousand AUVs (52.38) by 2019 and the growth of sensors and navigational equipment doubled in the 201-2011 period along (Lee et al. 2012). However, no deep-water ROV systems for mains science are based in	is s ih	Yes	Yes	No	No	Yes Y	es Yes	10	DD Yes	\$ 5,	.000,000.00 \$	S - Equipm	ent development and purchase
	2190 :	11/12/2014	4000-m Capable Remotely Operated Vehicle for Marine Science Discovery	and the remainder for coordination and science outcomes. Peternial Year 1 projects could include, for example, the The National Coefficient and Atmospheric Administration highlights the importance of the marine science AbacOne of every six job in the United States is marine-related and over one-third of the U.S. Gross National Product originates in castal areask2. As example of the growth in the marine science is the expectation that remotely operative vibules (ROV) in 2015 are anticipated to have net revenues of \$14 with an order of magnitude more spent on operations. Similarly, investment in AIVs is advancing any projected increase in more than at shousand AIVs (£2318) yo 2013 and the growth of sensors and mangitabola equipment any projected increase in more than at shousand AIVs (£2318) yo 2013 and the growth of sensors and mangitabola equipment any projected increase in more than at shousand AIVs (£2318) yo 2013 and the growth of sensors and mangitabola equipment any projected increase.	s h	Yes	Yes	No	No	res Y	25 Yes	10	DD Yes	\$ 5,	000,000.00 \$	\$ - Equipm	ent development and purchase
	2190	11/12/2014	4000-m Capable Remotely Operated Vehicle for Marine Science Discovery	and the remainder for coordination and science outcomes. Potential Year J projects could include, for example, the The National Oceanic and Atmospheric Administration highlights the importance of the marine sector Åceone of every six jobs in the United States is marine-related and over one-third of the U.S. Gross National Product originates in coastal areaside? An example of the growth ine marine sector is the expectation that remotely operated vehicles (ROV) in 2015 are anticipated to have net revenues of 548 with an order of magnitude more spent on operations. Similarly, investment In AUVs is advancing wit a projected increase in more than a thousand AUVs (52.38) by 2019 and the growth of sensors and navigational equipment the state of Mississippi or in any of the five states that border the Guif of Mexico.		Yes	Yes	No	No	res Y	25 Yes	10	00 Yes	\$ 5,	000,000.00 \$	S - Equipm	ent development and purchase
	2190	11/12/2014	4000-m Capable Remotely Operated Vehicle for Marine Science Discovery	and the remainder for coordination and science outcomes. Peternial Year 1 projects could include, for example, the I be National Coexistic and Atmospheric Administration highlights the importance of the marine science MacOne effevery six job in the United States is marine-related and over one-third of the U.S. Gross National Product originates in costal areask27. In scample of the growth in the marine scienci is the expectation that remotely operated vehicles (ROV) in 2015 are anticipated to have net revenues of 548 with an order of magnitude more spent on operations. Similarly, investment in AIVIs is advancing with a projected increase in more than at shousand AIVIs (223) by 2013 and the growth of sensors and margitanola equipund doubled in the 2010-2011 period alone (Lee et al. 2012). However, no deep-water ROV systems for marine science are based in the state of Mississippi or in any of the five states that border the Guil of Mexico.		Yes	Yes	No	No	res Y	es Yes	10	DO Yes	\$ 5,	000,000.00 \$	S - Equipm	ent development and purchase
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Education			400-in Capable Renotely Operated vehicle for Marine Science Discovery and Experimentation Integration of Earth Observations with Observations with Observations Micholes Improve Estuary Water	and the remainder for coordination and science outcomes. Patential Year 1 projects could include, for example, the the National Costine and Atmospheric Administration highlighs the importance of the mains excitent StacOne of every six job in the United States is main-related and over one-third of the U.S. Gross National Product originates in castal areask2. A scample of the growth in the marine science is the expectation that remotely operative velocites (PD) in 2015 are anticipated to have net revenues of 548 with an order of magnitude more spent on operations. Similarly, investment in AUN's is advancing with projected increase in more than at brown AUN (252 a) by 2013 and the growth of sensors and magnitability is advancing with doubled in the 2010-2011 period alone (Lee et al. 2012). However, no deep-water ROV systems for marine science are based in the state of Massissippi or in any of the five states that border the Guif of Mexico. We propose to make an investment in the infrastructure of Mississippi Marine Technologies though the purchase and sea trials of a 400 m capable remotely operated vehicle (ROV). The National Institute for Undersea Science and Technology (VISUT), the state of Massissippi or in any of the five states that border the Guif of Mexico. We propose to make an investment in the infrastructure of Mississippi and the University of Sississippi and the University of Sustems Mississippi, will as the test and designing criteria for an ROV that will be suitable for scientific operations within the Guif. Upon delivery of the ROV, the NUST asymptotic based the ROV to sus trials and fabricate the various tools that will be needed for scientific discovery and vehicle would have 2 aven-function manipulators. The cost for this the design, purchase, and sea trials is ~55M and would tak 3 4 years to complete the final integration of systems for ocean operations. Project Gual: To integrate water quality parameters derived from remote sensing with hydrodynamic water quality models to imp	e Hancock, MobileJa ckson,Har	Yes	Yes	No	No	Yes Y	25 Yes 25 No		DD DD Yes				ent development and purchase
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Research and Education	2201	11/13/2014	Commercial Proving Ground for Space to See Hoor Environmental Monitoring Technologies and Autonomous Algo and Autonomous Algo and Marchine Systems	restoration. Protecting these coastal resources which provide critical ecological services to the communities along the Mississipsi dull coast in terms of buffers against atom surge and seal well res requires long-term dependable, detailed, and proven information to make decisions that affect restoration and presentation outcomes. The National Oceans and Application Research Center (MARC) is focused in developing, testing, and validating the commercial applications of environmental monitoring technologies and the information they provide to address Mississippi restoration objectives while enhancing the long-term economic usustainability of this industry and its long term benefit to acosystem restoration is currently inhibited by inconsistent means to calibrate and validate the basic data set that underprint devined fragment for the strangement decisions are critical dependent on calibrated and quantified data sets of homon positional, spatial, spacerial, and radiometric resolutions. Replicable, calibrated data usuntified data sets of homon positional, spatial, spaceria, and radiometric resolutions. Replicable, calibrated data usuntified data is set for measuning spatial and first proposal address test har underprint evolutions that substanbility. In addition, the long-term validity of the Mississippi dull constraint homon positions to redard as substanbility. In addition, the long-term validity of the data and information product performance. The NDARC team will provide a comprehensive test range commissippi companies and universities to validate data durine data usively decosyme reserves to Mississippi during-test range strained of calibrated data and information product performance. The NDARC team will provide a comprehensive test range commissippi companies and universities to validate data during decosyme reserves to Mississippi organales and universities to validate data during decosyme reserves to Mississippi companies and universities to validate data during decosyme reserves to Mississi	Hancock,J ackson	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	\$ 2,500,000.00 3	5 -	
				information products to broader national and international markets.	1											
				â€f	1											
Research and Education Research and Education	3210		Segrass Habitat Characterization Using Acoustic and Sedimentological Techniques Project Explore: Students Exploring Their Local	¹⁴ Segarss Habitat Characterization Using Acoustic and Sedimentological Techniques. Dr. Aneet. Diercks (USM), Dr. Cong Hickey (UM), Dr. Charles Church (UM), Dr. Ian Church (USM); Dr. Davin Wallace (USM) Casala Jabitas provide ecologica, Curura, and economic wale. Segarsa beds within these coastal areas, provide essential habitats for a wide variety of laquita: species and buffer subaqueous sediments from econom (Green and Short, 2003). As with habitats for a wide variety of laquita: species and buffer subaqueous sediments from econom (Green and Short, 2003). As with habitats for a wide variety of laquita: species and buffer subaqueous sediments from econom (Green and Short, 2003). As with variets of a variet of signality and the sediments of the segarase base and the Gard Maeking (Demninen et al., 1993). Segarase communities are exposed to a variety of environmental pressures, ranging from eluciton in variet craitry, latential on sediments mignation via deriging circle destruction from boating and comercial fishing and mammade and natural disasters affecting the natural setting of the segarase habitat (Orth et al., 2006). Time series mapping of habitat rather than existing eargens beds are important in distinguishing the effects or impair distintances from natural variation in segarase coverage (Dekker, et al., 2005). Methodological differences (e.g., mapping potential seagrass habitat rather than existing eargens beds are important and microscopic organisms) but al alos feeling habitat for but haven the and adult fishes. The major prey categories for omnivorous and carnivorous fisher from seagrass habitat are constacens (Hindel et al., 2000). Existional on Segarase beds are important and microscopic demined recolutions in areas that have especificed improvements in surface water quality, replanting of microames and ower-seeding of bottom areas conducive to growth of sequess based on their location, sediment properties and environmental accolation in areas that thave especificated improvements in surface wate	Hancock, St Tammany "Mobile,J ackson,H arrison	Yes	Yes	No	Yes	No	Yes	No Y	Yes	\$ 1,480,192.00 3 5 1,480,192.00 3 5 150,000.00 5		
			Environment	spill and the ensuing restoration efforts. Our objective is to develop and implement a model that accompliches this goal through after-through starter skottings coupled with a two-seek non-residential summer came relating to natural disasters an ensuing restoration that impact studentiste [®] local communities. This model will be implemented in a state with very limited informal science opportunities. Each year, 30 students (d0 total) in grades 5-8 will be targeted to learn science relating to their local environment in an informal setting. Students will be eposed to a variety of STEM areas and careers through interaction with researchers and educators involved in the Dwirt restoration efforts. Proposed piorgram. Disciplines represented by troject Explore include life and extri sciences, in addition to foundational concepts in science, engineering and technology, with-are derived from mathematics. Students are aposed to a variety of stechnologies used by voject Explore include life and mathematics. Students are aposed to a variety of technologies used by voject splore include life and mathematics. Students discourd of the impact of a major disaster like the Dwt oil spill on their community, students will become better enabled to think globally.	kson,Pear I River,Harr ison,Geor ge											
Research and Education	3213	11/14/2014	University and College Volunteers for Restoration Projects	Community Collaborations international will deploy teams of university and college volunteers from around the country to participate in a week of service devoted to giving aboot of youthful energy to community based organizations supporting children, families, and the environment on the Gulf Coast. Community Collaborations international began working in the Gulf Coast ten years age recruiting and organizing teams of college volunteers to assist with Hurricane Katrina recovery efforts. Since then, we have returned every year building relationships and a continuum of sustained impact in the region. Volunteer teams will coordinate their efforts with organizations such as the South Missispip Liand Trust, Acubbon Society, Horticulture for Humanhy, Gauler Barris and Alexerston Department, Mississipp Department of Marine Resources. Boys and Grifs Cubs of the Gulf Coast, Gulf Slands National Seashore, Renew our Rivers, and many more. Based on plori year results, we appect 3D universities and colleges to carbicipate resulting the between 400 and Gov Jounteers primary during the month of Community organizations: These studees to have made a commitment to spend their spring break wesk focused on meeting the needs of Gulf Coast communities4Ct/hey work hard and get the job done.	Harrison	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	\$ 410,000.00	****	

Education		Long-term restoration, recover, and monitoring of marine mammals and sea turtles in the Mississippi Sound	Long-term restoration, recovery, and monitoring of marine mammals and sea turlles in the Mississippi Sound A proposed component in Mississippi Stranger (or REXTOR Bucket 2, Propeal R2: Creation of Mississippi Sound Estuarine Program (MSEP) Summars: In the aftermath of B Deepwater Horizon OII Spill, larger numbers of bottlenose dolphins and sea turles have standed in the northern Guil of Mexico, and many of these strandings have occurred along the coast of the Mississippi Sound to proposed project will promote the restoration and recovery of dolphin and sate turle populations. Representation in Mississippi Sound and sea turles, and J imonitoring the restoration and recovery of dolphin and sate turle populations. Representation and sea turles and sea turles, and build provide the terms of the strandings. 21 rehabilitating sick and injured dolphins dolphins and sea turles are lead buindicators of ecosystem health. This project will facilitate understanding of how these species have enduined numerous environmental stressors in the northern Guil of Mexica and foster the Turlus survival in the Participants: 1) Mississippi State University College of Veterinary Medicine Mississippi Detain and East Mississippi Have and East Mississippi Have and East Mississippi State and East Mississippi Have and East Mississippi Have and East Mississippi State and East Mississippi State and East Mississippi State and East Mississippi Have and East Mississippi Have and East Mississippi Have and East Mississippi Have Bore and East Mississippi State and East Mississippi State and East Mississippi Have Bore East Mississippi State and East Mississippi State and East Mississippi State and East Mississippi Have Bore East Mississippi Have Bore East Mississippi State and East Mississippi State and East Mississippi State and East Mississippi Have Bore East Mississiphi Have Bore Bore East Mississippi H	Harrison	ves N	io 1	чо 	~~ 1	V	s No	No	\$ 16,520,879.00		
Research and 32 Education	20 11/14/2014	Development of a Gulf of Mexico-wide marsh bird conservation cooperative	Natural resource management and regulatory agencies lacked systematic species-specific distribution or abundance data which could be used to evaluate the effects of the Deepwater Inform OII Splil. March thick were an integrap and or the Natural Resource Damage Assessment primarily because are excellent indicators of the health of Gulf Cast tildal markh ecosystems along the Gulf dhexics. Uniformately, because of the limited scope of previous marsh bird monitoring and research, extranely limited. Fortunately, a regional monitoring and research framework that siterady been diversioned for marsh bird motioned for any birds burk taket mellion of these existing data to differing geographic areas and marsh types found across the Gulf of Mexico was externely limited. Fortunately, a regional monitoring and research framework the aircady been diverged for marsh birds but has yet to be implemented along the Gulf of Mexico. Thus, the fundamental goal of this project is to &&emaximize the usefulness of marsh bird monitoring data to inform and facilitate conservation and restoration efforts along the Gulf of Mexicod@II	Hancock, St Tammany ,Mobile,J ackson,H arrison	Yes N	lo 1	No	Yes f	lo Yi	es No	No	\$ 12,500,000.00	aunnan	
Education		the BP Oil Spill and Dispersants	The purpose of this proposal is to determine the reflects of all call and/or dispenants on the quality (chemical, encore) characteristics, and microbially of regreserative species of finish (mulet) and shelffish (oysters, shrimps, and blue call), and also on environment (seawater and sediments) in Mississippi (find carls), and blue call), and also on environment (seawater and sediments) in Mississippi (find carls), and blue call), and also on environment (seawater and sediments) in Mississippi (find carls), and blue call), and also on environment (seawater and sediments) in Mississippi (find carls), will need to be requested 3 time (in G 2014) and 1014 environment (seawater and sediments) in Mississippi (find carls), which are also and any sediments of the second second get accurate data). Pokycyclic Aromatic Hydrocarbon (Acenaphthene, anthracene, flouranthene, pyrelene, pyree, chymeen, Gaurean and naphthalene), autuated Mydrocarbons, volate BTEX compounds, biomatker terpane and steame compounds in sediod products (mullet, blue crab, shrim, and oxyters), sweater and sediments samples will be determined. Second sediments of the second microbiod and/or cooled self and of will be determined. Microbiological (total count, Vbros, Ecol, and Samonabili in selfood, sweater and sediments. Jamikys turbing by, the allo second second sediments amples will be allow the second lipsid compositions of realisod products will be determined. Second Samonability (tarbing), the allow method/approaches to determine the quality of standor, durlings, that allow us to understand whether the Guil of Medica safe to comment the main second produces to the Guild Mississippi is restored from the Pol i spill and if the second produces of products safe to commune. This may increase the consumer' confidence of fould of Mesics applos restored from the Pol i spill and if the shearmon'/second processor and the families in Mississippi.		Yes Y	es 1	No	No I		is No	No	\$ 3,500,000.00		
Research and 32 Education 32	22 11/15/2014	Guif-wide Bird Monitoring Program	The set of	Hancock, St Tammany ,Mobile,J ackson,H arrison,G eorge	Yes N	10 7	No	Yes t	lo Yi	es Yes	No	\$ 21,400,000.00		
Recarch and 32 Education 32	23 11/15/2014	Understanding the Economic Linkages Between Costail Restoration and Community Recovery from Damages Association Banges Association Spill	Interface of the second	Hancock,J ackson,Pe arl River,Forr est,Perry, George,St one,St Tammany ,Mobile, Washingt on	Yes Y	es ì	(es	Yes	N N	o Yes	Ye	\$ 467,187.00	\$ -	

				1												
Research and Education	3224	11/15/2014 Development of MSLandPlan, a Forest	INTRODUCTION	Harrison	Yes	10	Yes	No	No Ye	es Y	es	Yes	\$ 591,000.00	ş -		
Lucation		Landowner Outreach and	The lower 6 counties in Mississippi contain 1.7 million acres of forestland, and forestland is the major land use of this region.													
		Engagement Effort to	The major watersheds in this region include the Pearl River in the west, the Pascagoula River in the east, and a series of coastal													
		Conserve and Protect	rivers and streams in between. This region supports a number threatened and endangered species in both aquatic and													
		Private Lands and Waters	terrestrial environments, including the gopher tortoise and the Gulf Sturgeon.													
		in Mississippi's Lower 6														
		Counties	Most of the forestland in this region is owned by individuals or families, with the vast majority of landowners owning less than													
			500 acres. There are, on average, about 1,500 unique forest landowners per county that own 10 or more acres of forestland.													
			The National Woodland Owners Survey revealed, again, that most private landowners have multiple objectives for their													
			forestland. Forests as a legacy for future generations, enjoyment of scenery, and land as an investment were the top three													
			objectives of Mississippi landowners. Landowners with larger acreages had a much greater interest in timber income than those													
			with smaller acreages.													
			Private landowners are essentially small businesses, but only 10% of landowners have a written management plan that helps													
			them identify and meet their objectives. Forest management plans also recommend strategies that protect soil, water, and													
			other valuable resources. Managing forestland without a written plan is like taking a trip without a road map.													
			This proposed effort will develop MSLandPlan, a robust but user-friendly management plan software template available for use													
			on both computers and mobile devices. We will educate landowners on the importance of a good management plan, and													
			develop a plan for them. Significantly increasing the number of landowners with written management plans will help them													
			make correct decisions for their land, preserve and improve water quality, increase income from the property, and enhance													
			their enjoyment of the land. A key element in the planning process is the use of Best Management Practices (BMPs) which													
			focus on reducing soil erosion and sedimentation.													
Research and	3225	6/1/2015 Development of the	1. INTRODUCTION	Pearl	Yes N	NO I	No	No	No Ye	es N	lo	No	\$ 590,200.00	\$ -	1	
Education		MississippiSound environmental education	This proposal seeks to establish and implement a training program for the Gulf Coast region, called MississippiSound, through the Mississippi State University Extension Service (MSU-ES), with the mission of providing training, information, and resources	River											1	
		program at the Mississippi														
		State University Crosby	will encourage Gulf Coast stakeholders to utilize landscape design and management methods that will reduce property	1											1	
		Arboretum, through the	stormwater runoff and leaching leading to the contamination of surface and groundwaters.													
		MSU-ES, to foster coastal														
		community resilience	The Mississippi State University Extension Service has an established delivery method for extending knowledge to the public,													
			and a proven track record. For more than 100 years, the MSU Extension Service has provided research-based information, educational programs, and technology transfer focused on issues and needs of the people of Mississippi, enabling them to make													
			informed decisions about their economic, social, and cultural well-being. Extension's overall purpose is to provide education													
			that will empower people to make intelligent decisions relating to their vocations, their families, and their environment. The													
			Extension Service believes that quality of life is affected by the reciprocal relationship between people and their environment													
			and therefore, environmental issues are of great importance.													
			The Crosby Arboretum, located within the Gulf Coast region, is the premier environmental education center in the state of													
			Mississippi, dedicated to educating the public about their environment. The 104-acre interpretive site is owned by Mississippi													
			State University and operated by the MSU Extension Service. The Arboretum's mission is to preserve, protect, and display													
			plants native to the Pearl River Drainage Basin ecosystem, a major Mississippi watershed. The facility provides environmental													
			and botanical research opportunities, and cultural, scientific, and recreational programs, as well as programs which provide													
			education about the region's biological diversity. The Arboretum also maintains 700 acres of off-site natural areas in the Gulf													
			Coast region, preserved for scientific study. Many rare, threatened, and endangered species of plants and wildlife are found within Arboretum preserves.													
			wein sobrean preserves.													
			The mission of the Crosby Arboretum supports the directives of MSU and the Extension Service. The MSU Extension Service													
			provides research-based information, educational programs, and technology transfer focused on issues and needs of the people													
			of Mississippi, enabling them to make informed decisions about their economic, social, and cultural well-being. Agriculture and													
Research and	3226	11/15/2014 Autonomous boat for	The goal of ecological restoration is to provide a productive and sustainable ecosystem that results in the increase in	Hancock,J	Yes	10	No	No	Yes Ye	es Y	es	20 Yes	\$ 530,000.00	\$ - F	roposed Research Developement	
Education		routine monitoring of water quality (nutrients.	biodiversity and nutrient retention. In near shore marshes, plant diversity and species differences lead to carbon sequestration, changes in water quality and nutrient retention. However, such wetlands are generally either nitrogen or phosohorous limited													
		trace metals, microbial	and the availability of these essential nutrients affects plant community type and species richness. Therefore, an essential step	6115011												
		communities and physical	in the restoration of Mississippi Sound is to understand the temporal aspect of water quality before and during restoration	1												
		measurements) in	projects.	1												
		Mississippi Sound	Western with taking here have been been been and an another of DNL DID, where have a structure down	1												
			Water quality indexes have been based on measurements of DIN, DIP, chlorophyll a, water clarity, and dissolved oxygen; however, because no DIP sensors are available such measurements are made on discrete samples and the availability of sending													
			people to sea. As a result there are limited temporal observations especially on hourly to daily time-scales and when weather is	1												
			bad. In contrast, studies of submersed aquatic vegetation (SAV) typically focus on off-the-shelf sensors (temperature, salinity,	1												
			pH, DO, turbidity, light attenuation), but lack critical information about nutrient concentrations.	1												
			to a summer and the table of solar another solar to find any law to find the solar to find the solar to the	1												
			In a separate propose we presented the idea of using continuous fluid samplers in fixed (Eulerian) locations to monitor water quality using a system that couples standard sensor measurements with OsmoSampler systems that are specifically designed to	1												
			preserve fluids for nutrients, trace metals, and microbial community structure. This provides the ultimate record at fixed points.	1												
			However, for some monitoring needs there is the desire for a larger spatial coverage (or Lagrangian distribution) and the need	1												
			for larger volume samples for additional measurements. To meet this need we propose to develop an autonomous surface boat	1												
			that is instrumented with physical and chemical sensors and capable of collecting up to 48 (500 ml) samples that can be	1												
			preserved autonomously in the field. Such automation exists for science-based surface craft missions (e.g., Mahacek et al., 2009; Kitts and Mas, 2009) and is well suited for operation within the shallow, but busy waters of Mississippi Sound.	1												
			and and may, 2003, and is well surred for operation within the shallow, but busy waters of Mississippi Sound.	1												
1 1 1	1		The benefits of an autonomous boat are many. The boat can be (1) launched and programed by one person, who can monitor	1												
			the boat locally, with others monitoring results using a web interface from their offices scattered about the state, (2) limits													
			liability by taking the human out of the element while allowing the human to monitor obstacle avoidance sensors and other													

Research and Education	3230 11/16/2014	Developing Social Indicators to Guide and Evaluate Coastal Restoration and Protection Projects and Activities	Palicy Development To formulate effective engagement, outreach and educational programs requires an understanding of the underlying beliefs and values of various terger audiences. Even individual, every community, and every curue has a set of beliefs and values that guide decision-making. Through the use of social science survey instruments, the underlying beliefs and values of selected target audiences. Very decision and outreach through the espanded Cassal FACH Program and to serve as a reference to gauge the effectiveness of three efforts. This information should also be very useful to the RESTORE Council as it considers project selection and evaluation. Social and guidant sciences are used to the RESTORE Council as it considers project selection and evaluation. 2. Beveloping Social Indicators to Guide and Evaluate Coassal REACH Program and Protection Projects and Activities Social Indicators are measures that describe the context, capacity, skills, howledge, values, beliefs, and behaviors of Individuals, households, organizations, and communities a various georgenerative selection and protection project 1 (described above), this project will deving addine scient landcarsor that can be used to guide and International and evaluation and protection projects developed to implement the RESTORE Council R ^{ou} Constrained Plan. The indicators an protection projects developed to support and evaluate the success of Individual coastal watershed restoration and protection projects. This foundational project will be designed to support and evaluate many of the activities and project shall be the edited individual individual coastal watershed restoration and protection projects. This foundational project will be designed to support and evaluate many of the activities and project failitated by the RESTORE Council R ^{ou} Sciences and the indicator and evaluate of the supports and evaluate and are of designed in the toxing and projects facilitated by the RESTORE Council Revees and sociat dimensions internen tin the Council R	Yes	No	Yes	Yes	Yes	Yes N	10	Yes	\$ 3,200,000.00 \$ -	
Research and Education		Regional Coastal Land Grant University and Extension Initiative: Disseminating RESTORE Council-Inditiated Coastal Restoration and Protection and Outcomes through and Outcomes through and Outcomes through Conferences, Guid-Weld Summits and Extension	question exist that, if answered and monitored, could help the RESTORE Cauncil achieve the success that it dealers, such as: Establishing a Report Cassital and Gart University Initiaties. A Coordinated, Multi-State Approach to Integrated Engagement, Research, Echnology Tandset, Education and Outracat. Objective of this project Concept are: Lisbabishing a Report Integrate Engagement, Research, Echnology Tandset, Education and Outracat. Objectives of this project Concept are: Lisbabishing a Report the engagement, technology transfer, deuctation, concept and the verages. Extension activities and tareit costal Extension programs to foster a consistent Gulf-wide approach that leverages. Extension activities and capabilities to support the engagement, technology transfer, deuctation, concept and and extension projects, activities, outputs, and outcomes though annual state-wide conferences, Gulf-wide summits, and Extension and Grant Universities. Land Grant Universities (Gulf) are relately positioned to assist each costal late in a variety of ways and Grant Universities. Land Grant Universities (Gulf) are relately positioned to assist each costal late have a wide range and depth of expertise in these areas, and are a highly trusted source of objective research, have alider transfer and ways and expendition specialists and educators put the science into practice by engaging and education. Researchers, Extension specialists and expendition, faculty in LGUIs regularly collapopted research, and understanding economic divers the last to decision making. In addition, faculty in LGUIs regularly collapopted research, and understanding extension education projects. The Smith-Nerver Act of 1914 established the Cooperative Extension System, a publicly funded, informal educational system basel Information, education and universition, has a large footprint in each state with officers in all purpose eleucation. Its unique interdisciplinary prespective enables, the eigenitation to make areal difference through the purpose eleucation	Yes	Yes	Yes	Yes	Yes	Yes Y	8	Yes	\$. \$.	
Research and Education		Coastal Land Grant University Initiative: Coastal Storm Water and Water Warker Workhops and On-line Management Toolbox to Advance Televiow Storm Water and Water Water Management Water Water Management Management Loadings	Land Grant Universities: Land Grant Universities (LGUs) are uniquely positioned to assist each coastal state in a variety of way de" from conducting research ranging from basic discovery to on-the ground applications of the science of oil convervation, water quality, habitant and coxystem dynamics, human behavior, and other applications of the science of oil convervation. Water quality, habitant and coxystem dynamics, human behavior, and other applications of the science of oil conversation. Researchers, Extension specialitis and educators put the science of topic two ensatis tate have and ladkson, business interests, local governments, and urban and urbanizing communities; conducting applied research; and understanding Stopen extension education projects.	Yes	No	No	No	No	Yes ð	10	Yes	\$ 450,000.00 \$ -	

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1 I I	Research and	3236	11/17/2014	Community-based	Community-based Environmental Planning and Design Assistance for Living Shorelines and Tidal Marsh Restoration.	Hancock,	Yes	No	No	Yes	No	Yes	Yes	Yes	5	\$ 200,000.00	ş -			
6	Education			Environmental Planning		Harrison,														
				and Design Assistance for		Jackson														
					The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippi Gulf Coast in 2005 to work in communities															
				Marsh Restoration.	impacted by Hurricane Katrina and has evolved from disaster recovery work to addressing long-term issues of affordable															
					housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service															
					program of Mississippi State University College of Architecture, Art and Design. Located five hours from the main campus the															
					GCCDS operates with a full-time staff of architects, landscape architects and planners and always works in close collaboration															
					with multiple non-profit, municipal and professional partners. The work of the GCCDS includes: 1) community-based housing															
					design, 2) storm water and tidal ecology, 3) flood resilient buildings and landscape, and 4) public-driven decision making. The															
					GCCDS operates with around \$600,000 annual grant and contract income with national funding partners including HUD,															
					Department of Energy, Small Business Administration, the National Endowment for the Arts, and the Department of Homeland															
					Security, along with many local and regional partners. For the past three years the design studio has been working in															
					partnership with other Gulf Coast planning agencies with the support of HUD's Sustainable Communities Initiative to															
					produce Plan For Opportunity, a regional plan for a more resilient and sustainable Gulf Coast. Recently, the GCCDS was part of															
					one of ten national design teams selected by HUD to participate in Rebuild By Design, in which teams worked with communities															
					in the North East impacted by Super Storm Sandy to design more resilient future cities.															
					The Gulf Coast Community Design Studio is well experienced in community-based restoration projects. Since 2010 the Gulf															
					Coast Community Design Studio has been working in partnership with several other organizations to restore Bayou Auguste, an															
					inner-city bayou that connects East Biloxi to the Back Bay. The GCCDS is the lead organization and brought together five															
					partners to work together on the restoration project: The Land Trust for the Mississippi Coastal Plain, The City of Biloxi, Biloxi															
					Public Schools, the Biloxi Housing Authority, and a local environmental science firm called Cypress Environmental. For the past															
					year the Gulf Coast Community Design Studio has been doing a Watershed Implementation Plan for Rotten Bayou in Hancock															
					and Harrison County. The planning activities include extensive community engagement and professional workshops as well as															
					designing and installing best practices. The plan is funded by the Mississippi Department of Environmental Quality to the Land Trust for the Mississippi Coastal Plain. In addition to Bayou Auguste and Rotten Bayou, the GCCDS is designing a wetland nature															
	Research and	3237	11/17/2014	Job Training for Living	Job Training for Living Shorelines and Tidal Marsh Restoration.	Hancock,	Yes	No	No	No	Yes	Yes	Yes	Yes	5	\$ 90,000.00	ş -	Curriculum	development	
	Education			Shorelines and Tidal Marsh		Harrison,														
	1 1			Restoration.		Jackson				_										
					A benefit of the RESTORE funds will be creating a stronger demand for skilled workers to install living shorelines and do work to															
					restore tidal marshes. The skills for such green jobs combine construction and landscaping skills along with a sufficient															
					knowledge of tidal ecology to be able to understand the end goals of a restoration project. The outdoor work environment is															
					demanding and requires good work habits to be safe and productive. What is more, such projects are interesting to the general															
					public and have the potential to encourage people to take better care of the environment. Therefore, the project installers															
					often have opportunity to engage with people on site to explain the project. There is growing interest with private property															
					owners to apply best practices to water front property and instead of rebuilding bulkheads to use more resilient and															
					ecologically beneficial shoreline improvements. So the workers on site should understand the project and be able to explain															
					the benefits of the project to curious site visitors.															
					There will be a need for job training for living shorelines and tidal march restoration. The RESTORE funds for restoration															
					projects can be leveraged to pay for such job training as a way to build capacity for future restoration projects. Many of the job	5														
					created by such projects have pay comparable to building construction jobs and, like building construction, are job skills that an															
					best gained by hands-on learning. The RESTORE funds will have a long-term impact on such emerging green jobs if training															
					programs are part of the community benefits.															
	1																			
					Partnership															
					Partnership The proposal is submitted by the Gulf Coast Community Design Studio in partnership with Moore Community HouseåC*'s															
					The proposal is submitted by the Gulf Coast Community Design Studio in partnership with Moore Community House候s															
					The proposal is submitted by the Guif Coast Community Design Studio in partnership with Moore Community House& ^{Cer} s Women in Construction Program. The Guif Coast Community Design Studio (GCCDS) was established on the Mississippi Guif Coast in 2005 to work in communitie															
					The proposal is submitted by the Gulf Coast Community Design Studio in partnership with Moore Community House&F*s Women in Construction Program. The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippi Gulf Coast in 2005 to work in communities mapacted by Human Ratifinia and has evolved from distance recovery work to addessing long-Ferna Ratificational Provide Studio Ratificational Provided Studio Ratificational Provided Studio Ratificational Provided Ratif					_										
					The proposal is submitted by the Guif Coast Community Design Studio in partnership with Moore Community House& ^{Cer} s Women in Construction Program. The Guif Coast Community Design Studio (GCCDS) was established on the Mississippi Guif Coast in 2005 to work in communitie															
	Research and	3240	11/14/2014	Women in Construction	The proposal is submitted by the Gulf Coast Community Design Studio in partnership with Moore Community House&F*s Women in Construction Program. The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippi Gulf Coast in 2005 to work in communities impacted by Hurricane Katrina and has evolved from disaster recovery work to addressing long-term issues of affordable housing, healthy communities and relating Landscate and recovery work to addressing long-term asses of affordable	Mobile.la	Yes	No	No	No	Yes	Yes	No	Yec	5	\$ 1.500.000.00	****			
	Research and Education	3240	11/14/2014	Women in Construction Program	The proposal is submitted by the Gulf Coast Community Design Studio in partnership with Moore Community House&F*s Women in Construction Program. The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippi Gulf Coast in 2005 to work in communities maprized by Huring Ratifnar and has evolved from distance recovery work to addressing long-ferm Sinesor of affordable housing, healthy communities and realient landscapes and infrastructure. The GCCDS is a research and professional service "Organizational Overview: Moore Community Nuose, MCNI was founded in 2005 to serve the children of migrant workers in the	Mobile,Ja ckson.Ge	Yes	No	No	No	Yes	Yes	No	Yes	5	\$ 1,500,000.00	******			
		3240	11/14/2014	Women in Construction Program	The proposal is submitted by the Gulf Coast Community Design Studio in partnership with Moore Community House&F ^{**} s Women in Construction Program. The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippi Gulf Coast in 2005 to work in communities impacted by Hurricane Katrina and has evolved from disater recovery work to addressing long-term issues of affordable housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service Organizational Overview: Moore Community House (MCH) was founded in 1924 to serve the children of migrant workers in the sessonal fishing industry. Todaty MCH responds to the needs of low-income women and young children in east Blois through	ckson,Ge	Yes	No	No	No	Yes	Yes	No	Yes	5	\$ 1,500,000.00	*****			
		3240	11/14/2014		The proposal is submitted by the Gulf Coast Community Design Studio in partnership with Moore Community House&F ^{**} s Women in Construction Program. The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippl Gulf Coast in 2005 to work in communities imparted by Huring Ratifnia and has evolved from disaster recovery work to addessing long-Ferna Strasse of affordable housing, healthy communities and resilient landscapes and Infrastructure. The GCCDS is a research and professional service Organizational Overview: Moore Community House (MrCH) was fonded in 252 to serve the children of migrant workers in the sassonal fishing industry. Today MCH responds to the needs of low-income women and young children in east Bliost through hop organizational Overview. Theore Community House (MrCH) was of postible of there in moving a low-income family closer to self	ckson,Ge orge,Han	Yes	No	No	No	Yes	Yes	No	Yes	5	\$ 1,500,000.00	*****			
		3240	11/14/2014		The proposal is submitted by the Gulf Coast Community Design Studio in partnership with Moore Community House&F [*] s Women in Construction Program. The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippi Gulf Coast in 2005 to work in communities impacted by Henricane Katrina and has evolved from distance recovery work to addressing long-term issues of affordable housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service Organizational Overview: Moore Community House (MCH) was founded in 1924 to serve the children of migrant workers in the assonal fishing industry. Today MCH responds to the needs of low-income worken and young children in east Bilds through two programs that research shows make the most strategic and positive difference in moving a low-income family locent to adjit fictiency: quality affordable early foldmod education and jo training that leads to higher apping employment. Through the	ckson,Ge	Yes	No	No	No	Yes	Yes	No	Yes	5	\$ 1,500,000.00	****			
		3240	11/14/2014		The proposal is submitted by the Gulf Coast Community Design Studio in partnership with Moore Community House&F ^{**} s Women in Construction Program. The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippl Gulf Coast in 2005 to work in communities imparted by Huring Ratifnia and has evolved from disaster recovery work to addessing long-ferma tenses of alfordable housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service Organizational Overview: Moore Community House (MCH) was fonded in 2015 to serve the children o migrant workers in the sassonal fishing industry. Today MCH responds to the needs of low-income women and young children in east Bliost through how programs that research shows make the most stratege and positive difference in moving al ownic norme family closer to self	ckson,Ge orge,Han cock,Ston	Yes	No	No	No	Yes	Yes	No	Yes	5	\$ 1,500,000.00	สมคมสสม			
		3240	11/14/2014		The proposal is submitted by the Gulf Coast Community Design Studio in partnership with Moore Community House&F ^{**} s Women in Construction Program. The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippi Gulf Coast in 2005 to work in communities imparted by Hurinera Katrina and has evolved from disaster recovery work to addessing long-Fermi Suess of affordable housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service Organizational Overview. Moore Community House (MCIV) was fonded in 1254 to serve the children or Imigrate vorkers in the sessonal fishing industry. Today MCH responds to the needs of low-income women and young children in east Bliost through two programs that research shows make the most strateger and positive difference in moving a low-income family Closer to self sufficiency: quality affordable early childhood education and job training that leads to higher paying employment. Through the Momen in Construction Program (MCN). Okt Creates a pathway for low-income women to higher paying plos in the	ckson,Ge orge,Han cock,Ston e,St Tammany	Yes	No	No	No	Yes	Yes	No	Yes	5	\$ 1,500,000.00	สมหมสสม			
		3240	11/14/2014		The proposal is submitted by the Gulf Casat Community Design Studio in partnership with Moore Community House&F ^{**} s Women in Construction Program. The Gulf Casat Community Design Studio (GCCDS) was established on the Mississippl Gulf Coast in 2005 to work in communities imparted by Huringen Katrina and nase ovoled from distastrer recovery work to addressing long-ferences misses of affordable housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service organizational Overview. Moore Community House (MCH) was fonded in 1243 to serve the children in direct and the second statistical advection of the second second and the second	ckson,Ge orge,Han cock,Ston e,St Tammany ,Pearl	Yes	No	No	No	Yes	Yes	No	Yes	5	\$ 1,500,000.00				
		3240	11/14/2014		The proposal is submitted by the Gulf Coast Community Design Studio in partnership with Moore Community House&F"s Women in Construction Program. The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippi Gulf Coast in 2005 to work in community mapcated by Hurdence Katrina and nase evolved from distance recovery work to addressing long-terma Sixues of affordable housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service Organizational Overview: Moore Community House (MCH) was founded in 1924 to serve the children of migrant workers in the essonal fishing industry. Today MCH responds to the needs of low-income women and young children in east Bliola through two programs that research shows make the most strategic and positive difference in moving a low-income family locers to adf Brifferency. Gully affordable early follhood education and job training that leads to higher paying allow-income family locers to adf Women in Construction Program (WinC), MCH creates a pathway for low-income women to higher paying jobs in the construction Industry.	ckson,Ge orge,Han cock,Ston e,St Tammany ,Pearl	Yes	No	No	No	Yes	Yes	No	Yes	5	\$ 1,500,000.00				
		3240	11/14/2014		The proposal is submitted by the Gulf Casat Community Design Studio in partnership with Moore Community House&F"s Women in Construction Program. The Gulf Casat Community Design Studio (GCCDS) was established on the Mississippl Gulf Coast in 2005 to work in community imparted by Hurinera Katrina and has evolved from disater recovery work to addessing long-ferma insues of affordable housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service organizational Overview. Moore Community House (MCH) was fonded in 1254 to serve the children in digram to drokers in the sasonal fishing industry. Toddy MCH responds to the needs of low-income women and young children in east Blioxi through two organizes that exercench shows make the most strategic and positive difference in moving a low-income family closer to self sufficiency: quality affordable early childhood education and job training that leads to higher paying employment. Through the Commen in construction Program (Winc), MCH creates a pathway for low-income women to higher paying jobs in the construction industry.	ckson,Ge orge,Han cock,Ston e,St Tammany ,Pearl	Yes	No	No	No	Yes	Yes	No	Yes	5	\$ 1,500,000.00				
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		3240	11/14/2014		The proposal is submitted by the Gulf Caast Community Design Studio in partnership with Moore Community House&F"s Women in Construction Program. The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippl Gulf Coast in 2005 to work in community imparted by Huringma Ratinia and nesi avolved from distastrer recovery work to addressing long-ferm issues of affordable housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service organizational Overview. Moore Community House (MCV) was fonded in 1243 to serve the children in distribution of migrant workers in the sassonal fishing industry. Toddy MCH responds to the needs of low-income women and young children in east Blioxi through too groups mist har research shows make the most strategic and positive difference in moving a low-income family closer to self sufficiency: quality affordable early childhood education and job training that leads to higher paying employment. Through the Women in construction Frogram (WinC), MCH creates a pathway for low-income women to higher paying jobs in the construction industry. Women and euty profession. Women exclusted in low paying jobs, making up 80% of minimum wage workers. MS has the highest tare of single-mother headed families, mothers who bear financial responsibility for children. Minimum wage leaves a highest tare of single-mother headed families, mothers who bear financial responsibility for children. Minimum wage leaves a highest tare of single-mother headed families, mothers who bear financial responsibility for children. Minimum wage leaves a	ckson,Ge orge,Han cock,Ston e,St Tammany ,Pearl	Yes	No	No	No	Yes	Yes	No	Yes	5	\$ 1,500,000.00	aunuan			
		3240	11/14/2014		The proposal is submitted by the Gulf Caast Community Design Studio in partnership with Moore Community HouseAE*s Women In Construction Program. The Gulf Coast Communites Ratina and has evolved from disaster recovery with to addressing long-term issues of alfordable housing, healthy communities and resilient landscapes and infrastructure. The GCDS is a research and professional service Organizational Overview: Moore Community House (MCH) was fonded in 1250 to work in communities housing, healthy community House (MCH) was fonded in 1250 to serve the children or Migrant workers in the sessonal fishing industry. Today MCH responds to the needs of low-income women and young children in east Blioal through two programs that research shows make the most strategic and positive difference in moving a low-income family closer to self sufficiency: quality affordable early childhood education and job training that leads to higher paying employment. Through the Construction industry. Women mic construction Program (MCH), OKI creates a palwhay for low-income women to higher paying publis in the Construction industry.	ckson,Ge orge,Han cock,Ston e,St Tammany ,Pearl	Yes	No	No	No	Yes	Yes	No	Yes	5	\$ 1,500,000.00				
		3240	11/14/2014		The proposal is submitted by the Gulf Caast Community Design Studio in partnership with Moore Community House&F"s Women in Construction Program. The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippl Gulf Coast in 2005 to work in community imparted by Huringma Ratinia and nesi avolved from distastrer recovery work to addressing long-ferm issues of affordable housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service organizational Overview. Moore Community House (MCV) was fonded in 1243 to serve the children in distribution of migrant workers in the sassonal fishing industry. Toddy MCH responds to the needs of low-income women and young children in east Blioxi through too groups mist har research shows make the most strategic and positive difference in moving a low-income family closer to self sufficiency: quality affordable early childhood education and job training that leads to higher paying employment. Through the Women in construction Frogram (WinC), MCH creates a pathway for low-income women to higher paying jobs in the construction industry. Women and euty profession. Women exclusted in low paying jobs, making up 80% of minimum wage workers. MS has the highest tare of single-mother headed families, mothers who bear financial responsibility for children. Minimum wage leaves a highest tare of single-mother headed families, mothers who bear financial responsibility for children. Minimum wage leaves a highest tare of single-mother headed families, mothers who bear financial responsibility for children. Minimum wage leaves a	ckson,Ge orge,Han cock,Ston e,St Tammany ,Pearl	Yes	No	No	No	Yes	Yes	No	Yes	8	\$ 1,500,000.00				
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		3240	11/14/2014		The proposal is submitted by the Gulf Casat Community Design Studio in partnership with Moore Community House¥C*'s Women in Construction Program. The Gulf Cosat Community Design Studio (GCCDS) was established on the Mississippi Gulf Cosat in 2005 to work in communite imparted by Hurrone Ratinia and has evolved from distastrerecovery work to addressing long-ferm insues of alfordable housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service organizational downowiew. Moore Community House (MCN) was fonded in 12342 to serve the children in east Blioxi through the gorganizational downowiew. Moore Community House (MCN) was fonded in 12342 to serve the children in dirgitant workers in the saxonal fishing industry. Toddy MCH responds to the needs of low-income women and young children in east Blioxi through they organizational downowiew. The most strateging that leads to higher paying employment. Through the Women in construction Program (WinC), MCH creates a pathway for low-income women to higher paying jobs in the construction industry. Toddy GLM creates a pathway for low-income women to higher paying jobs in the construction industry. Workforce in Mississippi (MS) but women earn less than men at every income and education family of 21 (mom ad child) bedow the federal poverty level. Construction (piss we the only ones in MS where women earn the same wages as men, and theie jobs pay an hourly wage identified by the MS Economic Policy Center as a self sufficiency wage. Thus, Winc Offers a pathway for women to family economic security. The mission of Winc N women earn the same wages as men, and theie jobs pay an hourly wage identified by the MS Economic Policy Center as a self sufficiency wage. Thus, Winc Offers a pathway for women to family economic security. The mission of Winc N to create a climate across the odif Cast trained workfore. While the construction field, Beidse helping proxide well-paying plots to the region's beyincome wom	ckson,Ge orge,Han cock,Ston e,St Tammany ,Pearl	Yes	No	No	No	Yes	Yes	No	Ves	5 5	\$ 1,500,000.00	****			
		3240	11/14/2014		The proposal is submitted by the Gulf Coast Community Design Studio in partnership with Moore Community House&F*s Women in Construction Program. The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippi Gulf Coast in 2005 to work in community migrated by Hurine Ratinia and has evolved from disaster recovery work to addressing long Erem issues of affordable housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service Organizatioal Overview: Moore Community House (MCN) was fonded in 2524 to serve the children or Migrate vorkers in the sasonal fishing industry. Today MCH responds to the needs of low-income women and young children in east libiols through thoo programs that research shows make the most strategic and positive difference in moving a low-income family closer to self sufficiency: quality affordable early childhood education and job training that leads to higher paying employment. Through the Women in Construction Program (WinC), MCH creates a pathway for low-income women to higher paying jobs in the construction industry. Women make up nearly half of the workforce in Mississippi (MS) but women earl leads to higher paying inbis in the single article of angle-mother headed families, mothers who bear financial responsibility for children. Minimum wage workers. As has the highest tare of angle-mother headed families, mothers who bear financial responsibility for children. Minimum wage workers, More there are the only one in this where women earn the same wages as men, and thele jobs pay an hourly wage identified by the MS Economic Policy Center as a elf sufficiency wage. Thus, Winc Green a pathwage for women stemstry. The mission of WIOC Is to create a climate across the Gulf Coast enabling women to pursue careers with heard to response towincome women, in helps meet industry demands for a trained workfore. While the construction tade offer careers thas they women for this work. At this point and time it	ckson,Ge orge,Han cock,Ston e,St Tammany ,Pearl	Yes	No	No	No	Yes	Yes	No	Ves	•	\$ 1,500,000.00	***			
		3240	11/14/2014		The proposal is submitted by the Gulf Casat Community Design Studio in partnership with Moore Community HouseAE*'s Women In Construction Program. The Gulf Cosat Community Design Studio (GCCDS) was established on the Mississippi Gulf Cosat in 2005 to work in communities impacted by Hurricane Ratina and has evolved from disaster recovery work to addressing long-term issues of alfordable housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service (Granizational Overview: Moore Community House (MCN) was fonded in 1254 to serve the children in east libio through the oprogram Stat Teacher Moore Table the most strategies on positive difference in moving alow income family close (Loser to self safficiency, quality affordable early childhood education and job training that leads to Bigher paying employment. Through the Momen in Construction Program (MCN). (MIC creates a parking that leads to Bigher paying employment. Through the Construction industry. Total of the workforce in Mississippi (MS) but women earn less than ment every income and education heyels and in every profession. Women are clustered in low paying jobs, making up 80% of minimum wage workers. Mhas the impless table of single-mother headed Families, morkers who beer financial responsibility for children. Minimum wage leaves a family of 2 (mom and child) below the federal povery level. Construction jobs are the only ones in MS where women earn the max wages as men, and there jobs pay an hourly wage leaved enabling but MS women. Pointers which will allow them to earn wages to promote self sufficiency within the construction Job. See the approved weight paying jobs in the region how work and submitted in the MS Conomic Policy Center as self sufficiency water. The mission of WinC is to create a climate across the Guif Costat enabling work height ground in the region that is tablered to the strategies on paying plots to the region worker, Athis point and the is to kitcline that is	ckson,Ge orge,Han cock,Ston e,St Tammany ,Pearl	Yes	No	No	No	Yes	Yes	No	Ves	•	\$ 1,500,000.00	изияла			
		3240	11/14/2014		The proposal is submitted by the Gulf Casat Community Design Studio in partnership with Moore Community House&F*s Women in Construction Program. The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippi Gulf Coast in 2005 to work in community imparted by Hurine Ratinia and has evolved from disater recovery work to addessing long Erem issues of affordable housing, healthy communities and resilient landscapes and Infrastructure. The GCCDS is a research and professional service Ognizatioal of verview. Moore Community House (MCN) was fonded in 2524 to serve the children or Imigrate vorkers in the sasonal fishing industry. Today MCH responds to the needs of low-income women and young children in east Ilioid through thoo program that research shows make the most strategic and positive difference in moving a low-income family closer to self sufficiency: quality affordable early childhood education and job training that leads to higher paying employment. Through the Women in Construction Program (WinC), MCH creates a pathway for low-income women to higher paying jobs in the construction industry. Women and child look the education in Moissispip (MS) but women earl leads to higher paying indos. Mas the highest fare of single-mother headed families, mothers who bear financial responsibility for children. Minimum wage lowes a highest fare of single-mother headed families, mothers who bear financial responsibility for children. Minimum wage lowes a highest fare of angle-mother headed families, mothers who bear financial responsibility for children. Minimum wage lowes a same wages as men, and thele jobs pay an hourly wage identified by the MS Economic Policy Center as a eff sufficiency wage. Thus, Winc Gifera a pathway for women to family common security. The institution of Wincre, wages and good benefits, Winc Is the only for training organs in the region but is tolared to pergare women on this towerk. At this point and time it scitical to maintain momentum by expanding programming,	ckson,Ge orge,Han cock,Ston e,St Tammany ,Pearl	Yes	No	No	No	Yes	Yes	No	Ves	•	\$ 1,500,000.00	########			
		3240	11/14/2014		The proposal is submitted by the Gulf Casat Community Design Studio in partnership with Moore Community HouseAE*s Women In Construction Program. The Gulf Cosat Community Bain Studio (GCCDS) was established on the Mississippi Gulf Cosat in 2005 to work in communities impacted by Humrianite Xotima and nais evolved from disaster recovery work to addessing long-term issues of alfordable housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service of ganizational Overview. Moore Community House (MCN) was founded in 2524 to serve the children in east allikola through housing, healthy communities easily children and posities difference in moving a low-income family closer to self safficiency: quality affordable early childhood education and job training that leads to higher paying employment. Through the domen in Construction Program (MCN). OKI creates a parking that leads to higher paying employment. Through the Construction industry. Todable, early childhood education and job training that leads to higher paying employment. Through the Construction industry. Women mice and heads how and the development was been financial repossibility for children. Minimum wage kovers. Mos has the week, and in every profession. Women are clustered in low paying jobs, making up BNO of minimum wage kovers. Mos has the main example mother headed families, mothers who bear financial repossibility for children. Minimum wage keaves a family of 2 (mom and child) below the federal povery level. Construction jobs are the only ones in MS where women earn the train wages at an end theigh bogs and houlty wage identified by the MS Economic Policy Center as a self sufficiency wates. Thus, WinC offers a pathway for women to family economic security. The mission of WinC is to create a climate accompare fuel water who the accompare in the region is a tailored to pepare women for this work. At this joint and then it is boint and then it is baired to pepare women for this	ckson,Ge orge,Han cock,Ston e,St Tammany ,Pearl	Yes	No	No	No	Ye	Yes	No	Ves	•	\$ 1,500,000.00	8894888			
		3240	11/14/2014		The proposal is submitted by the Gulf Casat Community Design Studio in partnership with Moore Community House&F*s Women in Construction Program. The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippi Gulf Coast in 2005 to work in community imparted by Huriner Ratrina and has evolved from disater recovery work to addessing long Erem issues of affordable housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service Ognizatizatioal Verview: Moore Community House (MCN) was fonded in 1252 to serve the children or Imigrate vorkers in the sassonal fishing industry. Today MCH responds to the needs of low-income women and young children in east Ilibiol through thoo programs that research shows make the most strategic and positive difference in moving a low-income family closer to self sufficiency: quality affordable early childhood education and job training that leads to higher paying employment. Through the Women in Construction Program (WinC), MCH creates a pathway for low-income women to higher paying jobs. In the construction industry. Women and child look the end feelang bortyle edifference in moving a low was vorkers. No has the highest fate of angle-mother headed families, mothers who bear financial responsibility for children. Minimum wage lowes a highest fate of angle-mother headed families, mothers who bear financial responsibility for children. Minimum wage lowes a highest fate of angle-mother headed families, mothers who bear financial responsibility for children. Minimum wage lowes a serving was a men, and thele jobs pay an hourly wage identified by the MS Economic Policy Center as a eff sufficiency wage. Thus, Winc Gifera a pathway for women to family comome security. The instition of Winc Is to create a climate across the Gulf Coast enabling women to pursue careers which head is to here you the region's towick edit sufficiency wages and good benefits, Winc Is the only betraining organs in the region b	ckson,Ge orge,Han cock,Ston e,St Tammany ,Pearl	Yes	No	No	No	Yes	Yes	No	Ves	•	\$ 1,500,000.00				

Research and 324	41 11/17/201	4 College of Business	Brief Title: College of Business building, USM Gulf Park and the Center for Coastal Analytics (CCA)	Harrison	Yes	Yes	Yes	Yes	Yes	No	Yes	86	res 🛛	\$	35,000,000.00	ş -		
Education		building, USM Gulf Park and the Center for Coastal	anen mier. Connege en abainess dualang, com oan rank and une Center in Coasia Anagres (CCA) Point of Contact, email and Phone IF: Dr. Elizabeth LaFleur, Beht. LaFleur@usm.edu, 228.214.3438; Dr. Gregory Bradley, Gregory.Bradley@usm.edu, 228.214.5402; Dr. Faye Gilbert, Faye.Gilbert@usm.edu, 601-266-5544											\$		ľ		
		Analytics (CCA)	Type of project:															
			x_Infrastructurex_Educational programx_Research programx_Workforce developmentx_Economic	1														
			developmentx_Eco-Restorationx_Seafoodx_Other (Name): Tourism															
			Brief description of activities: The proposed building will house the College of Business on the USM Gulf Park campus and the															
			Center for Coastal Analytics (CCA). Since Hurricane Katrina, the College of Business at USM Gulf Coast (CoBGC) has been housed in an inadequate modular structure. The CoBGC serves the educational needs of over 500 undergraduate and 100 MBA															
			students each year. The CoBGC operation will include the new Center for Coastal Analytics (CCA), created for the purpose of															
			conducting economic impact analyses, primary research projects, financial analyses, business assistance for entrepreneurial															
			start-ups, and graduate education focused on two critical sectors of the Mississippi Gulf Coast economy: blue economy activities and Coastal tourism. The new building (and CCA) will be constructed on the Gulf Park campus of the University of															
			Southern Mississippi and will unite and house the intellectual capital of the College of Business. The CCA will provide long-term															
			economic impact analyses and primary research for the commercial seafood fisheries (i.e., shrimp, crab, oyster, spotted seatrout, red snapper), recreational fisheries and marine tourism, and Coastal tourism sectors unique to the Mississippi Gulf															
			Coast (gaming, hotels and lodging, restaurants, sports tourism, ecotourism, creative economy tourism, culinary tourism, festival	5														
			and events unique to the area such as Cruisinå€ [™] the Coast). The CCA will provide business plan assistance and training to support entrepreneurial activities. The CoBGC and the CCA will support the development of two unique graduate certificate															
			programs in the country: marine economics and coastal tourism. These programs will train graduate students from the marine															
			sciences and fisheries in the business analytics and strategies associated with Coastal marine activities; the certificate in coastal tourism will train graduate students and working professionals/executives in the business valuations of tourism sectors and new															
			ventures.															
			Location (City, County): Long Beach, Harrison County															
Research and 424	49 11/26/201	4 Evaluating the Impact of	Objective:	Hancock,	Yes	No	No	No	No	Yes	No	,	No	\$	300,000.00	ş -	Evaluating	and monitoring
Education		Upland Land Use Land Cover Change on Water	Develop a decision support tool to evaluate the impacts of upland land use land cover (LULC) change on coastal water quality and provide analytical tools to help select the most suitable areas for restoration and as sites for monitoring the progress of the	Stone,St														
		Quality of the Mississippi	restoration.	,Mobile,J														
		Sound Estuary	Background	ackson,Pe														
			Background: With the development of the gaming and tourist industry, Mississippi's Gulf coast has experienced rapid growth in population	arı River,Was														
			and economic activity in the past several years. The population of the coastal counties in Mississippi has been increasing and	hington,H														
			continues to increase, resulting in changes to the land use and the land cover on the coast and in the upland areas. According to new U.S. Census population estimates the Mississippi Gulf coast has three of the top 10 fastest growing cities in the state	arrison,G eorge														
			from 2012 to 2013. In response to this rapid growth in coastal population and economy, the Mississippi Department of Marine															
			Resources (DMR), the lead agency for the State's Coastal Management Program, developed the Comprehensive Resource Management Plan (CRMP). The CRMP seeks to balance natural resource protection and economic development through															
			cooperation among local, state, and federal agencies and the private sector.															
			Land use/land cover and water quality are unequivocally linked. Change in the upland land use and/or land cover can impact															
			water quality in the coastal areas. Coastal waters receive runoff from surrounding watersheds that drain these upland areas into	3														
			the coastal estuary. Changes in the LULC of the upland portions of coastal watersheds can produce increased amounts of nutrients, sediment, and other pollutants. Proper understanding of these complex processes will result in better decisions and															
			mathems, sediment, and other poliutants. Proper understanding of these complex processes will result in better decisions and make the restore process more sustainable. This understanding will play an important role in coastal restoration by helping															
			decision makers select the most suitable areas along the coast to restore and/or purchase and to model and monitor the effect of the restoration activity. The modeling part of the decision support tool will allow decision makers to ask: å€" what ifå£! åE™															
			of the restoration activity. The modeling part of the decision support tool will allow decision makers to ask; at what flat; at:" questions about a part of a watershed.															
			Project Description:															
			The proposed will develop a decision support system (DSS) (Figure 1) by integrating remote sensing and geospatial analysis with															
December of 12	F0 43/40/201	4 Remediation of Oil Spills	existing and validated numerical watershed models to analyze potential restoration decisions and provide possible outcome	<u> </u>	¥	Vee		Nee	Mag	Yes					200.000.00	<i>c</i>	de vela e e e	roduct and create industry in MS
Research and 425 Education	58 12/10/201	and Gas Releases by	Biochar has emerged as a promising sorbent for recovering or containment of marine crude oil spills (Nguyen and Pignatello,		TES	res	NO	res	res	res	NO		es	\$	300,000.00	ş -	develope p	roduct and create industry in MS
		Biochar Activated at Low- Temperatures	2013). Biochars are porous, and has a bulk density lower than that of seawater so that biochar particles float on seawater. Biochars contain pores with hydrophobic internal surfaces that are wetted much faster by organic compounds rather than water															
		Temperatures	(Gray et al., 2014). This difference is particularly noticeable when the biochar is produced from pyrolysis at low temperatures															
			(e.g., 370Å*C). Thus, the spilled oil can effectively fill the pores of biochar particles while water cannot. Biochar can also adsorb															
			the dissolved oil species and remediate the contaminated seawater. Biomass is abundant in the Gulf region and biochar is usually a byproduct in biofuel production. It is therefore relatively inexpensive compared to other synthetic absorbents.															
			Moreover, the spent biochar can be burned directly along with the absorbed oil in controlled environments for energy															
			production. That is, there is no need to separate the absorbed oil from the biochar for their end use, and the energies of both biochar and oil can be recovered. As results of these advantages, bioochar is likely a cost-effective absorbent for remediating															
			biochar and oir can be recovered. As results of anese advantages, biobenar is intely a cost enceave absorbent for remediating															
			spilled oil.															
			spilled oil. II.Recessify for Activation and Newly discovered Method Absorption is a major technology for the remediation of spilled oil and contaminated water. Sorbent36°'s absorption capacity															
			Interestity for Activation and Newly discovered Method Absorption is a major technology for the remediation of spilled oil and contaminated water. Sorbent&C*'s absorption capacity and ultimate false are amjor cost factor for this technology. Absorption capacity, in turn, depends mainly on the sorbent&C*'s															
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			Interestity for Activation and Newly discovered Method Absorption is a major technology for the remediation of spilled oil and contaminated water. Sorbent&E**s absorption capacity and ultimete faite are amjor cost factor for this technology. Absorption capacity, in turn, depends mainly on the sorbent&E**s internal pore volume and surface area. Nguyen and Pignatello (2013) reported that biochar from hardwood has a lower absorption capacity than those of many synthetic absorbers. Thus, internal pore volume of biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume during activated carbon production. Soch physical absorption usually employs a temperature in the range of GOME*20AC's, spinlytike energy internity required															
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Research and 425	63 12/19/201	4 Costal Workforce	Interestity for Activation and Newly discovered Method Absorption is a major technology for the remediation of splied oil and contaminated water. Sorbent&E'''s absorption capacity and ultimate faite are amjor cost factor for this technology. Absorption capacity, in turn, depends mainly on the sorbent&E''s internal pore volume and surface area. Negven and Pignatello (2013) reported that biochar from hardwood has a lower absorption capacity than those of many synthetic absorbers. Thus, internal pore volume of biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume divides that bioch increased. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume divides that bio bein researed. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume divides that bio bein researed. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume divides that bio bein researed. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume divides that bio bein creased. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume divides that bio be increased. CO2 and water are usually used to burn as fraction of the temperature range 55.70%C. The energy throughput for the activation is much oner than the stational methods. SEE table to achive as E-fold increase in internal surface area, from 12.9 to 1380 m2/g. This activation approach is simple and requires agents that are readily available everywhere. Moreover, the whorkfore Corban recommends developing a to-vare marketing campaign focused on promoting workfore the workfore Corban recommends developing a to-vare marketing campaign focused on promoting workfore.		Yes	No	Yes	Yes	Yes	No	No		fes	\$	2,000,000.00	\$ -		
Research and 426 Education 426	63 12/19/201	4 Costal Workforce Development and Training	I Brecessity for Activation and Newly discovered Method Absorption is a major technology for the remediation of spilled oil and contaminated water. Sorbent3C**s absorption capacity and ultimate fate are a major cost factor of this technology. Absorption capacity, in turn, depends mainly on the sorbent3C**s internal pore volume and surface area. Nguyen and Pignatelio (2013) reported that biochar from hardwood has a lower absorption capacity than those of many synthetic absorbers. Thus, internal pore volume of biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generative larger pore volume of biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generative larger pore volume of biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generative larger pore volume of biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generative larger pore volume of biochar bios to be enclosed to biochar and the source of	,	Yes	No	Yes	Yes	Yes	No	No		fes	\$	2,000,000.00	\$ -		
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	63 12/19/201		I BReessity for Activation and Newly discovened Method Absorption is a major technology for the remediation of spilled oil and contaminated water. Sorbent&E**s absorption capacity and ultimate faite are amjor cost factor for this technology. Absorption capacity, in turn, depends mainly on the sorbent&E**s internal pore volume and surface area. Nguyen and Pignatello (2013) reported that biochar from hardwood has a lower absorption capacity than those of many synthetic absorbers. Thus, internal pore volume of biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume divides that biochar that bo be horeased. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume divides the energy internity required for such activation process. Recently, the sistamable Energy and Environment (SEE) group at the University of Mississippi (UM) developed a family of new methods for biochar activation that was conducted in the temperature range 65-70ŰC. The energy throughput for the activation is much lower than the tradinion methods. SEE to a blo to achive a Efold increase in Internal surface area, from 12.9 to 1880 m3/g. This activation approach is simple and requires agents that are reality available everywhere. Moreover, the Workforce Gortam recommends developing at two-year marketing campaign focused on promoting workfore development and training in the three costal counties of thancost, harrisrio and Jackson. The marketing campaign will help development and training in the three costal counties of thancost, harrisrio and Jackson. The marketing campaign will help development and training in the three costal counties of more system to asynopt the partneting efforts with the local development and training in the three costal counties of thancost, Harrisrion and Jackson. The marketing efforts with the local development and training in the three costal counties of thancost. Harrisrion and Jackson. The marketing effor	, 	Yes	No	Yes	Yes	Yes	No	No		fes	\$	2,000,000.00	Ş -		
	63 12/19/201		I Breessity for Activation and Newly discovered Method Absorption is a major technology for the remediation of spilled oil and contaminated water. Sorbent&E ^{ws} absorption capacity and ultimate fate are a major cost factor for this technology. Absorption capacity, in turn, depends mainly on the sorbent&E ^{ws} internal pore volume and surface area. Negven and Pignatelio (2013) reported that biochar from hardwood has a lower absorption capacity than those of many synthetic absorbers. Thus, internal pore volume of biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume divides that biochar thas to be increased. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume divides that biochar the activation production. Such physical absorbion usually employs a temperature in the range of GOBC ¹ ZDAC ² , spinlying the energy intensity required for such a biochar that that that and an energy and the sorbid strainty required biochar that the traditional methods. SEE is able to achieve a 15 field increase into those the method bio biochower than bet additional methods. SEE is able to achieve a 15 field increase integrit components SEE 40 ² . Now-temperature activation methods remove significant amount of exchangeable mineral components, which further hanhance the hydropholicity of the biochards ²⁰ in terms and that carbon and ables. The method straining in the three costal controls of that kinocok. Harrison and ables. The Monthere carbon will help support the effort to develop and sustain a highly qualified workforce, as well as support the partnership efforts with the local shool districts and high schools, Mississippi Guif Coast Community College (MGCCC), Pael River Community College (PRCC) and MDES WiN Job Center.	, , ,	Yes	No	Yes	Yes	Yes	No	No	,	'es	\$	2,000,000.00	\$ -		
	63 12/19/201		I BReessity for Activation and Newly discovered Method Absorption is a major technology for the remediation of spilled oil and contaminated water. Sorbent&E ^{ws} absorption capacity and ultimate face are anayor cost factor for this technology. Absorption capacity, in turn, depends mainly on the sorbent&E ^{ws} absorption capacity internal pore volume and surface area. Negven and Pignatelio (2013) reported that biocher from hardwood has a lower absorption capacity than those of many synthetic absorbers. Thus, internal pore volume of biochers thas to be increased. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume divides that to be hincreased. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume of biochers that to be hincreased. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume divides that bio charbon production. Such physical absorption usually employs a temperature in the range of GOBC*TDAC*. spinlyng large throughput to the activation is much water and used that the carbon of the carbon of the chargestable mixeral camponents, which in there are activated in the two conduction in the table carbon of the chargestable mixeral camponents, which in there hance the hydrophysicity of the biochards ^{2®} internal waters. Considering these benefits of energy consumption and those The Workfore Gorfern microammends developing a two-year marketing campaign flouxion on promoting workforms and the local school districts and high schools. Mississippi Guid Coast Community College (MGCCC), Pearl River Community College (PRCC) and MDES WIN Job Centeer.		Yes	No	Yes	Yes	Yes	No	No		fes	\$	2,000,000.00	\$ -		
	63 12/19/201		I BReessity for Activation and Newly discovened Method Absorption is a major technology for the remediation of spiled oil and contaminated water. Sorbent&E'''s absorption capacity and ultimate faite are a major cost factor for this technology. Absorption capacity, in turn, depends mainly on the sorbent&E''s internal pore volume and surface area. Negven and Pignatello (2013) reported that biochar from hardwood has a lower absorption capacity than those of many synthetic absorbents. Thus, internal pore volume of biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume divides that bioch increased. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume divides that bio bein researed. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume divides. Weinsteed carbon production. Recently, the Sustianable Energy so temperature in the range of GOBC*120AC*, signifying the energy intreasity required for such activation process. Recently, the Sustianable Energy and Environment (SEE) group at the University of Mississippil (UM) developed a family of new methods for biochtra activation paporach is simple and requires agents that are readily available everywhere. Moreover, 12 9 to 1380 m2/g. This activation approach is simple and requires agents that are readily available everywhere. Moreover, the Workforce Cortam recommends veloping a two-year marketing campagatine function of northers in function that school districts and high school swellow regime water water sing and provident to develop and as transing the base school districts and high schools. Mississippi GI Goast Community College (MGCCC), Parl River Community College (PRCC) and MMES VIN Job Center. The campaign will tonect high school students, parents and the usemployed with the community College training programs and companies in need of a skilled workforce. The tas tastying on the Mississippi GI Coast and ta	, , ,	Yes	No	Yes	Yes	Yes	No	No		fes	\$	2,000,000.00	\$ -		
	63 12/19/201		I BReessity for Activation and Newly discovered Method Absorption is a major technology for the remediation of spilled oil and contaminated water. Sorbent&E ^{ws} absorption capacity and ultimate face are anayor cost factor for this technology. Absorption capacity, in turn, depends mainly on the sorbent&E ^{ws} absorption capacity internal pore volume and surface area. Negven and Pignatelio (2013) reported that biocher from hardwood has a lower absorption capacity than those of many synthetic absorbers. Thus, internal pore volume of biochers thas to be increased. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume divides that to be hincreased. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume of biochers that to be hincreased. CO2 and water are usually used to burn a fraction of carbon in generating larger pore volume divides that bio charbon production. Such physical absorption usually employs a temperature in the range of GOBC*TDAC*. spinlyng large throughput to the activation is much water and used that the carbon of the carbon of the chargestable mixeral camponents, which in there are activated in the two conduction in the table carbon of the chargestable mixeral camponents, which in there hance the hydrophysicity of the biochards ^{2®} internal waters. Considering these benefits of energy consumption and those The Workfore Gorfern microammends developing a two-year marketing campaign flouxion on promoting workforms and the local school districts and high schools. Mississippi Guid Coast Community College (MGCCC), Pearl River Community College (PRCC) and MDES WIN Job Centeer.	, , ,	Yes	No	Yes	Yes	Yes	No	No		fes	\$	2,000,000.00	ş -		
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	63 12/19/201		I BRecessity for Activation and Newly discovered Method Absorption is a major technology for the remediation of spilled oil and contaminated water. Sorbent&C**s absorption capacity and ultimate false are anajor cost factor for this technology. Absorption capacity, in turn, depends mainly on the sorbent&C**s internal pore volume and surface area. Nguyen and Pignatello (2013) reported that biochar from hardwood has a lower absorption capacity than those of many synthetic absorbents. Thus, internal power volume of biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generating inger pore volume di biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generating inger pore volume of biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generating inger pore volume di biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generating inger pore volume di biochar biochards. The sone port of the carbon inger pore volume di biochard biochards and the range of GOBCT/20AC's, spinlyng the energy intressily required for such calculation tark was conducted in the temperature range 65740°C. The energy throughput for the activation is much lower than the traditional methods. SEE table to achive a Erol dincrease in internal surface area, from 22.9 to 1350 mJ/g. This activation approach is simple and requires genits that are reading to and programs. Mich further enhance the hydrophockicy of the biochardsC* in thermal surface. Considering these benefits of energy consumption and those the Workforce Contam recommends developing at to-very marketing campaign focused on promoting workfore development and training in the three costal counts of Hancock, Harrison and Jackson. The marketing campaign will be achibot chardsC+ and a shift workfore. Though Informative, the campaign will concentrate one bang persusuks in nature two discost costal dis a shift workforce. Though	, , ,	Yes	No	Yes	Yes	Yes	No	No		fes	\$	2,000,000.00	\$ -		
	53 12/19/201		I Brecessity for Activation and Newly discovered Method Absorption is a major technology for the remediation of spilled oil and contaminated water. Sorbent3C**s absorption capacity and ultimate fate are a major cost factor for this technology. Absorption capacity, in turn, depends mainly on the sorbent3C**s internal pore volume and surface area. Negven and Pignatelio (2013) reported that biochar from hardwood has a lower absorption capacity than those of many synthetic absorbers. Thus, internal pore volume of biochar has to be increased. CO2 and water are usually used to bun a fraction of carbon in generating larger pore volume of biochar has to be increased. CO2 and water are usually used to bun a fraction of carbon in generating larger pore volume of biochar has to be increased. CO2 and water are usually used to bun a fraction of carbon in generating larger pore volume of biochar has to be increased. CO2 and water are usually used to bun a fraction of carbon in generating larger pore volume of biochar thas to be increased. CO2 and water are usually used to bun a fraction of carbon in generating larger pore volume of biochar thas to be increased. CO2 and water are usually used to bun a fraction of the increase in internal surface area. From embods for biocharc hackland methods commoe significant amount of exchangeable mixeral components, which further exclusion is much lower than the traditional methods. SEE is able to achieve a 16 fold increase in internal surface area, from hance the hydropholicity of the biochards** Internal surfaces. Considering larger goroumption and those the Workfore Gortsam recommends developing a two-year marketing campaign focused on promoting workforre development and high schools. Mississipi Guif Coast Community College (MECCL), Part River Community College (PRCC) and MIDES WIN Job Center. Though informative, their parents and their guidance courselos to convey the dopportunities available through atternate education and training. The ten arealing will concenting t		Yes	No	Yes	Yes	Yes	No	NO		fes	s	2,000,000.00	5 -		
	63 12/19/201		I BRecessity for Activation and Newly discovered Method Absorption is a major technology for the remediation of spilled oil and contaminated water. Sorbent&C**s absorption capacity and ultimate fate are a major cost factor for this technology. Absorption capacity, in turn, depends mainly on the sorbent&C**s internal pore volume and surface area. Nguyen and Pignatello (2013) reported that biochar from hardwood has a lower absorption capacity than those of many synthetic absorbers. Thus, internal pore volume of biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generating inger pore volume di biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generating inger pore volume of biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generating inger pore volume di biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generating inger pore volume di biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon in generating inger pore volume di biochar has to be increased. CO2 and water are usually used to burn a fraction of carbon inger port to has the carbon port of the carbon port of the carbon receives in information are considered in the range of GOBC*LOAC*C, spinlyng with carbon port of the carbon papeah is minipe and requires ageits that are readed on generation information functions of the boothark&C* Internal surfaces. Considering these benefits of nergy consumption and these the Workforce Cortain eccommends developing at to-very marketing campaign focused on promoting workforce development and training in the three coastal counts of Hancock. Harrison and Jackson. The marketing campaign will be community college training page multi- and MISS WIND college. Miceocc Through Informative, the campaign will concentrate on being persusake in nature two distons on ensualing reliance. The advectore that using on the Mississip	x x	Yes	No	Ves Ves	Yes	Yes	No	No		fes	5	2,000,000.00	5 -		
	63 12/19/201		I Brecessity for Activation and Newly discovered Method Absorption is a major technology for the remediation of spilled oil and contaminated water. Sorbent3C**s absorption capacity and ultimate fate are a major cost factor for this technology. Absorption capacity, in turn, depends mainly on the sorbent3C**s internal pore volume and surface area. Negven and Pignatelio (2013) reported that biochar from hardwood has a lower absorption capacity than those of many synthetic absorbers. Thus, internal pore volume of biochar has to be increased. CO2 and water are usually used to bun a fraction of carbon in generating larger pore volume of biochar has to be increased. CO2 and water are usually used to bun a fraction of carbon in generating larger pore volume of biochar has to be increased. CO2 and water are usually used to bun a fraction of carbon in generating larger pore volume of biochar has to be increased. CO2 and water are usually used to bun a fraction of carbon in generating larger pore volume of biochar thas to be increased. CO2 and water are usually used to bun a fraction of carbon in generating larger pore volume of biochar thas to be increased. CO2 and water are usually used to bun a fraction of the increase in internal surface area. From embods for biocharc hackland methods commoe significant amount of exchangeable mixeral components, which further exclusion is much lower than the traditional methods. SEE is able to achieve a 16 fold increase in internal surface area, from hance the hydropholicity of the biochards** Internal surfaces. Considering larger goroumption and those the Workfore Gortsam recommends developing a two-year marketing campaign focused on promoting workforre development and high schools. Mississipi Guif Coast Community College (MECCL), Part River Community College (PRCC) and MIDES WIN Job Center. Though informative, their parents and their guidance courselos to convey the dopportunities available through atternate education and training. The ten arealing will concenting t	r 9 	Yes	No	Yes	Yes	Yes	No	No	,	16	\$	2,000,000.00	5 -		

Research and	4272 12/23/2014 Stennis International	HCPHC and Pearl River Community College jointly proposed to establish an Aerospace Academy at Stennis International Airport.	Hancock	Yes	No	No	No	Yes	No	Yes 10	00 Yes	\$ 2,000,000.00	\$ -				
Education	Airport Aerospace Academy	With the proliferation of aerospace development in the greater Hancock County region, Stennis International Airport is primed to serve as home for Mississippi's Aerospace Academy. The academy will train the next generation of aerospace workforce in Mississippi and create a tremendous competitive advantage for the stat's aerospace development efforts.															
Research and Education	4276 12/27/2014 Misisioppi Coastal Heritage Restoration, Education, & Preservatio Trail	Product in the excited to establish the Mississipi Gastal interlage Trail (MC1T), a 100- mile multi-use pathway linking coatal normanutic from Gard Bay Matoona Education Reserve to MCAMT* infinity Science Carlotter. While increasing guildle on advertisheding and providing guildle. Access to multival renorces interpretive rists, waterways, silands, and forest. White increasing guildle also provide an opportunity to educate community memory and visions also water the effects of the Deep Water Motion OII Spill on Gard Coast communities. MCHT will serve as an educational tool to texh about the interaction between humans and the marine environment as well as offer recentational across the patiential foreway stretching across the Hostocia and Culturally (HC MS) where residents and visitors alide common the method patient of the Water Hostocia and Culturally. Mississippi Guil Coast. The MCHT will serve as the backbone of the physical network of cultural, histocical and natural places where residents and visitors to the coastal exosystems that surround them through recreational traits and conservation education projects. Hit is creatively foreting commetions to education and tourism growth through traits and greenways while safe guarding the quality of coastal destinations. HTP is creatively desting and human tourism growth through thraits and greenways while safe guarding the quality of coastal destinations. HTP has realitively and the Mississippi Guil Coast (in 4 alalogue about creating a network made up of blowersy and greenways where one of the rotics. HTP Accessible and (MCHT), recigned by the US. Depariment of therice fritters, including community leades of conservation, business, planning and health organizations, now leads the effort to creat the Mississippi Guid Coastal leveling at [MCHT], recigned by the US. Depariment of miscine fritters of the precisions for the coastal leveling of instative. HTP has beecine a vibrant instrument for information exchange and building of interagency trust,	Harrison,J	Yes 7	78 Yes	\$ 25,775,000.00	Ş -										
Research and Education	4282 1/2/2013 Georgeneration composition for the Cent Research (CMR) in Mississippi.			Yes	No	Yes	Yes	Yes	No	Yes	Yes	\$ 5,000,000.00	Ş -				
Research and Education	Community Program	region are dependent upon a strong economy and thus a highly qualified workforce. In turn, a highly qualified workforce in turn, a highly qualified workforce in turn, a highly qualified workforce internation programs. Such workforce training programs, and the comprehensive, coordinated, integrated and regional workfore training programs. Such workforce training and the cognited credentials. To meet the workforce training programs and the Mississipi Gulf Cast workforce in turn workforce training programs. Such workforce training programs and the most program check of the Mississipi Gulf Cast workforce conting the cognite of credentials. To meet the workforce training program will be accomparence of the Mississipi Gulf Cast Work-Ready Community College (MCCC) and Pearl Nerce Community College (MCCC), propose the Mississipi Gulf Cast Work-Ready Community Trogram. The pall of the program will be to cultivate a more highly qualified workforce on the Mississipi Gulf Cast Work-Ready Community Trogram. The pall of the program will be to cultivate a more highly qualified workforce the Mississipi Gulf Cast Work-Ready Community Trogram will be accelerated to the cost Mississipi Gulf Cast Work-Ready Community Trogram will be accelerated to the Mississipi Gulf Cast Work-Ready Community Trogram will be accelerated to the cost Mississipi Gulf Cast Work-Ready Community Trogram will be accelerated to the cost Mississipi Gulf Cast Work-Ready Cast W		Yes	No	Yes	No	Yes	No	No	Yes	\$ 3,500,000.00		create new e	urriculum		
Research and Education	4292 1/6/2015 Public/Private Training Partnership Program		Harrison, Jackson, Hancock	Yes	No	Yes	No	Yes	No	No	Yes	\$ 2,000,000.00	ş -				

Research and																
	4298		It is recommended that \$2,019,250 in Restore Act Funds be utilized to launch a ONE COAST Scenic Byways and Relocation	Hancock, Y	Yes	50 Ye	es	\$ 2,019,250.00	ş -							
Education		and Relocation Campaign	Campaign to drive tourism and real estate sales.	Harrison,												
				Jackson												
			A decade in the making, Beach Boulevard in Hancock County, is the only shoreline along the MS Gulf Coast that has received t													
			designation as a Mississippi Scenic By-way. The vision for a scenic byway did not stop at the 13 miles of shoreline in Hancock													
			County. The 30 miles in and around NASA候s Stennis Space Center buffer zone, an untouched natural green space that can													
			never be developed, is now part of the By-ways to Space. The buffer zonea natural haven for birding, biking, fishing, camping	ng												
			and exploringis not only a national asset for homeland security and defense, but also for the emerging new eco-tourism													
			product of the Mississippi Gulf Coast.													
			Work is underway now to connect the beach boulevard by-way to the rest of the Gulf Coast by naming Highway 90 in Harrison	1												
			and Jackson counties as Scenic By-ways, to celebrate the 100th Year Anniversary of the Old Spanish Trail. During 2015, the by-	-												
			way will extend into Harrison County up to Debuys Road. There is interest from Jackson County leaders to extend the by-way													
			there and in Biloxi, segmentation may be required to carve out the Casino Districts.													
			A Mississippi Scenic Byway designation can benefit a community in several interrelated ways: Resource protection; Commun	ity												
			recognition as a source of pride; Economic development/tourism through visitor kiosks, vista spots to serve tourists;													
			Community visioning to address roadway corridors and land use issues; Partnering by bringing individuals, land owners, the													
			public and private sector to partner for betterment of the community; Access to federal and state grants, trusts, loans and													
			assistance programs for safety improvements, facilities, improvements to access areas, protecting historical and cultural													
			recourses													
			The mission of the Mississippi Coast's two new scenic byways is to preserve, enhance, protect and promote the natural,													
			historic and cultural tourism intrinsic values of 62 miles of scenic roadways for the enjoyment and education of the American													
			public. The goal of the scenic by-ways programs is to introduce the Byways to Space and the Beach Boulevard Scenic Byways t													
			the public by:	-												
			and public by:													
1			-Taking advantage of the INFINITY Science Center, a Mississippi Tier I tourist attraction that opened in mid April 2012 that has a											1		
1			focus on the science of land, sea, and outer space.											1		
-	-															
Research and	4299		Mississippi Gulf Coast Business Resource Centers	Jackson, Y	res	res	Yes	res	res	No	No	Ye	es	\$ 8.40	\$ ·	
Education		Business Resource Centers		Hancock,										1		
1			Entrepreneurial support is one of the keys to positioning communities for economic success in tough times. With the econom											1		
1			struggling to get back on track following Katrina, the Gulf Oil Spill, Isaac and the recession, there was and still is a need to fuel	Counties										1		
			the small business engine by giving entrepreneurs and companies the support they need to re-open their doors, recover,													
			expand and hire more workers.													
			When the Deep Horizon Oil Spill hit, the Hancock Chamber of Commerce was poised to launch the business resource recovery													
			center, using the Katrina model as a template. In the aftermath of Hurricane Katrina, the Hancock Chamber of Commerce was													
			on the ground immediately providing technical assistance to businesses. Through a Gulf Oil Spill Grant grant from the Econom	nic												
			Development Administration, the Hancock Chamber of Commerce together with the Hancock Community Development													
			Foundation and the City of Bay St. Louis established a Regional Business Resource Recovery Center (BRRC) for the Mississippi													
			Gulf Coast and managed the center from July 2011 â€" December 2013. In 2013, the Hancock Chamber was awarded the													
			Community Economic Development Award for this program by the Mississippi Economic Development Council.													
			The center has now become dormant due to lack of funding.													
			Through this proposal, we recommend that a total budget of \$8.4 million be allocated from the Restore Act Funds to fund a													
			Mississippi Gulf Coast Business Resource Center Program.													
1			Using the Hancock Chamber Model, we propose to Develop a Small Business Task Force & Business Resource Center in each													
			county, using existing Chambers of Commerce to bring all key stakeholders together to:													
			county, using existing Chambers of Commerce to bring all key stakeholders together to:													
			counity, using existing Chambers of Commerce to bring all key stakeholders together to: Stabilite local businesses; Mabilite; Jobs and incomes for individuals;3 Mabilite: community structures;													
			county, using existing Chambers of Commerce to bring all key stakeholders together to: Stabilize local businesses; Babilize jobs and incomes for individuals;2													
			county, using existing Chambers of Commerce to bring all key stakeholders together to: Stabilize look and incomes for individuals;8 Mabilize community structures; Mebuild community, business and consumer confidence; Met tragets and meines; and,													
			county, using existing Chambers of Commerce to bring all key stakeholders together to: Stabilite local businesses; Babilite community structures; Babilite community structures; Bebuild community, business and consumer confidence;													
Research and	4302	1/16/2015 Oil Spill Aftermath	county, using existing Chambers of Commerce to bring all key stakeholders together to: Stabilize look and incomes for individuals;8 Mabilize community structures; Mebuild community, business and consumer confidence; Met tragets and meines; and,	JIF	Yes	Yes	No	No	No	No	No	N	10	\$ 90,700.00	S - Communit	y interviews
	4302	1/16/2015 Oil Spill Aftermath Assessment on Asian	courb, using existing Chambers of Commerce to bring all key stakeholders together to: Stabilite local businesses; Babilite Jooks and incomes for individuals;# Babilite community structures; Bebuild community, business and consumer confidence; Bet tragets and intenies; and, Bentfly existing plans and resources. During the influx of Vietnamee refugees throughout the 1970s and 1980s, Vietnamese families migrated to the Mississippi Gs.		Yes	Yes	No	No	No	No	No	N	10	\$ 90,700.00	S - Community	y interviews
Research and Education	4302		county, using existing Chambers of Commerce to bring all key stakeholders together to: Stabilite look all winserse; Babilite jook and incomes for individuals;8 Babilite community, business; and Bert fargets and timelines; and, Bert fargets and treasurces. During the influx of Vietnames refugees throughout the 1970s and 1980s, Vietnamese families migrated to the Mississippi G Casas to work in the seafood industry. They stated to work in Biox's seafood factories as oyster shuckers and shrimp packers	5.	Yes	Yes	No	No	No	No	No	N	10	\$ 90,700.00	\$ - Community	y interviews
	4302	Asssesment on Asian	courb, using existing Chambers of Commerce to bring all key stakeholders together to: Stabilite local businesses; Babilite Jook and incomes for individuals; Babilite community structures; Bebuild community, business and consumer confidence; Bet tragets and intenies; and, Bet fig visiting plans and resources. During the influx of Vistamice refugees throughout the 1570s and 1580s, Vietnamese families migrated to the Mississippi Gs Coast to work in the seafood industry. They started to work in Biba's seafood factories as oyter shuckers and shrimp packers Some Vietnamese Familar to commercial fishing in Vietnam baceme successful as a himp boat capitar and dechands. Now	5.	Yes	Yes	No	No	No	No	No	N	10	\$ 90,700.00	\$ - Community	y Interviews
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	4302	Asssesment on Asian	courb, using existing Chambers of Commerce to bring all key stakeholders together to: Stabilite local businesses; Babilite Jobs and incomes for individuals; Babilite Community structures; Bebuild community, business and consumer confidence; Bet tragets and timelines; and, Bentf yesting plans and resources. During the influx of Vietnameer entregates: throughout the 1370s and 1380s, Vietnamese families migrated to the Mississippi GR Coast to work in the seriodo Industry. They started to work in Bio's seriodo factories as oyster shuckers and shring packers some Vietnamese finitemen make up almost half of the state's commercial fahemen in Mississippi. The Vietnamese American community's goolitation increased to more than 8,000 from const. 3200. These Indies served Town's Bras Christian, Bio's Culford, Diberville, Ocean Springs, Gautler and Paccagoula. Majority Vietnamese households in the Sach Mith Mississippi depend on the sardooi factory workers and distributors.	s. Xi,	Yes	Yes	No	No	No	No	No	N	le	\$ 90,700.00	5 - Communit	y interviews
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	4302	Asssesment on Asian	courb, using existing Chambers of Commerce to bring all key stakeholders together to: Stabilite local businesses; Babilite community structures; Bebuilte community structures; Bebuilte community structures; Bebuilte community business and commerce confidence; Bet tragets and mellines; and, Bernff weishing plans and resources. During the influes of Vertammeer enlargees throughout the 1970s and 1980s, Vietnamese families migrated to the Mississippi Got Coast to work in the seafood industry. They started to work in Biol's seafood factories as cyster shuckers and shrining packer Some Vietnamese Chamber of Vertammeer enlargees throughout the 1970s and 1980s, Vietnamese families migrated to the Mississippi Got Coast to work in the seafood industry. They started to work in Biol's seafood factories as cyster shuckers and shrining packer Some Vietnamese Chamber of Vertammeer enlargees through the Vertammeer enlarge to the Mississippi Got Coast to work in the seafood industry. They started to work in Biol's seafood factories as cyster shuckers and shrining acker Some Vietnamese (Coast Spring, Scatter and Pacagoula, Madyerty Vertammeer busines) the Fasc Christian, Biol Confloor, Dithevilt, Coasto Spring, Scatter and Pacagoula, Madyerty Vertammeer busines like Fasc Christian, Biol Coast to work in the seafood industry, and 2000 Vietnamese individuals are directly emgloyed by the seafood industry as commercial thermere, alreado chardy westart directures and structures. The BF of Biol Coantamisto, The Asian American community francibulties, environmentally, calturally, sciolally, and spychologically. These communities are most dependent on commercial, substitence and recreational harvestif of naturesity about the Kluure, far of dood coantamisto, The Asian American community francibulation to genetic to document the needs of our community is and barbing the sognophilare soulding. Ladian American for Change would like to propose and is plain flemath community sansstement on the Asian American community working and Intiger to b	s. 1 me	Yes	Yes	No	No	No	No	No	N	10	\$ 90,700.00	S - Communit	y interviews
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	4302	Asssesment on Asian	courb, using existing Chambers of Commerce to bring all key stakeholders together to: Stabilite local businesses; Babilites community structures; Bebuiltes community structures; Bebuiltes community structures; Bebuiltes community business and communer confidence; Bet tragets and memilens; and, Berth (vesting allams and resource). During the influer of Vertammeer entrigeness throughout the 1570s and 1580s, Vietnamese families migrated to the Mississipp GG Coast to work in the seafood industry. They started to work in Biba's seafood factories as oyter shuckers and shring packer Some Vietnamese Influereme make up almost half of the stafe's commecial fibremen in Mississipp IT. The Vertammeer Anterican Coast to work in the seafood industry. They started to work in Biba's seafood factories as oyter shuckers and shring packer Some Vietnamese Influereme make up almost half of the stafe's commecial fibremen in Mississipp IT. The Vietnamese Anterican Coast to work in the seafood industry. They started to work in Biba's seafood factories as oyter shuckers and schmade. Now Vietnamese Influereme make up almost half of the stafe's commecial fibremen in Mississipp IT. The Vietnamese Anterican Coast to stafe and the coast paints, Gale and Pascagoula, Moderny Mertshmeer Houshohts in the Society on the seafood industry as Coommunity financially, environmentally, colturally, collably, and psychologically. These communities are most dependent on community financially, environmentally, colturally, collably, and psychologically. These communities are most dependent on community financially, environmentally, colturally, collably, and psychologically. These of bodd containston, the hask of the dave particular solutions. If the impact comes county from uncertainty about the luture, and for dave sear particulary luticeable to the disruption caused by this distart: the social fabric of our community is allow than expression to the Alan American community working and line to popose on all gal Blumeth community sessessment on the Alan Amer	s. 1 me	Yes	Yes	No	No	NO	No	NO	N	io	\$ 90,700.00	5 - Communit	y interviews
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Research and Education					1											1 1
	4319	2/20/2015	Requirements Analysis and		Hancock,	Yes	No	No	No	Yes	No	No	Ye	es	\$ 1,475.	10 \$ -
			System Architecture Definition for an	Deepwater Horizon incident and natural phenomena, including severe storms, sea level rise, coastal depletion, hypoxia and compromised water quality. Decision makers have not been afforded with the actionable information and knowledge needed	St Tammany											
			Operational Ocean	to make well informed decisions in interest of the public and the associated businesses and industries along the Mississippi Gul												
			Observation and Modeling	Coast with regards to short and long term coastal management.	ackson,H											
			System		arrison,Ja											
				Apparent in recent man-made and natural disasters is the inability to predict the effects of these events due to the lack of in-	ckson											
				situ sensors, ability to assimilate data from all sources and modeling the effects of these events in a timely manner. Two												
				prominent examples are the case of Deepwater Horizon, the ability to rapidly forecast the direction of the spill and Hurricane												
				Katrina, the ability to accurately predict storm surge. Also, resulting from Deepwater Horizon was the need for baseline												
				environmental conditions. In order to respond to these anthropogenic and natural disaster in both tactical and strategic time												
				scales, is an operational center inclusive of comprehensive sensing, modeling and forecasting capability and the associated												
				infrastructure along the Gulf of Mexico, specifically the Mississippi Gulf Coast, to adequately respond to these environmental												
				conditions occurring at temporal scales from hours to decades and spatial scales from meters to kilometers.												
				Proposed is to document requirements for a sustained operational center, from observations to decision products, and develop												
				and end-end Concent of Operations (CONOPS) for MS RESPONSE. This would be based on requirements from all stakeholders												
				to include, but not limited to, the Mississippi Department of Environmental Quality (DEQ), Department of Marine Resources												
				(DMR) and other local, state, and federal. From an economic development perspective, accellue Economyacithis will include												
				industry located on the Gulf Coast and outside will be interviewed to determine requirements for a test-bed that would attract												
				industry to locate on the Mississippi Gulf Coast. Federal Agencies will be interviewed to determine their requirements,												
				including test-bed and range requirements. This will include but not limited to Office of Naval Research (ONR), Commander,												
				Naval Meteorology and Oceanography Command (CNMOC), Naval Oceanographic Office (NAVOCEANO) and National												
				Oceanographic and Atmospheric Administration (NOAA). It is fully recognized this is not a complete list and once work is												
				initiated many stakeholders will be added and interviewed.												
	1		1	Based on all assimilated requirements a CONOPS for MS RESPONSE operational center will be developed. This will be an all-	1										1	
Research and	4330	6/1/2015	Fishing Industry	The fishing industry along the Mississippi coast, commercial and recreational, is one of the largest contributors to the local	Hancock	Yes	Yes	Yes	Yes	No	No	No	N	lo	\$ 70,000.	10 5 -
Education		-, -,	Educational Outreach	economy, with nearly \$250M in sales and representing 5550 jobs (2011 statistics). In general, guotas within the various State-											,,000.	· · · ·
	1			regulated and Federally-regulated fisheries are antiquated, with the result of extremely conservative quotas. There is an effort	1										1	
				by the Mississippi Department of Marine Resources (DMR) to update those quotas based on more scientific methods than used												
				in the past. Once new quotas are in place, there is an opportunity to educate local fishermen on theses quotas and the reasons												
				behind them. Increasing their understanding of the process and the results is expected to assist in adhering to new quotas and												
				to establish a collaboration through which other scientific results can be communicated.												
				The Mississippi Enterprise for Technology (MSET) was recently awarded a grant from the Small Business Administration (SBA) for												
				a Marine Industries Science and Technology (MIST) cluster. The award was made under the SBA's Regional Innovation												
				Cluster (RIC) program to assist in the growth of small businesses involved in marine science and technology (S&T) along the Gull												
				of Mexico coast.												
				This proposal under the RESTORE Act would provide an educational outreach mechanism for the MIST cluster and DMR												
				representatives to interact with the local commercial and recreational fishing industry. The main focus of this interaction would												
				to educate the fishing industry on rules, regulations, and quotas, as well as how these were derived and how they will help												
				support sustainable fisheries. In many cases, fishermen are only afforded the final results (quotas) for various areas. It is felt												
				that more knowledge of the processes and the results will provide a better understanding of the established quotas and how												
				they support sustainability.												
				The team for this proposed project is MSET personnel in conjunction with DMR personnel. The project plan is to create a series												
				of meetings convening members of the fishing industry. In the first year, three meetings in each of the three coastal Mississippi												
				counties are planned. The first will be an introductory meeting explaining some of the existing rules, regulations, and quotas												
				and the reasons behind them. Feedback will be accepted on the most pressing issues associated with quotas, or perhaps other												
				aspects of the industry. Meetings two and three will address questions posed in the first meeting, present updates on quota												
				assessments, and present other pertinent information to the industry.												
Research and	4249	4/12/2015	Lady Fab Trio (travel,	The "NHR Blueprint Foundationâ€ils a 501c3 non-profit organization working to address the specific needs and problems		Vor	No	No	No	Vor	No	No	V/		\$ 750,000.	20 E
	4340	4/13/2013	higher education, and					NO	NO		NO	NO	16	e5		
															+,	
				associated with young women. Established in 2013 in Diamondhead, MS, with the business office in Gulfport, MS, our mission is				_			_					
			health management)	to aid our community in launching eradication of disparities amongst women. We aim to emphasize encouraging young women							_				,	
				to aid our community in launching eradication of disparities amongst women. We aim to emphasize encouraging young women to stay in school, pursue entrepreneurship and travel, and be fabulous! Our goal is to encourage young women to pursue												
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				In ald our community in launching eradication of disparities amongst women. We aim to emphasize encouraging young women to stary in school, provise entergeneeunity in and travel, and be fobulosof. Dur organis to encourage young women to pursue broader horitons in career and travel, including obtaining passports, diresting for success, higher education, health imagement and free enterprise. Dur vision is to spearhead a generation of young lades more cognizant of opportunity, health yilwing, and the benefits of vensatile travel. We hope to connect with every community from the Gulf Coast to Jackson to encourage the altitude &&Codon&C*t view me as a princess, see me as PresidentI&E In starying keeping with our goals of travel, higher education, and health management, the Lady Fab Trio encompasses three programs: Operation Worldly Girl, Heart Beat to the Beat, and Medical Room Ready. &&CoDeration Worldly Girl (WOS)&EBs a program that will asist high school female junions and senios in receiving passports and acquiring howeling of foreign oportunities, and bring that experience back to benefit the state of Mississipol. We will contract with the local passport office to have staff on site to process selected young laides. The event will embody guest speakers that will introduce laides to study abord opportunities, internships, nummer and seniors in receiving passports will only promote travel to the caribean and canada, the goals is for OWS to become an annual program that will emilist programs catering to young women. This includes guest speakers, winkships, guess, junternational doods juncheo, dress for programs catering to young women. This includes guest speakers, workshops, games, international foods juncheo, dress for speakers, enconstrations, enconstrative. We will provide young and many other activities. We will provide your or uge stepakers, developments. We will on or uge stepakers, developments, we will provide young and many other activities. We will provide young or uge stepakers, developments, we will p												
				In all our community in launching endication of disparities amongst womes. We aim to emphasize encouraging young women to stary in school, prove enterprenervating and travel, and be fabluosi. Urg organis to encourage young women to pursue broader horizons in career and travel, including obtaining passport, diresting for success, higher education, health management and free enterprise. Durivision is to separated a generation of young ladies more cognizant of opportunity, healthy living, and the benefits of versatile travel. We hope to connect with every community from the Gulf Coast to Jackson to encourage the attitude a & actionative '' view me as a private star and the education, and health management, the Lady Fab Trio encompasses three programs. Operation World's Gulf (World's a groups and the education, and health management, the Lady Fab Trio encompasses three programs. Dependitor World's Gulf (World's a groups mit health star) that the observation of the star of the education is and sensitive actionation world's Gulf (World's a groups mit health star) the short head pursues and sensitive star and keypoint the star of Missiopi. We will expeakers that will introduce ladies to study aborad opportunities, interprising, knowned has enviror tins. Though the initial place and activity that will provide young ladies. The world will offer many fund informative representatives that will introduce ladies to study aborad opportunities in truppe and Asia. OW will offer many fund informative programs. Carefore to the Carabasport office includes guest programs the will provide accommodations for our guest speakers, hororarium, entity to young women. This includes guest speakers, workshops, guess, international colds luncheo, cless for success make-over, demonstration, and many other activities. We intrody considers of shores the truppe and careform onsite, and processing of passport. This												
				In all our community in launching eradication of disparities amongst womes. We aim to emphasize encouraging young women to stary in school, provise entergeneeunity in and travel, and be fobulosof. Dur ogains to encourage young women to pursue broader horitons in career and travel, including obtaining passports, diresting for success, higher education, health imagement and free enterprise. Dur vision is to spearhead a generation of young lades more cognizant of opportunity, health ying, and the benefits of versalite travel. We hope to connect with every community from the Gulf Coast to Jackson to encourage the attitude & & & & & & & & & & & & & & & & & & &												
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				In all our community in launching eradication of disparities amongst womes. We aim to emphasize encouraging young women to stary in school, provise entergeneeunity in and travel, and be fobulosof. Dur ogains to encourage young women to pursue broader horitons in career and travel, including obtaining passports, diresting for success, higher education, health imagement and free enterprise. Dur vision is to spearhead a generation of young lades more cognizant of opportunity, health ying, and the benefits of versalite travel. We hope to connect with every community from the Gulf Coast to Jackson to encourage the attitude & & & & & & & & & & & & & & & & & & &												
				In all our community in launching endication of disparities amongst women. We aim to emphasize encouraging young women to say in school, prove entergeneeunship and travel, and be fabiluosi. Cli organis is to encourage young women to pursue broader horizons in career and travel, including obtaining passports, diresting for success, higher education, health management and free enterprise. Duri vision is to spearbed a generation of young ladies more cognizant of opportunity, healthy living, and the benefits of versatile travel. We hope to connect with every community from the Gulf Coast to Jackson to encourage the attitude & & & & & & & & & & & & & & & & & & &												
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Research and Education	4359	4/25/2015 Moored Observations in the Missisopp light: Environmental Monitoring System	The Central Guif of Mexico Ocean Observing System (CenGOOS) was implemented in order to address a gap in operational ocean observations on the continental shell is the central Guif of Mexico. This is a very dynamic region where invertime input, dominated by the Mississippi River build alo influenced by other rivers such as those discharged through Meble Bay, has a majo influence on oceanographic processes. Seasonal hypoxia has occurred time at text the 150504°*s (Brunner et al., 2006), and it was observed in each of the System 5 of project headed by the Pi and funded by the Northern Guif Institute. In December of 2004 CenGOOS began operations when a 3 m discus bouw, with satellite data telemetry, was deplyed at a location south of horn Siand near the 20 m isobalt. This bouw was damaged during hurrican katratin a August 2005, but despite being draged by strong waves and currents over a path of some 55 km, the buoy survived the storm and provided high frequency, real-time data that a mooring can provide. Recently the dementis of a safloor package have been ordered that all give monitoring information on the safloor temperature by statem. August 2005, but decreased the dub august and tatentary systems. Deployee the value of high frequency, real-time data that a mooring can provide. Recently the dements of a safloor package have been ordered that all give monitoring information on the safloor temperature bus values of this locaving system. Indicating pressures have decreased the dub august and tatentery systems. Deploy the value of housing strotem, thing greast strategies by storms. Buoth and disclosaring system. Indicating pressures have decreased the operating budget for the buoy and there is some danger of losing funding indigger busits the decreased the operating budget for the buoy and there is some danger of losing funding indigger busits and components, the continue to boy questions. Budget and the can be used to loss at a saffic questions. Budget and the used to a loss data in the used to		Yes	Yes	No	Yes	No	Yes	Yes	15 Yes	\$ 340,380.00 \$ -	
			meteorological conditions are like, how strong and in what direction currents are flowing, when hypoxia has begun to form, hoo long hypoxia lasts; bite costal ocean being affected by ocean acidification, as well as a helping to answer whole host of other questions. Collaboration with other projects will add to overall understanding. Mississippi costal resource managers (e.g., DEQ and DMR) will be surveyed to see if information products can be tailored to meet their needs. The location of the boaymonoring its 24 002318, 865-7700. The safelor monoring will be placed at the edge of the watch circle of the mooring chain. The Central Gulf of Mexico Ocean Observing System buoy system will be modernized, missing instrument inventory will be replaced, and a second safeloor mooring will be purchased to rotate with the first. This will ensure the continuation of high quality data.											
Research and Education	4367	5/19/2015 Restoration Plan for the Henderson Point Property	This restoration plan has two components. First, the terrestrial portion of the property will be restored to its historic, natural use by removing concrete and misclemeas debris from the property. Invasive species will be removed, and an invasive species management plan will be implemented. This will allow native vegetation to infitrate and grow on the property. The second component is to stabilize the shoreline and reduce shoreline ension through the construction of several breakwaters along the western shore of the property. These breakwaters structures will be constructed with recycled concrete removed from the property. They will also create habitat for oysters, crabs, and fish.	Harrison	Yes	No	No	Yes	No	Yes	No	No	\$ 600,000.00 \$ -	
Research and Education	5371	Retreat	The propert will create an experience for visitors and students to study artists and the inspiration that comes from the natural landcapes of the Guif Coast. This includes providing a exting and accompations for artists and visitors to experience the landcapes of the Guif Coast. This includes providing a exting and accompations for artists and visitors to experience the landcapes of the Guif Coast. This includes providing a exting and accompations for artists and visitors to experience the landcapes of the Guif Coast. This includes and creating physical components of the cultural indicapes that enhance comprehension of the influence of climate and ecology, providing educational opportunities about natural indicapes and cultural resources and providing accessor induration and components of the stude scala studies. Guif Coast landscapes serving as inspiration for the programs will be the marilines live oak forest, the beach landscape the Schooner Pier study. Chamber of Commerce will be restored to its natural condition through the tacklamient of and dunes, intermittent sait and chamber beach manse. The encolan of Deer Island will be topped and land mass regenerated. Encolan protection and will protect the existing beach and enhance ido makemets and stat marker be and landscape exist the beach add grows on the island. The antialbalance of brankwares and sait marker be and acid core (the buildand will protect the existing beach and enhance ido makemets and sait marker be and acid core (the buildand will protect the existing beach and enhance ido makemets and sait marker be and cardition on the beach and enhances. Future anomals did of the included (marker terve and will be toppared and marks assessed for vistor access. Additional tree proved will strate on the island or proved biodiversity in the forests and to firstors. Fore avail will be instanded?"s animals. An situand management plan will be implemented to accommodate visitors vasing strategiences will be supported withs coasts on will be avail acid and winde t		Ϋ́es	No	No	Yes	No	Yes	Yes	30 Yes	\$ 11,000,000.00 \$	
Research and Education	5378	7/7/2015 Intelligent Communities: Heiping mark communities: transition to, plan for, and prosper in the digital age	awareness of what the implications of the digital age are for rural communities. The next step is the community completing a checklist that will serve a a benchmark and glain to more dynamic. The institute coordinater securics to address the needs identified in the checklist report. For example, helping communities with their conline presence, deploying or enhancing poblec- to help with their knowledge workforce, increasing telehealth awareness, providing digital literacy, workshops, etc. The ultimate objective is to help rural communities become intelligent. An intelligent community is one that understands the challenges of the digital age and takes conclous steps to prosper in it. If funded, this proposal will target both coastal communities as well as more rural communities to the north and help them transition to the digital age. This gees hand in hand with Governor Byant's plan to increase broadband connectivity on the coast. Broadband connectivity is but one component that needs to be coupled with education and awareness to better use the technology. The intelligent Community Outreach achieves precisely that.		Yes	No	Yes	No	Yes	No	No	Yes	\$ 150,000.00 \$ -	
Research and Education	5380	7/13/2015 Reef Fich Bavotrauma Reduction, Education and Outreach Program	here fits such as snapper, grouper, ambegiak and sometimes red drum caught in waters desper than 30 feet can suffer from barctrauma. Restricts essoons, cred limits and site limits are droing the release of reef finh and untrageted species caught by angies out of season. Bartrauma reduction devices allow the fish to be returned back to the depth from which it was caught without punctioning the skin or swin bladler. Research facilities and angies in the Gulf have been experimenting with the use or barctrauma reduction devices recently and have determined they are an effective way to return fish to the depth from which they were caught and increase survival rates. Increasing survival rates can possible yead to more conservation and industry groups such as the Costati Conservation Association and American Sportfishing Association and Lorealises. Privited materials videos and workshops should be targeted barards. An exercise and estable the and lorealises. Privited materials devices and costations should be argeted barards and charter captains and efforts should be provide reduction devices to anglers and captains.	,	Yes	Yes	No	Yes	No	Yes	No	No	\$ 1.00 \$ -	

Research and Education		Restoring Gulf Coast Industry and Reinvesting (in generating Existing and New Business Development	Icovery from the effects of natural disasters and accountic and community development in the state of Mississippi. Hancock, Harrison, Jackson Counter in Mississippi are part of the costal Region which severely suffers from challenges in business development, economic disparities, poor school systems and inadequate predictable measures for warning evacues and respondes during disaster events. A multi-faceted approach capable of maximizing existing resources while creating an effective & &c&Conomic Engine&Bis needed to simulate job creation in the trageter degion. This engines has to be strong enough to &&c&dirv&&direConstent (level of development while creating tools that will produce short-term, mid-term and long-term results. The Transcean and BP stittments can be effective & &c&Dirbor and BP course to achieve set objectives capable of strataming effective economic growth. We believe the goal in the Costal region bould be to create a value, productive and growing economy capable of maximing its ich nases. Laboratories to effective & & & & & & & & & & & & & & & & & & &	George,Ja ckson,Sto ne,Hanco ck,Pearl River,Mo bile,St Tammany	Yes	Yes	Yes	Yes	Yes	Yes	res :	25 Yes	\$ 10.00		
Research and Education		IS Coordinated Strategy for Sea Turtle Recovery in the Guif	 NFVF and its partnere, including manager from all five Gulf State, USPVS, NOAA, and NFS, as well as NGGa and science institutions, propose to restore Gulf populations of sa autrelis through the following 3 strategies. This work builds on 53.8M in previous investments NFVF has made to bolster Gulf sea turile populations since june 2010. 3) Bytach Reduction - This two-part strategy is projected to save the reproductive equivalent of a minimum of 3,000 nesting females over five years: a) NFVF will provide five vookners for 7,000 Turite Excluder Devices (TEbs) to LA and AL fishermen to cover 100% of this faher, and work with state managers to fort training and sistance on TEI binatilion, and inspections and usability follow-up testing. b) NFVF will crowner state and federal agents to standardize enforcement. d) all cover is that and federal agents to standardize enforcement, data collection and usability follow-up testing. b) NFWF will cover its the apacity of states to enforce the use of TEDs, and evaluate the results of increased enforcement. a) Restor Restoration - This three-part strategy is projected to save the reproductive equivalent of 2,400 nesting females over five yaar: a) Predeor Control: NFWF will establish a fund to invest \$300,000 annually in preducion reduction efforts on high density nesting beaches, in Fund AL to maintain prededion levels or blow 20% in prepetivity. b) Liph Pollution Reduction: NFWF and USPKS will protect 2, missing beaches, and rina county code enforcement staff to dates sighting problems. c) Habitat To nebuction: NFWF and USPKS will protect 2, missing beaches, and train county code enforcement staff to dates sighting problems. b) Liph Pollution Reduction of ASYMFS will protect 2, missing beaches, and train county code enforcement staff to dates sighting proble		Yes	No	No	No	No	Yes	No	No			
Research and Education		15 National Diabetes and Obesity Research Institute	design and building estimates. The National Diabetes and Obeshiy Research Institute (NDORI), a Mississippi (MS) non-profit 501 (c)(2) corporation, is an innovative, transitional research Institute focused on the population-based study and treatment of diabetes and obesity, currently in its infancy. The singular focus of NDORI is to find a cure for diabetes - a disease that impacts more than 15% of MCS population. NDORI is located at Tradition, a 4,800-acre master-planned community in Harrison County at the intersection of Highway 67 and Highway 605 north of Bilod and Gulfpoct. NDORI represents a unique opportunity to invest in the long-term health of the state, solution the MS Gulf Coast a a regional leader in the growing health and Ill-sciences industry, create a catalyst for exponential economic growth, and promote community stability through development and investment. The concept would be one of the commentions of a methodra. Buschem MS one shows the Media CIP, In spring 2018, Southern MS Planning and Development District (SMPDD) commissioned Ardwin, Laffer, and Moore Comometrics and the University of Subtem MS to study was published as 46x07ms Socieconomic impact of a Healthcare Research Cluster Tradition, Missission) ² . Baed on the proven theory that calcuer of healthcare and Moore Comometrics and the University of Subtem MS to study was published as 46x07ms Socieconomic impact of Healthcare proximity to one another will accelerate innovation, this intellectual how WII serve as a catalyst for medical industry growth, residential development, and parimage study measured the potential for future growth of NORI and Tradition Musicereal facilities in proximity to one another will accelerate innovation of healthcare, research institutions and health and Ill escinner companies. The economic impact study measured the potential for future growth of NORI and Tradition Musicereal facilities in an total alboratory publicined to address the diffects of diabetes and health and Ill cesting calcument	Harrison, Forrest, Pearl River, Jackson, Mobile, St Tammany	Yes	No	Yes	Yes	Yes	No	i i	81 Yes	\$ 57,000,000.00		
Research and Education	5465 2/16/20	16 Computerized RESTORE	Developing Working Proposals to hire University Researchers and Marketers to address the RESTORE act and present the proposal 100% into dimensional sections for fundamental learners comprehensive training and developmental studies in progress. Each University Researcher that provide a biographical sketch, resume, CV etc. will be assessed to his or here RISTORE ACT decision making team. There will be implementation of US Millary and International Interventions and redesign ROTC		Yes	Yes	Yes	Yes	Yes	Yes	/es	Yes	\$ 18,000,000.00	\$ -	
Research and Education	5466 3/2/20	16 Long Beach Handicapped and Wounded Warrior Baseball Complex	Workforce Innovation Training and Development. This project consists of the development of a baseball complex designed specifically for handicapped and Wounded Warrior persons. There will be three Miracle League Fields, one concession stand, two parking areas and a signed and landscaped entrance. The total cost of the project will be approximately \$2 million. 3 fields = § 5500,000 each91, 500,000 1 Concession Stands 150,000 2 Parking Area® 200,000 Signed and Lanscaped Entrance® 100,000 GRAND 10714/01,950,000 The project will be located on publicly owned land at the existing site of the Long Beach Senior Center and baseball park.	Harrison	Yes	Νο	No	Yes	No	No	NO	No	\$ 2,000,000.00	Ş -	

Research and 5488 Education	6/15/2016 Pearl Rover stream flow monitoring	The lower Pearl River system is a rich and diverse ecological system that is home to a variety of aquatic and terrestrial species, including several on the endangered species list such as the Gulf Surgeon. The hydrologic system is a braided system of nago- and mior channels and is is heavily induced by several manufact structures including a canal with hole low-water sits and and mior channels and is heavily induced by several manufact structures including as canal with hole low-water sits and fow characteristics of the system. Most of the flow cames from the Paral River Listd, which drains more than 6.700 Square miles for characteristics of the system. Most of the flow cames from the Paral River Listd, which drains more than 6.700 Square miles flow in the region. In their instance, the hydrologic flow models generally users in Mioissipp and Bogue Chito in clusisiana contribute some flows. Tesary precipitation events in the costal region of these tributaries can be primary contributors to the flow in the region. In the instance, the hydrologic flow models generally user in Mioissipp and Bogue Chito in clusisiana contributes some flows. Tesary precipitation events in the costal region of these tributaries (as he primary contributors to the flow and the system. Not close the River being the major contributor. The transfer of ownership and possible removal of the canal, locks, and silis are the subject of ongoing discussions between federal, sitter, and local agencies. Some hydrologic and bolgic data are currently being collected in the system, but none of those currently being collected integrates the cumulative streamflow of the system. Additionally, data are not currently being agengated and housed in one central location to faitlate ease of access. Furthermore, litte in to comprehensive background data, streamflow or water quality, whist to document chinges to either flow patterns, subgreds-datament transport, or water quality of the area? The purpose of this project is to collect water level,	St Tammany ,Hancock, Orleans	Yes	Yes	No	No	No	Yes	Yes	20 No	\$ 425,000.00	\$ -	
		distribution between the channels. The computed discharge data will be filtered using a tidal filter to compute the daily flows in the river at the L3. Edglway 50 crossing, Additionally, stage and velocity data will be collected at the CSX Rainado through crossing at the mouth of the river to compute the flows through that channel to augment the collection of water quality data at that location. These data will allow the impact of the flows from the tidal fluctuitos on the distribution of the hadwatter flows to be analyzed. The cost to obtain the equipment needed for the collection of time-series data at two locations, and add velocity seriors at the thirds, 857,500,000 and will be collected for 5 years, 857,0000 per years, which will allow for the data to be												
Research and 5490 Education	6/24/2016 Land Acquisition for expansion of Grand Bay National Wildlife Refuge and National Estuarine Research Reserve	This effort seeks to permanently protect lands identified by the U. S. Fish and Willife Service and the State of Mississippi a critical for acquisition and long-term management by the Grand Bay National Willife Relige (NWR) and Grand Bay National Schunner Reserver (NRR). This project will add sprominately 1.68 services to the nearly 18,000 acres currently owned by the U.S. Fish and Willife Service and the State of Mississippi. T. Williad critical coastal ands to the Grand Bay National Mississippi and the State of Mississippi and the State of Mississippi and the State of Mississippi acres (State NRR) and Grand Bay National Schulter Beneric NRR). The State of Mississippi acress the state acress the state of Mississippi acress the state acr	Jackson	Yes	No	No	Yes	No	Yes	No	No	\$ 2,000,000.00	S -	
Research and 5505 Education	8/11/2016 Guif Coast Institute for Minority Leadership in Natural Resources	The Deepwater Horizon OII Spill caused latsing ecological and socio-economic impacts in Guif of Mexico (GM) and adjucent land resources. Efforts have been initiated to restore impacted ecosystems. Such restoration efforts will be long-term and R&Tss imperative that a well-rained cade of biologists with leadership skille exists to resure that such resourch and refers of the adders are consistent, ensure multiagency cooperation, and fulfil liong-term gals. It&Ts imperative that demographics of these leaders are consistent, ensure multiagency cooperation, and fulfil liong-term gals. It&Ts imperative that demographics of these leaders are consistent, ensure multiagency cooperation, and fulfil liong-term gals. It&Ts imperative that demographics of these dond&T+reflect the citizenny of Guif Coastal states, on even the U.S. The population of counties bordering GM was 12523.710 to Marka 1252.710 to Marka 1252.71		Yes	No	No	No	Yes	No	NO	No	\$ 15,662,208.00	\$ -	

				1 1 1				-	-								
	11/13/2016	EFFECT OF	Lead Institution #Mississippi State University (MSU), Mississippi State, MS	Harrison,J	Yes	No	No	No	NO N	NO N	10	No		\$ 10,000,000.00	ş -		
Education		ANTHROPOGENIC NOISE	Collaborating Institutions: Institute for Marine Mammal Studies (IMMS), Gulfport, MS	ackson,H													
1 1			Naval Research laboratory (NRL), John C. Stennis Space Center, MS	ancock,St													
		BEHAVIOR OF MARINE		Tammany													
		MAMMALS AND SEA	Project Duration B years	1 /													
		TURTLES IN MISSISSIPPI		1 /													
		WATERS	Project Cost:\$2,000,000 per year (MSU: \$1,100,000 per year; IMMS & NRL: \$900,000 per year)	1 /													
				1 /													
			INTRODUCTION:	1 /													
				1 /													
			The interaction between anthropogenic (resulting from human activity) sound, marine mammals, and other species has been	1 /													
			identified as a key subject both by the Marine Board-European Science Foundation (ESF) and the US National Science	1 /													
			Foundation (NSF). While there are no laws or regulations that specifically address the effects of anthropogenic noise on marine	1 /													
			life, there are pieces of legislation (e.g., the Marine Mammal Protection Act and the Endangered Species Act) that provide	1 /													
			avenues for approaching the issue. Human-generated noise has recently become a concern for the National Oceanic and	1 /													
			Atmospheric Administrationaters (NOAA) National Marine Sanctuary Program and has been an ongoing issue outlined in a study	1 /													
			conducted by the Ocean Studies Board of the National Academies of Science and Engineering.	1 /													
				1 /													
			The Mississippi Gulf Coast (MGC) is home to a thriving oil and gas industry, recreational and commercial fisheries, commercial	1 /													
			shipping, and military exercises. Still, all of these activities are known to produce anthropogenic sound into the aquatic	1 /													
			environment, possibly impacting marine life (Romano et al., 2004; Samuel et al., 2005; Tyack, 2009). Currently, the extent of the	1 /													
			impact of sound produced by these industries on bottlenose dolphins (Tursiops truncatus) and Kemp候s ridley sea turtles	1 /													
			(Lepidochelys kempii) in the Mississippi Sound is unknown.	1 /													
				1 /													
			The effects of anthropogenic noise on marine mammals are diverse could include hearing loss, alterations in feeding patterns,	1 /													
			breeding behavior, and changes in migration patterns (Environmental Investigation Agency, 1998). Anthropogenic sound can	1 /													
		1	also cause masking and threshold shifts in marine mammal hearing. Masking is defined as the level the sound must reach	/													
													└──┤				
	12/9/2016	Provide Daily Ocean-	a)The project will provide daily graphic display of Ocean and atmospheric conditions in the Mississippi sound and shelf to the	Hancock,	Yes	No	Yes	Yes	40 Y	res Y	es	10 No		\$ 200,000.00	ş -		
Education		Weather reports to local	local harbor masters and coastal managers and the public. Ocean-weather includes winds, ocean currents, water quality and	St .													
		news channel and Harbor	clarity (diver's visibility), ocean temperature, water turbidity, and additional ocean conditions at a spatial and temporal	Tammany													
		Masters along the	resolution not presently available on a daily time schedual. Visual products from these data would be provided from now-cast	,Mobile,J													
		Mississippi coast.	oceanographic models and satellite imagery on daily bases that can be made public through the University of Southern	ackson,Pe													
			Mississippi (USM) Ocean Weather Laboratory. Harbor Masters require daily updates to the local ocean conditions so that ships	arl /													
			operations can be performed accurately and safely. This capability will enhance the coastal operations for safety and	River,Harr													
			commercial applications and support the growth of port activity along the coast.	ison													
				1 /													
			b)Our local coastal community will be provided with local ocean-weather conditions for the Mississippi coastal waters to	1 /													
			support commercial utilities such as fisheries, recreational boating, beach conditions, water clarity and turbidity plumes	1 /													
			swimming and diving purposes. Ocean-weather products will be a major extension of the local weather conditions reported on	1 /													
			the television news. Conditions will be reported daily on websites and sent to daily television news. The public will be	1 /													
			informed of local ocean conditions, so they can take advantage of present research capability at USM. Public awareness of	1 /													
			ocean conditions will increase ocean activities along the Mississippi coastal waters. This capability will provide both improved	1 /													
			safety on ocean conditions and improve occupation and activities on our coastlines. Areas for recreation fishing, boating, diving	1 /													
			etc, will be improved.	1 /													
				1 /													
			Local water quality will be reported to the Mississippi Department of Environmental Quality and Department of Marine	1 /													
			Resources, so they can inform the news and public about water safety conditions along the coast. Unsafe conditions could be	1 /													
			related to public safety for beach users and fisherman include harmful algal blooms or contaminated waters. The Ocean	1 /													
			Weather Laboratory at the USM will assemble satellite products and model products to provide a unique capability for	1 /													
				1 /													
			visualization of ocean activity in the Mississippi Sound, Shelf and offshore waters. These ocean-weather conditions will provide	1 /													
			the public a new capability for monitoring and overseeing our coast and provide improved safety and public health response	1 /													
			and management operations. These ocean weather data can be used to support the coast guard for tracking movement of	1 /													
			debris and support search and rescue in the Miss sound and shelf.														
			debits and support search and research the most sound and shell.	k													
	5/3/2017		Pollinator Health in Urban and Rural Communities	George,H	Yes	No	No	Yes	(es Y	(es Y	'es	Yes		\$ 110,000.00			
Research and 5551 Education	5/3/2017	Wildlife and People- Public	Pollinator Health in Urban and Rural Communities Pollinator Health is about our social and economic impacts and how all citizens can play a role in its success. Many times	arrison,W	Yes	No	No	Yes 1	íes Y	res Y	'es	Yes		\$ 110,000.00	****	_	
	5/3/2017		Pollinator Health in Urban and Rural Communities		Yes	No	No	Yes 1	Yes Y	(es)	'es	Yes		\$ 110,000.00	****		
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	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator Health in Urban and Rural Communities Pollinator Health is about our social and economic impacts and how all citizens can play a role in its success. Many times research on environmental projects do not have the opportunity to be applied on the ground in a variety of venues with nontraditional audiences. So, if research does impact citizens of all walks, it can exist in a synetter success rate for the mission	arrison,W ashington ,Perry,For	Yes	No	No	Yes 1	fes Y	res Y	'es	Yes		\$ 110,000.00	*****		
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator Health in Urban and Rural Communities: Pollinator health is about our social and economic impacts and how all citizens can play a role in its success. Many times research on environmental projects do not have the opportunity to be applied on the ground in a variety of venues with nontraditional audiences. So, if research does impact citizens of all walks, it can result in a greater success rate for the mission and when data and knowledge is discussinated in a unique way it supports fulfing its true potential or establish greater span of	arrison,W ashington ,Perry,For rest,Pearl	Yes	No	No	Yes	(es Y	/es Y	'es	Yes		\$ 110,000.00	*****		
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator Health in Urban and Rural Communities Pollinator Health is about our social and economic impacts and how all citizens can play a role in its success. Many times research on environmental projects do not have the opportunity to be applied on the ground in a variety of venues with nontradiational audiences. So, if research does impact citizens of all walks, it can exist in a greater success rate for the mission and when data and knowledge is disseminated in a unique way its upports fulfilling its true potential or establish greater span o those impacted by the benefits. This project puts research, exication, MBAy, technology and deutacion in the hands of local	arrison,W ashington ,Perry,For rest,Pearl River,Jack	Yes	No	No	Yes Y	res Y	/es Y	'es	Yes		\$ 110,000.00	****		
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator Health in Urban and Bural Communities: Pollinator health is about our social and economic impacts and how all citizens can play a role in its success. Many times research on environmental projects do no have the opportunity to be applied on the ground in a variety of venues with nontraditional audiences. So, if research does impact citizens of all walks, it can result in a greater success rate for the mission and when data and knowledge is discussimated in a unique way it supports fulfing its true potential or establish greater span of those impacted by the benefits. This project puts research, ducation, MIPes, technology and education in the hands of local citizens and community leaders that can make a difference on their orporties, their community build link and specialty crop	arrison,W ashington ,Perry,For rest,Pearl River,Jack	Yes	No	No	Yes	res Y	/es Y	ies	Yes		\$ 110,000.00	*****		
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator Health in Urban and Rural Communities: Pollinator Health is about our social and economic impacts and how all citizens can play a role in its success. Many times research on environmental projects do not have the opportunity to be applied on the ground in a variety of venues with nontraditional audiness. So, if research does impact Citizens of all walks, it can exist in a synetter success rate for the mission and when data and knowledge is disseminated in a unique way its upports fulfilling its true potential or establish greater span of hose impacted by the benefits. This project puts research (exication, MPA; technology and education in the hands of local citizens and community leaders that can make a difference on their properties, their community public lands and specially con- fimers. Most local citizens do not have a clue how pollinator health impacts the quality and production of their food. The	arrison,W ashington ,Perry,For rest,Pearl River,Jack son,Mobil e,St	Yes	No	No	Yes	(es Y	res Y	ies	Yes		\$ 110,000.00			
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator Health in Urban and Bural Communities: Pollinator health is about our social and economic impacts and how all citizens can play a role in its success. Many times research on environmental projects do not have the opportunity to be applied on the ground in an variety of venues with nontraditional audiences. So, if research does impact citizens of all walks, it can result in a greater success rate for the mission and when data and knowledge is discussmitted in a unique wity tsupports fulfing its true potential or establish greater span on those impacted by the benefits. This project part search, education, BMPs, technology and education in the hands of local citizens and community leaders that can make a difference on their opperites, their community builds indias and specially coop fameers. Most local citizens do not have a cue how pollinator health impacts the quality and production of their food. The MUCT entwork provides a very hands-comportunity to determine if citizens in these audiences can gain a better	arrison,W ashington ,Perry,For rest,Pearl River,Jack son,Mobil e,St Tammany	Yes	No	No	Yes	(es Y	res Y	'es	Yes		\$ 110,000.00	****		
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator Health in Urban and Rural Communities: Pollinator health is about our social and economic impacts and how all citizens can play a role in its success. Many times research on environmental projects do not have the opportunity to be applied on the ground in a variety of venues with nontraditional audiness. So, if research does impact citizens of all walks, it can exist in a synetter success rate for the mission and when data and knowledge is disseminated in a unique way its upports fulfilling its true potential or establish greater span of hose impacted by the benefits. This project puts research (exication, MPA; technology and education in the hands of local citizens and community leaders that can make a difference on their properties, their community public lands and specially con- fimers. Most Icoci citizens do not have a clue how pollinanch realth impacts the quality and production of their food. The MUFC network provides a very hands-on opportunity to determine if citizens in their audies running ensure that "mater" simportant. MUFC has	arrison,W ashington ,Perry,For rest,Pearl River,Jack son,Mobil e,St Tammany ,Stone,Ha	Yes	No	No	Yes	res Y	/es Y	'es	Yes		\$ 110,000.00	****		
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator Health in Urban and Bural Communities: Pollinator health is about our social and economic impacts and how all citizens can play a role in its success. Many times research on environmental projects do not have the opportunity to be applied on the ground in a variety of venues with nontraditional audiences. So, if research does impact citizens of all walks, it can result in a greater success rate for the mission and when data and knowledge is discussmitted in a unlique way it supports fulfing its true potential or establish greater span of those impacted by the benefits. This project part search, education, BMPs, technology and education in the hands of local citizens and community leaders that can make a difference on their opperties, their community bullic links and specially cop fameers. Most local citizens do not have a cue how pollinator health impacts the quality and production of their food. The MUCT entwork provides a very hands-comportunity to determine if citizens in these audiences can gain a better understanding of the role they play in pollinator health, the practices they can implement and why itsd ²⁴ 's important. MUCF have many versor of using research data and applying it to our citizen audio more and near these communities.	arrison,W ashington ,Perry,For rest,Pearl River,Jack son,Mobil e,St Tammany	Yes	No	No	Yes	res Y	res y	les	Yes		\$ 110,000.00			
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator Health in Urban and Rural Communities: Pollinator health is about our social and economic impacts and how all citizens can play a role in its success. Many times research on environmental projects do not have the opportunity to be applied on the ground in a variety of venues with nontradiational audiences. So, if research does inspact citizens of all walks, it can exist in a spreter success rate for the mission and when data and knowledge is disseminated in a unque way it supports fulfilling its true potential or establish greater span of those impacted by the benefits. This project puts research, diveation, MMPs, technology and deutation in the hands of local citizens and community leaders that can make a difference on their properties, their community public lands and specially cop- firmers. Most local citizens do no thave a due how pollinator health impacts the quality and production of their food. The MUFC network provides a very hands-on opportunity to determine if citizens in there audiences can gain a better understanding of the role they play in pollinator health, the particles thy can implement and why titles' important. MUFC has many years of using research data and applying it to our cities and toms and the citizens inlying in and near these communities. The ultimate challenge of any research is applying that creater on the more and providing sound technology transfer,	arrison,W ashington ,Perry,For rest,Pearl River,Jack son,Mobil e,St Tammany ,Stone,Ha ncock	Yes	No	No	Yes	res Y	res Y	'es	Yes		\$ 110,000.00	***		
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator Health in Urban and Bural Communities: Pollinator health is about our social and economic impacts and how all citizens can play a role in its success. Many times research on environmental projects do not have the opportunity to be applied on the ground in a variety of venues with nontraditional audiences. So, if research does impact citizens of all walks, it can result in a greater success rate for the mission and when data and knowledge in discumsteate in a unique way it supports fulfing lists true potential or establish greater span of those impacted by the benefits. This project puts research, education, BMPs, technology and education in the hands of local citizens and community leaders that can make a difference on their properties, the community build inclass and specially crop farmers. Most local citizens do not have a cue how pollinator health impacts the quality and production of their food. The MUCF entwork provides a very hands-comportunity to determine if citizens in these audiences can gain a better understanding of the role they play in pollinator health, the practices they can implement and why itad ^{ers} important. MUCF have many versor of using research data and applying it to our crites and toxens and near these communities. The utimate challenge of any research is applying that creaters on the mission through and collaborations. We will	arrison,W ashington ,Perry,For rest,Pearl River,Jack son,Mobil e,St Tammany ,Stone,Ha ncock	Yes	No	No	Yes	res Y	fes Y	les	Yes		\$ 110,000.00	***		
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator Health in Urban and Rural Communities Pollinator health is about our social and economic impacts and how all citizens can play a role in its success. Many times research on environmental projects do not have the opportunity to be applied on the ground in a variety of venues with nontradiational audiences. So, if research does inpact citizens of all walks, it can exist in a spreter success rate for the mission and when data and knowledge is disseminated in a unque way it supports fulfilling its true potential or establish greater span of those impacted by the benefits. This project puts research (exication, MBA; technology and education in the hands of local citizens and community leaders that can make a difference on their properties, their community public lands and specially cop merses. Nost local citizens do not have a due how pollinator health inpacts the uguithy and production of their flocal. The MUFC network provides a very hands-on opportunity to determine if citizens in their audiences can gain a better understanding of the role they play in pollinator health, the practices they can implement and why thes' important. MUFC has many years of using research data and applying it to our citize and toms and the citizens inlying in and near their communities, demonstrating bet management practices and supporting the mission through creative partnership and collaborations. We will work through our municipal partners is conduct the workshops and implement and why the pollings traits. Currently, MUFC has 97	arrison,W ashington ,Perry,For rest,Pearl River,Jack son,Mobil e,St Tammany ,Stone,Ha ncock	Yes	No	No	Yes 1	res Y	res Y	es	Yes		\$ 110,000.00	****		
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator health is Urban and Bural Communities: Pollinator health is about our social and economic impacts and how all citizens can play a role in its success. Many times research on environmental projects do not have the opportunity to be applied on the ground in a variety of venues with nontraditional audiences. So, if research does impact citizens of all walks, it can result in a greater success rate for the mission and when data and knowledge is discommented in a unique way it supports fulfing lists true potential or establish greater span of those impacted by the benefits. This project puts research, education, MMPs, technology and education in the hands of local citizens and community leaders that can make a difference on their properties, their community build unds and specially crop farmers. Most local citizens do not have a cue how pollinator health impacts the quality and production of their food. The MUPC network provides a very hands-comportunity to determine if citizens in these audiences can gain a better understanding of the role they play in pollinator health, the practices they can implement and why IK3C ^{+s} important. MUPC has many versor of using research data and applying it to our citizes and towns and near these communities. The demonstrating better management practices and support the mission through and collaborations. We will work through our municipal partners to conduct the workshops and implement the pollinator state. Currently, MUPC has 37 communities in our Bloom Town Mississiopi program with werver community to our the coast included. All of these are willing to support the coast index partners to conduct the workshops and implement the pollinator states. Currently, MUPC has 37 will be the coast included. All of these are willing to	arrison,W ashington ,Perry,For rest,Pearl River,Jack son,Mobil e,St Tammany ,Stone,Ha ncock	Yes	No	No	Yes	Yes Y	fes Y	'es	Yes		5 110,000.00			
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator Health in Urban and Rural Communities Pollinator health is about our social and economic impacts and how all citizens can play a role in its success. Many times research on environmental projects do not have the opportunity to be applied on the ground in a variety of venues with nontradiational audiences. So, if research does inpact citizens of all walks, it can exist in a spreter success rate for the mission and when data and knowledge is disseminated in a unque way it supports fulfilling its true potential or establish greater span of those impacted by the benefits. This project puts research (exication, MBA; technology and education in the hands of local citizens and community leaders that can make a difference on their properties, their community public lands and specially cop merses. Nost local citizens do not have a due how pollinator health inpacts the uguithy and production of their flocal. The MUFC network provides a very hands-on opportunity to determine if citizens in their audiences can gain a better understanding of the role they play in pollinator health, the practices they can implement and why thes' important. MUFC has many years of using research data and applying it to our citize and toms and the citizens inlying in and near their communities, demonstrating bet management practices and supporting the mission through creative partnership and collaborations. We will work through our municipal partners is conduct the workshops and implement and why the pollings traits. Currently, MUFC has 97	arrison,W ashington ,Perry,For rest,Pearl River,Jack son,Mobil e,St Tammany ,Stone,Ha ncock	Yes	No	No	Yes 1	res Y	Yes Y	es	Yes		\$ 110,000.00	***		
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	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator Health in Urban and Rural Communities: Pollinator health is about our social and economic impacts and how all citizens can play a role in its success. Many times research on environmental projects do not have the opportunity to be applied on the ground in a variety of venues with nontraditional audiences. So, if research does impact citizens of all walks, it can result in a greater success rate for the mission and when data and knowledge is discussmitted in a unique way it supports fulfing its true potential to establish greater span of those impacted by the benefits. This project puts research, education, MINPs, technology and education in the hands of local citizens and community leaders that can make a difference on their properties, the community bublic lunds and specially cop farmers. Nost local citizens do not have a cue hour polinitator health impacts the quality and production of their food. The MUIC network provides a very hands-comportunity to determine if citizens in their audients can gain a better understanding of the role they play in polinitator health, the practices they can implement and why 184°s important. MUIC have many exist of using research data and applying it to cor citizen and communities. The community bublications on the sub- work through can unmicing and merits to conduct the workshops, and implement the pollinitar strices. Currently, MUIC has 97 communities in our Bioon Town Mississippi program with every community on the cost included. All of thes are willing to have a pollinator health itses. Other conduct the workshops and implement and education venues. Through this projectives and and even to install 12 demonstration sites and provide a entree of community on the cost tokingop, hands on and and were to install 12 demonstration is used and row envice the envicence to included. All of thes and on and and envices to install and envices on its and envices to includes.	arrison,W ashington ,Perry,For rest,Pearl River,Jack son,Mobil e,St Tammany ,Stone,Ha ncock	Yes	No	No	Yes	res Y	res Y	es	Yes		\$ 110,000.00	***		
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator health is Urban and Rural Communities: Pollinator health is about our social and economic impacts and how all citizens can play a role in its success. Many times search on environmental projects do not have the opportunity to be applied on the ground in a wrieth of venues with nontraditional audiences. So, if research does impact citizens of all walks, it can result in a groater success rate for the mission and when data and howedge is discontrated in a unique with supports fiding lists trung potential or stabilish greater span of those impacted by the benefits. This project puts research, education, BMPs, technology and education in the hands of local titerus and community leaders that can make a difference on their properties, their community builds und as and peciality crop farmers. Most local citizens do not have a cue how pollinator health impacts the quality and production of their food. The UMPC network provides a very hands-on opportunity to determine if citizens in their audientes; can gain a better understanding of the role they play in golfinator health, the practices they can implement and why IXAT's important. MUCF have the onstrate challenge of any research is applying it to our crises and towns and the citizens hiving in and collaborations. We will work through our municipal partners to conduct the workshops and implement the pollinator sites. Currently, MUCF has 97 host applicator health sites. Other local partners will include local community locaders, thory and privater poluders and and owners to instal 2 demonstration sites and provide a series of ources have adduction groups. Through this project we will partner with the groups we currently in our network and even new collaborators to include: workshops, hands on implementation of planting. social networking, local grees, needed executives. Through this project we will partner with the groups we currently in our network and even new collaborators to include: workshops, hands on implementation of planting. social n	arrison,W ashington ,Perry,For rest,Pearl River,Jack son,Mobil e,St Tammany ,Stone,Ha ncock	Yes	No	No	Yes 1	res Y	'es Y	es	Yes		5 110,000.00			
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator Health in Urban and Rural Communities: Pollinator health is about our social and economic impacts and how all citizens can play a role in its success. Many times research on environmental projects do not have the opportunity to be applied on the ground in a variety of venues with nontraditional audiences. So, if research does impact citizens of all walks, it can result in a greater success rate for the mission and when data and knowledge is discussmitted in a unique with support Sinfling Is true potential or establish greater span of those impacted by the benefits. This project puts research, deucation, BMPs, technology and education in the hands of local citizens and community leaders that can make a difference on their properties, their community bublic links and specially cop farmers. Most local citizens do not have a due hour pollinator health impacts the quality and production of their food. The MUFC network provides a very hands- comportunity to determine if citizens in these audiences can gain a better understanding of the role they play in pollinator health, the practices they can implement and why t3d ²⁺ s important. MUFC has many verso of using research dis a applying it to our citizens and towns and the citizens living in an ear these communities. The ultimate challenge of any research is applying the research on the ground, providing and columbratier. Were communities in our Bioon Town Missispip program with every community on the cost included. All of these are willing to to a spoll approximation to include columbration in the provide serve that are welling to and provide a very hands- call patrees will hould be clarcemmulty bears, ricking on and private producers and land owners to install 12 demonstration sites and provide a series of outrack and education venues. Through this project well and works to planting is could networking, local press, newsletters, web site, and large data base contacts. Contacts in the project included holisty patrees may resci the approximan	arrison,W ashington ,Perry,For rest,Pearl River,Jack son,Mobil e,St Tammany ,Stone,Ha ncock	Yes	No	No	Yes 1	res Y	res ¥	es	Yes		5 110,000.00	****		
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator health is Urban and Rural Communities: Pollinator health is about our social and economic impacts and how all citizens can play a role in its success. Many times search on environmental projects do not have the opportunity to be applied on the ground in a variety of venues with nontraditional audiences. So, if research does impact citizens of all waiks, it can result is a grouter success rate for the mission and when data ant innovedge is discontexed in a wey it supports fulfing its true potential or tables in praster span of those impacted by the beneficients. This project parts research, education, BMPs, technology and education in their ands of local those impacted by the beneficients. This project parts research, education, BMPs, technology and education in their ands of local MUIC notworks revised and composition of the program of the advectories of an and production of their food. The understanding of the role they play in a polinator health impacts the quality and production of their food. The understanding of the role they play in a polinator health, the practices they can implement and why IMAP's impacts. MUIC has 97 The ultimate challenge of any research is applying it to our every community to inductor states. Currently, MUIC has 97 the outs the states of the role they explore and the workshops and implement the pollinator states. Currently, MUIC has 97 that during that research data partners to conduct the workshops and implement the oduction venues. Through the project we will partner with the groups we currently in our network and even new collaborators to include: workshops, hands on implementation of planting, social heress. Proposed metrics involve thereas in a botter in the project we will partner with the groups we currently in our network and even new collaborators to include: workshops, hands on implementation of planting, social heress. Proposed metrics induce multiple socies of information and outputs in detail in the project include industry partners, mayors,	arrison,W ashington ,Perry,For rest,Pearl River,Jack son,Mobil e,St Tammany ,Stone,Ha ncock	Yes	No	No	Yes 1	res Y	fes Y	és	Yes		5 110,000.00			
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator Health in Urban and Bural Communities: Pollinator health is about our social and economic impacts and how all citizens can play a nole in its success. Many times research on environmental projects do not have the opportunity to be applied on the ground in a variety of venues with nontraditional audiences. So, if research does impact citizens of all walks, it can result in a greater success rate for the mission and when data and knowledge is discussmitted in a unique with support Sinfling Is true potential or establish greater span of those impacted by the benefits. This project puts research, education, BMPs, technology and education in the hands of local citizens and community leaders that can make a difference on their properties, their community bullicitands and specially cop farmers. Most local citizens do not have a cue how pollinator health impacts the quality and production of their food. The MUFC network (novides a very hands-con poptrunity) to determine if citizens in their audients; can gain a better understanding of the nole they play in pollinator health, the practices they can implement tand why tid?"s important. MUCF have many verso of using research das and palying it to our citizen and towns and the citizens in long in and collaborations. We will work through our municipal partners to conduct the workshops and implement the pollinator sters. Currently, MUCF this 37 to all states to all states differences and supporting the coll contract why easter, citizens, constant, MUCF have bas a pollitorith the produces and environe conducted local community blaces, rule caprous and private produces and land owners to install 32 demonstration sters and provide a series of outrack and education venues. Through this project well and environs to install 32 demonstrations sters and provide a carline series on provides pollices and land answers to install 32 demonstrations sters and provide a carline series on provides policiens and implementation of planting sculin networking, local	arrison,W ashington ,Perry,For rest,Pearl River,Jack son,Mobil e,St Tammany ,Stone,Ha ncock	Yes	No	No	Yes 1	Yes Y	res Y	es	Yes		5 110,000.00	***		
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator health is Urban and Rural Communities: Pollinator health is about our social and economic impacts and how all citizens can play a role in its success. Many times search on environmental projects do not have the opportunity to be applied on the ground in a wriety of venues with nontraditional audiences. So, if research does impact citizens of all waiks, it can result is a groater success rate for the mission and when data ant innovedge is discontexed in a wriety of success. Many times search on environmental projects do not have the opportunity to be applied on the ground in a wriety of venues with nontraditional audiences. So, if research does impact citizens of all waiks, it can result is a groater success rate for the mission those impacted by the benefits. This project parts research, education, MMPs, technology and education in their ands of local MUIC notworks revises avery hands - on opportunity to determine if citizens in these audiences can gain a better understanding of the role they play in a polimator health, the practices they can implement and why IMAT's impacts. MUIC has sort The utilitate challenge of any research is applying it to our protects and town and the coattin include and collaborations. We will work through our municipal partners to conduct the workshops and implement the polimator stess. Currently, MUIC has 97 that downstrain to tileno Two Mississio pirogram with were yrommunity to not education wereare. Through the project we will partner with the groups we currently in our network and even new collaborators to fundate and dud of the devent by noted and the searces of our the additionation stess. Through the project we will partner with the groups we currently in our network and even new collaborators to include: workshops, hands on implementation of painting, social heress. Propoede metrics induce multiple carecise of information as outline in detail in the project include industry partners, mayors, city leader, civic groups, darkametre, and is and the inde	arrison,W ashington ,Perry,For rest,Pearl River,Jack son,Mobil e,St Tammany ,Stone,Ha ncock	Yes	No	No	Yes 1	res Y	res Y	es	Yes		5 110,000.00	***		
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator Health in Urban and Bural Communities: Pollinator health is about our social and economic impacts and how all citizens can play a nole in its success. Many times research on environmental projects do not have the opportunity to be applied on the ground in a variety of venues with nontraditional audiences. So, if research does impact citizens of all walks, it can result in a greater success rate for the mission and when data and knowledge is discussmitted in a unique with support Sinfling Is true potential or establish greater span of those impacted by the benefits. This project puts research, education, BMPs, technology and education in the hands of local citizens and community leaders that can make a difference on their properties, their community bullicitands and specially cop farmers. Most local citizens do not have a cue how pollinator health impacts the quality and production of their food. The MUFC network (novides a very hands-con poptrunity) to determine if citizens in their audients; can gain a better understanding of the nole they play in pollinator health, the practices they can implement tand why tid?"s important. MUCF have many verso of using research das and palying it to our citizen and towns and the citizens in long in and collaborations. We will work through our municipal partners to conduct the workshops and implement the pollinator sters. Currently, MUCF this 37 to all states to all states differences and supporting the coll contract why easter, citizens, constant, MUCF have bas a pollitorith the produces and environe conducted local community blaces, rule caprous and private produces and land owners to install 32 demonstration sters and provide a series of outrack and education venues. Through this project well and environs to install 32 demonstrations sters and provide a carline series on provides pollices and land answers to install 32 demonstrations sters and provide a carline series on provides policiens and implementation of planting sculin networking, local	arrison,W ashington ,Perry,For rest,Pearl River,Jack son,Mobil e,St Tammany ,Stone,Ha ncock	Yes	No	No	Yes 1	Yes Y	(es Y	es	Yes		\$ 110,000.00	***		
	5/3/2017	Wildlife and People- Public and Private Lands	Pollinator Health in Urban and Bural Communities: Pollinator health is about our social and economic impacts and how all citizens can play a nole in its success. Many times research on environmental projects do not have the opportunity to be applied on the ground in a variety of venues with nontraditional audiences. So, if research does impact citizens of all walks, it can result in a greater success rate for the mission and when data and knowledge is discussmitted in a unique with support Sinfling Is true potential or establish greater span of those impacted by the benefits. This project puts research, education, BMPs, technology and education in the hands of local citizens and community leaders that can make a difference on their properties, their community bullicitands and specially cop farmers. Most local citizens do not have a cue how pollinator health impacts the quality and production of their food. The MUFC network (novides a very hands-con poptrunity) to determine if citizens in their audients; can gain a better understanding of the nole they play in pollinator health, the practices they can implement tand why tid?"s important. MUCF have many verso of using research das and palying it to our citizen and towns and the citizens in long in and collaborations. We will work through our municipal partners to conduct the workshops and implement the pollinator sters. Currently, MUCF this 37 to all states to all states differences and supporting the coll contract why easter, citizens, constant, MUCF have bas a pollitorith the produces and environe conducted local community blaces, rule caprous and private produces and land owners to install 32 demonstration sters and provide a series of outrack and education venues. Through this project well and environs to install 32 demonstrations sters and provide a carline series on provides pollices and land answers to install 32 demonstrations sters and provide a carline series on provides policiens and implementation of planting sculin networking, local	arrison,W ashington ,Perry,For rest,Pearl River,Jack son,Mobil e,St Tammany ,Stone,Ha ncock	Yes	No	No	Yes 1	Yes Y	res Y	ės –	Yes		\$ 110,000.00	***		

Research and Education		Presence, Potential Sources, Behavior and Fate of Endocrine Discupting Chemicals in Northern Edisoupting of Mexico Estuarine Systems	physicohemical mechanisms controlling the behavior and fate of complex mutures of known or supsected endocrine disrupting chemical (BCG) in the sey parts. IDCs are enabled and or synthetic compound whick, even at face exposure levels, can alter early development in vertebrates and invertebrates and cause serious effects later in life or even in successive generations. Known or suspected EDCs include many compounds used no produced during oil and gas septoration/production; some of the more recalitrant compounds suck on produced during oil and gas septoration/production; some of the more recalitrant compounds associated with raw cude oil are known/suspected EDCs. Cause assilt possible to cological approximation and the septoration of the section of the section of the more recalitrant compounds suck on produced during oil and gas don't destroy cells or tatck DNA. Rather, they traget a developing organima ⁴ /section markedly different from how we usually think of exposure to environmental contaminants. At the levels found in natural systems, EDCs don't destroy cells or tatck DNA. Rather, they traget a developing organima ⁴ /section cells and the messaging network (endocrine system). Organismi living in estuaries are particularly vulnerable to the effects of EDCs, mainly the nost productive biomes on earth; nearly 50% of the worldist ⁴ "s population lives or worls in close proximity to estuaries. Now muta source are used environmentals in the section of potential EDCs entering estuaries, although it to known that some EDL are present. The systems and that and search space developing censimashing and CDC sequence. Yes they sequence the students and used in the systems and that sense esticution estuaries. Section CDC sequence, they take sampling locations, a single sampling event, or both. Moreover, most dat on consider minutures of EDCs labors to a test encountered in developmental distributions of mutable EDCs whith real estuaries stresmes. The proposed project will spartition and partitioning to th		Yes	No	No	No	No	Yes	NG	\$ 2,000,000.00		
Research and Education		Anthropogenic and Biological sound scape assessment of the Mississippi Sound using passive acoustics	NOA Project IDF13027 Broake acoustics is a very versatile tool in studying both anthropogenic (boat tarlife, dreiging, etc.) and biological (file), marries mannali, invertebrate) sound sources. Iong term recorders can be deployed with oceanographic sensors for up to several months at various locations within the MS Sound to assess the presence, temporal and spatial distribution, and interactions of oth types of sound sources while also monitoring basic oceanographic properties such as temperature, salinity, and light. Post-recording detection algorithm analyses can identify sonferous fish and invertebrate species, saw ells a marine mannals, inhabiting the costal waters of Msissispip uwaters are also an important commercial stock. Assessing the distribution and potential changes in temporal are path labitat usage can directly affect management and restoration decisions. Marine mannais specifically are a sentine's peckes, reflecting the overall health of the costal costystem, and were greatly affected by the of signil. Being also to manage impacts to their survivol arbitat are also that tous that a the costal and restoration decisions. Marine mannais specifically are a sentine's peckes, reflecting the orabitat are variabitat to the start of the costal costystem, and were greatly affected by the ol signil. Being information about the impact of freshwater outflow on dolphin distribution and habitat range. Date Entered: May 3, 2017	Harrison, Hancock, Jackson	Yes	No	Νο	Yes	No	Yes	No No	\$ 60,000.00	\$ -	
Research and Education	5579 6/22/2017	Model open-ocean marine mammal habitats to guide their protection and conservation	NOA Project ID#13010: Detailed scientific data are lacking for many species of offhore maine mammals in the Gul of Mexico, or estroation activities will require an incremental approxim including initial data collection and monotring, that will vary by species and stock. To identify protriny threast there is an additional need for oppulation monitoring, and spatial habitat definition. Population assessment, monotring and habitat characterization is needed for offshore maine mammal populations due to the substantial gas in our understanding of these difficult to study species. The detailed offshore distribution of most follower maine mammal agencies is poor understanding of these difficult to study species. The detailed offshore distribution of most also neede. To address these limitations, all existing data on offshore maine mammals will be used to construct models of their distribution and habitat. These models will be reflered variad variated data collection may involve visual, accussiz, tagging and other methods. Areas of overlap between critical marine mammal habitat and potential your form anthrougenic activities will be selected as the force force for some of study. Population monitoring and habitat modeling are further required to assess the effectiveness of restoration strategies. Date Entered: May 2, 2017 Date Edited: May 3, 2017		Yes	No	Νο	No	No	Yes	No Ne	\$ 5,000,000.00	******	
Research and Education	5582 6/22/2017	Reduce vessel collisions with marine mammals	INOA Project IDF1307. This project will restore open-occam marine marmatic by reducing their collisions with vessels in the Guil of Neckoc. A regram will be developed to understand the nature of market marmal and vessels collisions and strategies to avoid them. Use of passive accounts data predictive modeling, and animal tagging data will inform better understanding of the causes of this strikes and their threats to each population of markine marmals. A collaborative partnership with NOA and the dispiped industry will be developed to assess changes in vessel routing that could reduce the risk of marine marmals and vessel collisions and/or vessel collisions. But will be another issue addressed by this project, BrydedF*s whale Balaenoptera eden) are the only reductation and awareness will be another issue addressed by this project. BrydedF*s whales Balaenoptera eden) are the only reductation and awareness will be another issue addressed by this project. BrydedF*s whales Balaenoptera eden) are the only reductation and awareness will be another issue addressed by this project. BrydedF*s whales Balaenoptera eden) are the only registent balaen whale species in the calif of Mexico (BoAA) where they are extend water addressed as a distribution restricted to the extent Guil of Mexico. Vessel collisions may be a major factor in their restricted distribution and small population size. Farging data suggest that thes whall have notating and whose Barter with MBS of their indjurities speen rane the surface within the draught depths of most large commercial vessels. Better understanding of how to protect Bryde's whales from vessel collisions will be one goal of this project. Date Entered: May 2, 2017 Date Edited: May 3, 2017		Yes	No	No	No	No	Yes	NO N	\$ 5,000,000.00	*****	
Research and Education	5583 6/22/2017	Reduce impacts of anthropogenic noise on marine mammals	NOA Project IDF1302: The goal of this project is to identify the sources of ocean noise and map their relative influence is stressors of offhome markine manning, and to propose means for noise mitigation. Ocean noise it the GOM has reached the highest levels measured at any open-ocean location, owing to anthropagenic noise from commercial activities related to all exploration and production and commercial subgrid. Subtrated passive accounts in the sued to characterize the spectral, temporal, and spatial distribution of anthropagenic noise throughout the GOM as reached the subsect and temporal, and spatial distribution of anthropagenic noise throughout the GOM and eleverine areas of overlap between high noise levels and markine source levels of individual noise sources (tach have been calleded the order) addresp-ocean waters. These data will be used to make geogradial models of noise distribution and their overlap with anime marking hights, test, and indipense strategies to reduce noise impacts from sources of commercial shipging, called platforms) will be measured to provide model input. Collaborative partnerships (MMFS, NOAS Sanctuaries, NGO) will be developed to demine that trade stores to the contox impacts from sources of commercial shipping, and substinic exploration and extraction noise, with priority for noise reduction in areas of overlap between high noise levels and high animals densities. Date Entered: May 3, 2017 Date Edited: May 4, 2017		Yes	No	No	No	No	Yes	NO N	\$ 5,000,000.00	ş -	
Research and Education	5584 6/22/2017	Reduce Marine Mammal Bycatch in Commercial Fishing Gear	NOA Project. ID#1303 Byotch in fibrery gas is a leading source of mortality for marine mammals, however small morality of marine mammals in the Guird Moreks from fibreries byocch is not well understood. Guird Moreks of bheries with known or potential marine mammal byocch include pelagic longline, shrimp travit, gliinet and purse seine. Byotch in fibreries with NOA and the fibring industry: Offibrerie Guird Moreks of sources of a source of a source of the sou		Yes	No	No	No	No	Yes	NO NO	\$ 3,000,000.00	\$ -	

Research and	5585 6/22/2017 Passive Acoustic	NOAA Project ID#13034: An array of five passive acoustic monitoring recorders have been deployed continuously since 2010 in	Yes	No	No	No	No	Yes <mark>No</mark>	No	\$ 5,000,000.00 \$ -	
Education	Monitoring for Open- Ocean Marine Mammal Restoration in the Gulf of Mexico	Ihe Gulf of Maxica, in response to the Deepwater Horizon oil spill. These instruments allow monitoring of marine mammal populations for a variety of species (e.g. sperm vhale), beaded whales, deploints, Byneket [®] , whales). Our proposed project would extend the temporal sampling and expand the spatial coverage of passive acoustic monitoring to include the entite GOM to allow monitoring for marine mammal instructional officiant including habitat monitoring (PAM) efforts in the Gulf of Maxico consist of the sist test water designed for damage assessment from test test test water designed for damage assessment following the Depwater Inform on Gulf Test is the vere designed for test in test sets officiants of the sist sets water designed for damage assessment following the Depwater Inform on Gulf Test is the vere designed for damage assessment following the Depwater Inform consulting the Maxiege (hMAP), for marine mammal edus) estimation for the full regress desicels. In other samonnous source is consisting for sisting association of the site of the	n f								
Research and Education	5588 6/23/2017 Migratory Species Studies	NGAN Project IBI12967: Expand Gulf of Mexico Migratory Species Pathways Mapping and Conservation Project with emphasis on migratory connectivity modeling, threas assument, and the identification of habitat restoration needs including pelagic habitat. a. Objectives: Undextand the most significant migratory pathways of habita trestoration needs including pelagic provides and the second br>pathways. A second se		No	No	No	No	Yes No	No	\$ 1,200,000.00 <i>винини</i>	
Research and Education	5591 6/23/2017 Centralized Database for Marine Turtle Flipper and PIT Tags	NDA Project OB12055: Objectives - Maintain the Cooperative Marine Turtle Tagging Program (CMTTP) - Initiate and maintain on online comprehensive intervictory of TL tags Mary programs supporting the management and conservation of sea turtle opulations in the Guil of Mexico and northwest Atlantic waters rely on Tagging sea turtles with Ripor tags and/or PT (passwe https://doi.org/10.1000/000000000000000000000000000000	s	No	Νο	No	No	Yes Yes	HO HO	5 624,030.00 #######	
Research and Education	5593 6/23/2017 Assessing the Human Dimensions of Marine Mammal Management	NOAP Project IDI13065: In the wake of the widespread environmental and ecological destruction caused by the BP oil splil, there can be no higher priority than ensuring the health and well-being of marine mammals, fish, and other wildlife populations from this point forward. Just as these populations are monoticed and managed according to the use of proper science and the best available data, so too should the human dimensions of marine mammal management (i.e., how humans interact with peecies, awareness) of proper behavior anound marine wildlife, howeldage of must be prevent problematic interactions, etc.) be assessed methodically and scientifically. Human dimensions data collection can be accomplished through the use of focus groups and scientifically, probability-based surveys, which are effective and commonity used tools for gauging the human dimensions component of resource management. It is recommended that NOAA and other resource agencies avail themethese of these methods in order to develop and evaluate communications, campaign the use and the site of the camethods of the sciented and availate accommiscient science and the effective and common science science. Strategies designed to curb harmful interactions with marine wildlife. Ongoing human dimensions data collection can reveal trends in attitudes and pipoins and identify again is knowledge and avairesa - such data are critical to understanding the effectiveness and impact of communications, messages, and outreach strategies, ensuring the wise allocation of funds and resources. Date Entered: May 10, 2017	Yes	No	No	No	No	NO NO	No	\$ 150,000.00 \$ -	

Reservit and Education		Montoring Buyded ⁴⁷ : Walkei in near real time from autonomous platforms to reduce anthropogenic threats	INDA Popiert INITIOSI: The Guil of Mexico is home to a resident population of Bryde&T* whales that currently numbers less than 40 individuals and is being conducted for listing as an endingered species. Guil of Mexico Bryde&T* whales the subject to a number of anthropogene threats, including ship strikes and the adverse effects of oil and oil dispersant exposure during oil splits. Hefective metaginon of these threats will require a beatr understanding of their distribution in the northexattern Guil of Mexico, and a means to assess their occurrence in near real time. The Woods Hole Coenorgaphic Institution (WHOI) has developed technology to detect, classify, and report the sounds of marine mammals in near real time The Woods Hole Coenorgaphic Institution (WHOI) has developed technology to detect, classify, and report the sounds of marine mammals. In near real time The Woods Hole Coenorgaphic Institution (WHOI) has developed technology to detect, classify, and report the sounds of marine mammals. In near real time The Wissoline 2013, Baumgartner et al. 2014, Since 2012, his technology has been used extensively on the U.S. and Canadian east coasts and in the U.S. Arctic to monthor and study marine mammals. Recent evaluations suggest that analysi- ter developed technology and the classification of the developed technology and the sound and the classification the the data as the theorem and the set of the proposed project are to U.J. demonstrate and evaluate near real-time detection of projectives whates from molitications from these platforms. The project sets to use Socurit and/or wave jildes' equipped with the and/torho-built enser real-time acoustic monitoring system to survey the outer shell and state protections from these platforms. The project sets to use Socurit and/or wave jildes' estables's and addition to detection sprides''s whale subhielded in (Audets and wolds) from they heiltors in the detection of the sprise and they addites's to be addition to detections from these platforms. The project sets to us	Yes	No	No	No	NO	Yes	Yes	10	\$ 750,000.00 \$ 5,000,000.00		
Research and Education	5597 6/3/2017	The complete picture using imagery	NOAA Project IDHI3064. High resolution digital Imagery has the ability to III data gaps and research needs in a wide variety of solipect tarss in a very quick and efficient way, in the past year norths, 3 surveys have been carried out in the New York offshore planning area, an area covering 43,000 km2. Two of those surveys have complete datasets generferenced and partially available to view through a publicly available web portal (https://newton.commdeada.com/nry, public, datashor), information in the public view includes locations of over 15,000 birsh, their flight height and direction of travel when flying, and locations and direction of travel of over 2000 anime mannuls, 600 turter, 2000 Jarge bory flying, 000 carriligions of this, and nearly 7000 flish shoak. All are mapped and information is available to be filtered by species, making it possible to associate species presence boating traffic. In the fall survey, active gill net, travely, commercial shell fishing, and recreational vessels were identified and mapped. Although here are not available in the public very key contributes key place of the puzzies of what is where and why. These kinds of data are eacity what are needed in the Gulf of Macio, to form a complete picture of how the Gulf is being dired. Data collected one on a boate use that are currently targeted to improve the overall health of the coxystem and maintain and increase the diversity and density of animals using the Gulf of Macio. This is the tass of thas project dise. A SDOM Study completed in 2013 hump// work data area mannish is also influe spote. Boato dista project dise active dise were the event of the dista bare of the spote of the avail were the dista shore the dista bare we water column mon and bay were weaked model. The dista dista dista were collected by visual methods using boato provide traffic. The same study from dista bare dista bare to dista bare provery usis. All me mannishis dista dista dista dista dis	Yes	Νο	No	No	No	Yes	Yes	No	s 5,000,000.00	5 -	
Reserch and Education	5598 6/23/2017	Stock assessment development to inform Gulf Sturgen oppulation Kutus and trends as a baseline to messure PDARP actions	SIGAA Poject DB12076: The Gulf of Mexico Sturgeon Acpenser oxynnrolus descotio H6GGulf SturgeonAcpensel Sturgeon under the US Fadagerd Species. Act II 1921 hy NOAA and USWIS (SFA 89436). Current management units for Gulf sturgeon include seven river systems and adjacent marine habitatia across the northern Gulf of Mexico. Based on PDAP review (section S.5.7) large numbers of Gulf sturgeon were exposed to Deavewere Horizon on Jan dhese fish were affected by exposure. Section 5.7.1 of the PDAP states that to address impacts to sturgeon, restoration posits will focus on improving access to sysaming areas and increasing reproductive success of Gulf sturgeon. The 2002 Gulf Sturgeon Stock Assessment completed by W. Pine and S. Martell (see https://goo.gl/RAIAr32) with funding from NOAA & USFVS was the first effort to synthesize available dirig sturgeon population data to determine stock status and trends. We propose to update this stock assessment to re- evaluate stock status of Gulf Sturgeon following recent events that could affect sturgeon populations including humricanes, actime droughts, 2) providing baseline of Gulf sturgeon population responses to restoration actions in the subset of 101 sturgeon stock status and trend we propose population responses to restoration actions paparity, 2) providing baseline of Gulf sturgeon stock status and trend each of the second PGM stock - S320000 in future perturbations sub as ol single for humricanes, [] meet Gulf Sturgeon Roucevy Film agols to use population models to inform restorationation sub as ol single-tomicing inverse status carcina y and active, and and an amagement system. This well chancelle control meeting and status and trend the each of the System and management system and management system. This will shance feedback loops between evaluating Gulf Sturgeon Roucev and the desch active and and management system. This will shance feedback loops between evaluating Gulf Sturgeon Roucev and the status and trend the endoted sturgeon active and the status and the endot	Yes	No	No	No	No	No	No	No	\$ 340,000.00		
Reserch and Education	5611 6/23/2017	An accoutic stranding alert system for the Guil Coast	INDA Popiel: IDII3064. Manne mammal strandings occur regularly in the Galf of Mexico, but stranding rates increased substrantially after the Deep Water Horizon (DWH) of Sign I. Sero XPMI, stranded obtotocets (cohord whales and obplins) were in poor health and often presented with adrenal and lung disease, consistent with exposure to XWH performant processes (Schwack et al. 2014). Veron Watson et al. 2015). Restration of odonoccete populations in the Galf of Mexico Quid significantly benefit from an improved response to strandings. The Woods Hole Oceanorgaphic Institution (WHO) is diverbeing and ontorcets stranding alert system based on the digital acoustic monitoring (DWN) instrument has text detext, classifies, and reports the sounds of marine mammals in real time (Baumgartner and Mussiline 2011, Baumgartner et al. 2012), approximation of the Schwack et al. 2015 (Schwack et al. 2015). The Schwack et al. 2015 (Schwack et al. 2015) and the Schwack et al. 2015 (Schwack et al. 2015) and the Schwack et al. 2015 (Schwack et al. 2016) approximation of the Schwack et al. 2015 (Schwack et al. 2016) approximation of the Schwack et al. 2015 (Schwack et al. 2016) approximation of the Schwack et al. 2016 (Schwack et al. 2016) approximation of the Schwack et al. 2016 (Schwack et al. 2016) approximation of the Schwack et al. 2016 (Schwack et al. 2016) approximation of the Schwack et al. 2016 (Schwack et al. 2016) approximation of the Schwack et al. 2016 (Schwack et al. 2017) approximation of the Schwack et al. 2016 (Schwack et al. 2017) approximation of the Schwack et al. 2016 (Schwack et al. 2017) approximation of the Schwack et al. 2016 (Schwack et al. 2017) approximation of the Schwack et al. 2016 (Schwack et al. 2016) approximation of the Schwack et al. 2016 (Schwack et al. 2016) approximation of the Schwack et al. 2016 (Schwack et al. 2016) approximation of the Schwack et al. 2016 (Schwack et al. 2017) approximation of the Schwack et al. 2016 (Schwack et al. 2017) approximation of the Schwack et al. 2017 (Schwack	Yes	No	No	No	No	Yes	No	No	\$ 900,000.00	ş .	

Reserch and Education	5621	7/3/2017 Long term aco monitoring of waterbirds and	large colonies along the shorelines and islands of the entre Gulf coat. These colonies are typically established within proximity shorebins to good foraging site is usuable nesting substruct (reres, shrub, ground) that are not excessively disturbed and provide protection from, or absence of predators. Threats to these colonies include human disturbance, overcrowding, nesting habitat degradation, and depredation. Change is in water levels and vater chemistry due to climate change presents and additional consideration, and depredation. Change is in water levels and vater hewist and substruct human disturbance, overcrowding, nesting habitat degradation, and depredation. Change is in water levels and vater hewist and vater levels and vater levels and vater hewist and vater levels and vater levels and vater hewist and vater levels a	Escambia, Hillsboro ugh, Charlotte, Lee, Collier, Monroe, Mobile, Baldwin, Baldwin, Baldwin, Hancock, Harrison, Cameron, Terrebon ne, Lafourche , Plaquemi nes, Kenedy, San Patricio, Aransas, Caihoune, Refugio, Chambers, ,	Yes N	o No	No	No	Yes Ye	· 6	10		580,000.00 \$	-	
Reserch and Education	5622	assessment of sand shoal hat utilization by f invertebrates consequences	Sifthore habitat has been identified as potentially important fish and invertebrate habitat, and as such, BOZM and other federal agencies have invested in extensive baseline excluded studies of several and shad sources. Acoust: tagging training, camera surveys has and her habitat (Harris et al. 2016). Passive acoustic monotring has proven to be a successful, courtefective method of monitoring to the source of the studies of the several acoustic studies of the several acoust of tiss use in species and enhancing the long-term understanding of species and habitat use (Boundtree 2006; Zimmer 2011). However, protion using acoustic surveys and acoustic habitat habitat the several on pacies presences have no an excessful. Courselbare and ambitest sound level	Harrison, Jackson	Yes N	00 NO	No	NO	Yes Ye			\$ 1,	\$	-	
Research and Education	5625	7/6/2017 Improved and, Assessments of Boundary Mar Stocks			Yes N	o No	No	No	Yes No	N	0	\$	- 5	-	
Research and Education	5630	7/4/2012 Regional tradination	stemming from natural cause (e.g. hurricanes), human-related causes (e.g oil spills, ocean noise, fishing, marine debris), and a turtle combinations of the two (e.g. sea level rise, ocean acidification, erosion of protective wetlands). In all cases, in order to		Yes N	o No	No	No	No M			5	750,000.00 \$	-	

Education		neducing Red Shapper Discards Uting a Collaborative Fishermen's Quota Bank	NDAX Project ID#1272: This project uses an existing Quota Bank to quantify and avoid red snapper respectively in the commercial grouper tilefith fithers, The Deepwerter Notion event human der giansper, resulting in 55-220 toos foregone production through direct kills and in longer-term injuries, from decreased reproduction to tissue lesions. Commercial fishemen are working with managers to protect red snapper resulting in 55-20 toos U. But Id#T ^{ID} bed fifticult to rebuild this fishery without a complete accounting for hyzatch in the quata system. This project provides up-to-date data about red snapper bytech to incorporate into quata-setting. Together with commercial fishemer anagers can protectively reduce red snapper likel through byzatch to incorporate into quata-setting. Together with commercial fishemer anagers can protectively reduce red snapper likel through byzatch to incorporate into quata-setting. Together with compositing from doorseen and self-roporated data. This is problematic in tight of commercial grouper-tilefith fishery, instead extrapolating from doorseen and self-roporated data. This is problematic and fishered three transports and the setting together with commercial grouper tilefith fishery instead extrapore cath. Since desimpler distribution and are no longre wated cath. The IS protect ensure three desingers for commercial grouper tilefith fisher match are no longre wated cath. The IS protect ensure three data space cath. Since desim and commercial proper distribution and area to anger desimation and descript the since data space cath. Since descript anagers fishemers and area no longre wated cath.		Yes	No	No	No	Ne	Ŷ	es No	No		9,000.00 \$	-	
Research and 5633 Education	9 7/12/2013	l Reproductive output of sea turtle nests on remote beaches in the Gulf of Mexico	NDAX Project ID# 13284: Most andy beaches in the Gulf of Mexice (GoM) are surveyed for sea turtle nesting activity by agencies or volumer groups. However mento beaches, particularly ading GDM barrie stinds, are of cent surveyed infrequently or not at all. Therefore, the contribution of those beaches to sea turtle population recovery is unknown. For sea turtles, there are several messures of peroductive output Including Cuttor frequency, hatching success; includious duration, nesting success (it of nesting crawk)/total and crawk) and durch size. These parameters may vary greatly among nesting beaches. Turtles nesting and set to beaches of the Gulf of Mexico represent three Recovery Management Units: Dy Tortagas, Perinnsular Florida [Florida/Georgia border to Pinelias County, FL) and northern GoM, Franklin County, FL through Texas]. Although part of the same population, turtles in these enting groups differ sevel away. Hat et al. (2021) subgested that turtles in northern GoM express low nesting site fidelity relative to other nesting groups and Lamont et al. (2021) subgested that turtles in the northern GoM express low nesting site fidelity relative outputs is not available. Without that information, increases in measures of population (Richards et al. 2011) Beaches consistent surveys are not conducted on many rende beaches used by furtles in these subpopulations, baseline data on reproductive outputs in not available. Without that information, increases in measures of reproductive output measures for several remote beaches in the GoM including Dry Tortags National Park, Everglades National Park, Everglades National Park, Everglades National Park, and Dog tistind, FL. Date Entered: May 15, 2017		Yes	No	No	No	NC	> N	io No	No	\$ 1,50	1,000.00 S		
Research and 5640 Education	0 7/12/2013	Reduce impact to sea turties in the US Guil of Medico	NOAA Project (IM13287: Audubon Nature institute will work to reduce the impact to sea turties in the US Gulf of Mexico through turtle excluder device (ITEI) education and implementation assistance in the shiming Dshey. Funding of this project will contribute to the continued recovery of ites turtles, specified by repair's inflaver, in the Gulf of Mexico, by reducing the impact contribute to the continued recovery of ites turtles, specified by repair's inflaver, in the Gulf of Mexico through turtle excluder device turtles in shiming turtles tables is sate turtle habitatio overlap with the Gulf of Mexico abring flabery and incidental capture of ass turtles in shiming turtle and NOAA studies on of the many threats to tabler recovery. Since the 1380, TSI have been required in other travis that flah offshore, but not in disammer travis that typically flah in shallower waters. TEOs have been required in other travis that flah offshore, but not in disammer travis that typically flah in shallower waters. TEOs have been required and use travis that flah offshore, but not in disammer travis that typically flah in shallower waters. TEOs have been required in other travis that the protected annually (NOAA 2016). As part of this project, Audubon Nature InstituteSt ^{ore} Gulf United for trasting Fraherise (Gu.L.F.) plans to host industry overhaps to educate fraherman about the new rule, and coordinate dock days to ensure TEDs are installed properly to increase the number of sea turtles protected in the Gulf of Mexico. Date Entered: May 15, 2017	Galvestor , Brazoria, Matagord a, Jackson, Victoria,	, Yes , , , , , , , , , , , , ,	No	No	No	No	9 N	io No	No	5 34	0.000	***	
Research and 5642 Education	2 7/13/2013	Reducing Bycatch of Marine Mammals in Commercial and Recreational Fisheries	NOAA Project IDIT3303: Marine mammal byzatch refers to any marine mammal adversely affected as a result of being unintentionally entangled, entrapped, ensared, or caught by nets, inces, traps, or hooks, or otherwise impacted by fibing gear. Syrach is the greatest direct cause of marine mammal liquing and death in the United States and anound the world. Byzatch of marine mammals in Saif of Mexico commercial fibrieries has the potential to prevent the recovery and restoration of marine mammals that have been reduced as a result of the Deepwater Horizon oil guilt, including bottlenood diphin (a) fascicus). Atlantic spotted diphins, paptropical spotted dolphins, prgmy sperm whate, Risso's dolphins, and short-finned plot whate. Thereis of particular concern include the menhaden purse seine, shrimp traval, whate glines, pedied is dolphin, and short-finned plot whate. Charles to particular concern include the menhaden purse seine, shrimp traval, whate glines, pedied is dolphin, and short-finned plot whate. Charles to particular concern include the menhaden purse seine, shrimp traval, and a crecational fiberies while maintaining the economic viability of those fiberies. Measures to investigate and test could include, but are not limited to, alterative fishing agar and fishing methods, time-area resisticions, and removal of lost of celler (thing gear (Le, raps, post, and glinest). Ways to create economic incentives for reducing marine mammal bycatch through, for example, incentive-based fishery bycatch messures. The ecological fields of fishing on marine mammals, their prey species, and the Guil of Mexico marine ecosystem. Date Entered: MAy 15, 2017		Yes	No	No	No	NC	× ¥	es No	No	\$	- S	-	

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Research and 56 Education	546 7/14/201:	A combined physical, behavioral, and demographic approach to identify Gulf Sturgeon paragang is with the paragang is with the characterzing what is known to inform the unknown	NDAA Project IDIT3188: Western population segment Gulf Sturgeon (GS; natal to the Pearl and Pascagoula rivers) appear to be recovering a a dower rate than those in the east. Of all GS populations, the Pascagoula River population is estimated to be the maintest (bloot 220 adults). The LS Frain and WildIE Search cells russ the 34 framework (prepresentation, realiency, and redundancy) of Schaffer and Steine (2000) to assess population recovery. Realiency of a population is associated with the size down of the search of the search of the search of the search and the search of the sea	Forrest County,Cl arke County	Yes	No	No	No	No	Yes N	io	No	\$ 1,100,000.00	\$ -	
Research and 56 Education	647 7/14/2013	Informing restoration efforts in the Mississippi Sound: Quantifying Gulf Sturgeon winter foraging habitat occupancy and coastal pelagic finfish habitat use with passive acoustic technology	than collecting eggs) to avoid removing potential recruits from the oppulation. The combined genetic and sec data will provide data on the resilency of this population. A Synthesize data from Objective 3-10 provide resource managers with information NOAR Project IOR_JISIDE Mississippi Sound currently has a variety of planned, ongoing, or completed habitar etozoation projects ICR_JISIDE Moreitaria (and the etozoation) and the etozoation projects ICR_JISIDE (and the etozoation projects ICR_JISIDE (and the etozoation) proje	Harrison County, Hancock County, Jackson County	Yes	No	No	No	No	Yes	lo	No	\$ 2,585,000.00	\$ -	
			objectives of this project are to describe habitat-specific occupancy patterns for GS and other castal pelagic finiting (Mackerg, Red runny within insissings) soudi, relation to retrostion projects. Specificity, we will (1) devolpe an acoustic telemetry array within restored and non-escored habitats to monitor acoustically tagged target species to determine and occupancy. (2) assess use patterns of these species in restored versus on-restored regions, and (3) provide a decision support tool to inform resource managers and restoration practitioners of the impacts each restoration effort has on habitat use by these species. The live-year revision of the Gulf stragene Recovery Plan highlighted the need to derived habitat patients for GG estuarine feeding habitats, especially of vestme populations (Parat and Parcagoula Rivers), which have been slower to mover than there is ealine, particularly for juvenites and sub-adults. Therefore, we will fill knowledge-paper related to the statulity. The strate same lacking, particularly for juvenites and sub-adults. Therefore, we will fill knowledge paper related to expression and the strate strate same statules and sub-adults. Therefore, we will fill knowledge paper related to between relation and non-restored habitats (s.g., sithy Detains, optier and atticular eds, raws adjuscent to living habitats, specific accounter, pa- ternation for estimation and that (s.g., sithy Detains), optier and atticular eds, raws adjuscent to living horelines), we will determine in festoration events affected typical habitat use in the region. Because this assessment will be specific to restoration events affected topical habitat, use in the region. Because this assessment will also create possible effects that implementation of each restoration type could have on the specific true to investibility and will also create possible effects that implementation of each restoration type causes habitats for that bottom and refer tori- centrate adatities and size data strate specifics. The topicat countr												
Research and 56 Education	7/14/2013	Restoration through education: raising awareness about the largest habitats of the Gulf of Mexico - the deep-sea	NOA Project ID1329: The deep sea 1200 ml prepresents by far the largest habital of the Gulf of Mexico, yet it is often overhooted by recourse managers, ciclestiss and the general public, who are often unaware that fund and werre ecosystems can three in deep-water environments under the right conditions. While deep-sea ecosystems are out of sight and out of mide to most people, have are on timmune to anthroogenic impacts, as they are threatends by all and gas exploration, deep-sea traviting and ocean acidification much more than their shallow-water counterparts. Improving the management, conservation and protection of the Gulf of Mexico, util ultimately regular and are increased appreciation for the value of the scoxytems by diverse stakeholders, and education and outreach are integral to this effort. We therefore propose to conduct a coordinated outreach and education camping to noise awareness about deep-sea ecosystems of the Gulf of Mexico. The company will surget both informal, as well as formal educations at the K-32 Level, via the development of educational films, curricula, lesson glans and thereby help restore the largest ecosystems of the Gulf of Mexico. The Gulf of Mexi		Yes	No	No	No	No	No Y	'es	No	\$ 1,000,000.00	\$ -	
Research and 56 Education	660 7/19/2013	of Mexico Soundscape and	NOAA Project ID#13323: The Gulf is one of the most heavily industralized bodies of water in the world, with numerous sound- producing human exitities, induding commercial shoping of and gas development (including settis studies), platform removals (including the use of explosives), coastal construction (including plie driving), and military operations and training. Excessive sound can also mask biologically important sounds, including communication calls between individuals of the same species. Research is needed to determine: - The Gulf of Mexico "soundscape" - sources of sound in the Gulf and sasociated sound levels and how they vary spatially and temporally The effects of human-caused sound on marine mammals and their prey species. Date Entered: May 15, 2017		Yes	No	No	No	No	Yes Y	'es	No	\$ -	\$ -	
Research and 56 Education 56	561 7/19/2013	Minimizing Effect of Human Sources of Sound on Guif of Mexico Marine Mammals	NOA Project IDI1330: Excess sound levels have the potential to prevent the recovery and restoration of marine mammal populations that have been reduced as a result of the Deepwater horizon oil paint juncticality speem whates, Bryde's whates, and bottlenose dolphins. Measures have been identified for mitigating the effects of anthropogenic sources of sound from costal construction (folie driving, oil and gas exploration and decommissioning lessimic arigons and evolosives for platform removals), and military training schvittes (soura and explosiver), but the effectiveness of those measures has not been fully removals). And military training schvittes (soura and explosiver), but the effectiveness of those measures for activities that are particularly harmful or for which no measures currently exist. Mitigation should be tested for the different species and operating conditions that occur in the call. Measures could include, but are not limited to shing using technologies, bubble curtains and double piles (for pile driving), marine withroseis (as an afternative to seismic ariguna), and non-explosive docommissioning pilos (for blatform emovals). Also needed are effective and reliable acoustic as (such as passive acoustic monitoring) for use in detection of marine mammals in low light or nighttime conditions. Date Entered: May 15, 2017		Yes	No	No	No	No	Yes Y	ies	No	ş -	\$ -	

Research and 5664 Education	6 7/21/201	7 Gulf of Mexico Deep Wate Column Monitoring Program	NGAA Project ID#13363: The Deepwater Horizon OII Spill (DWHOS) highlighted the lack of baseline data for deep-ocean ecosystems in the Gulf of Medico (GoA). Of the GoAh open ocean habitas, the deep water column is by far the largest affected ecosystems in the Gulf of Medico (GoA). Of the GoAh open ocean habitas, the deep water column is by far the largest affected enduding oceanics for the largest affected by the second second by the second second second second second second second enduding oceanics of showen and the methods developed during an intensive NOA NRDA program in 2010-11 (DNGAP) and continued during 2015-2017 (DEEPKON Consortium) is enviroused subsequent to the DWHOS evert. A 3-ever (to start) campling and analysis project that follows the methods developed during an intensive NOA NRDA Program in 2010-11 (DNGAP) and continued during 2015-2017 (DEEPKON Consortium) is enviroused. Analyses of these time series have revealed that the abundance of pelagic fishes decreased nearly an order of magnitude between 2011 and 2016. This substantial change was not critical for assessment of ecosystem variability and recovery. We progose an integrated program that includes discrete-depth applicade under collections imituming periods of mark the assessinal: Explorating and deep pelagics curvey of kthrtypelankton conducted during the primary spawming periods of mark the assessinal: Explorating and deep pelagics curvey of kthrtypelankton conducted during and privisar indexing with baused to deet the location date sampling on the surface to 312000 m. Remote sensing informating layers in the vertical coupling of pelagic communities found from the surface to 31200 m. Remote ensing informating layers in the continential haft break/slops of the GoAM, a region of enhanced bentoppalagic coupling coupling contine main main markmania and geap. sonic acting layers in the continential haft break/slops of the GoAM, a region of enhances the entionals and reportset laws fon the recent lice cover that the locating of a		Yes N	No No	0	No N	ko Yi	es No	No	\$ 6,900,000.00	\$ -	
			open occas. In terms of total GoM fish abundance, deep-pelagic fishes are the most numerous. Endingered toothed whiles, seahick, and eppolegic pane fishes rey on deep-pelagic fishes, squidx, and thorings a prive. Turkine, the transfer of energy through open occan food webs is higher than typically assumed, suggesting a much greater role for of deep pelagic animals in cocanic ecosystems. In short, the deep-sea animals are a very component of the GOM open occase no cosystem. A ley element of the proposed project is tight inlage with NOAA to help inform restoration planning, implementation and evaluation. We suggest using occustem modeling approaches to achieve this result. The project suggested here has been endorsed by the											
Education		resources for the northeastern Guil of Mescode?"s injured bird, marine mammal, and fish populations	legan to recover in recent years, but the reasons for these improving trends are not well understonding of the factors inferting 3% distributions and abundance in coastal habitas encompassing the Mississippi and Florda areas of the Galf Sland National Seakore (GUIS), and extends those insights across critical habitas is compassing the Mississippi and Florda areas of the Galf Sland National Seakore (GUIS), and extends those insights across critical habitas is compassing the Mississippi and Florda areas of the Galf Sland National Seakore (GUIS), and extends those insights across critical habitas some general exception of variety called the comparison of variety called to the company of the seakore in the	County,B	Yes D	NO NC	D	No h		es No	No	\$ 600,000.00		
Research and 5661 Education	8 7/24/201	7 Genetic and chemical indicators of population health, recovery, and resilience in the Guif of Mesico	NOA Project ID#13460: The primary gaid of this project idea is to continue monitoring population health of water column fails and invertebrate communities from the open ocean (1-5300 m) on both short (prearation) and long (evolutionary) timescales, using genetic and analytical chemical methods. This information is critical for understanding the recovery, resilience and long- term consequences of the DWHGS on they deep-pelagic species. Genetic diversity is often used as a prove to messure population health. This mesurement is intimately tied to an organism4 ⁴ °s ability to survive and adapt to a changing environment. Genetic diversity can be reduced by and bedience in populations in sits and reduced recovery rists. A second ment of used to site produces and application, such as increased estimation insis and reduced recovery rists. A second ment of used to site produces and use applications, for this means, determining how effect diversity in the amount of genetic information shared and/or each the device papulation. For this means, determining how effect diversity has eccevatem. Alongenide estimates of genetic diversity and contex/thy, demited analysis of deep-pelagic fauna can be measured to assess the generatence of oli-derived hydrocathons in the environment and their potential impacts on the community. Withis analysis that characteristics changes in analysis data analysis and deep-pelagic Good formulation organisms in alingeneit diversity and characteristic ge, endocrine diversity form 2011-16, applications and/or absorts (more theorem analysis that characteristic characs) in an analyset as majes of athers pelagic Good formulation organisms in alingeneit diversity (comortify), and PAH exposure in deep-pelagic Good formulation organisms via ingregation and/or absorts (more post-spill (DEEPEND routes 2051-31). To date, we have estistance 3) generated post-organisms or analyse indered post organic contastical from the evolution of analyse target of postity from 2011-6, appecting absorts fore 2015-10, appecting		Yes N	NO NC	0	NG N	κο Υ	es No	No	5 2,400,000.00	5 -	

under under <th< th=""><th>Education crusteeans (retubor, collectively) inhabiting the ep)- meo-2, and bathypelagic regions of the GMM using stable isotope, faity and metabarcoding analyses. The specific gal of this study is to use and metabarcoding and and and and and and and and and and</th><th></th></th<>	Education crusteeans (retubor, collectively) inhabiting the ep)- meo-2, and bathypelagic regions of the GMM using stable isotope, faity and metabarcoding analyses. The specific gal of this study is to use and metabarcoding and	
Market 1 Market 1 <td>add and metabraroding analyses. The specific goal of this study is to use natural detary tracers and metabraroding analysis to examine the trophic ecology of meso- and bathypelagic nekton and to elucidate vertical food web structure (to to 1500 m depth) patterns in order to quantify trophic connectivity in the northern GoM. Stable isotope, fatty acid, and metabaroding analysis have been used successfully to examine food web structures in this study samples collected during previous sampling efforts (NBAC Mothore Sampling and Analysis Program and DEEPRON, www.deependencostimum.org) as well as proposed sampling efforts (please see Guif of Mexico Deep Water Column Monitoring Program project suggestion) will be analyzed for stable isotope of ration (1735) to evaluate food web structure, eanine flow of organic</td> <td></td>	add and metabraroding analyses. The specific goal of this study is to use natural detary tracers and metabraroding analysis to examine the trophic ecology of meso- and bathypelagic nekton and to elucidate vertical food web structure (to to 1500 m depth) patterns in order to quantify trophic connectivity in the northern GoM. Stable isotope, fatty acid, and metabaroding analysis have been used successfully to examine food web structures in this study samples collected during previous sampling efforts (NBAC Mothore Sampling and Analysis Program and DEEPRON, www.deependencostimum.org) as well as proposed sampling efforts (please see Guif of Mexico Deep Water Column Monitoring Program project suggestion) will be analyzed for stable isotope of ration (1735) to evaluate food web structure, eanine flow of organic	
Main Image: Second	examine the trophic ecology of mess- and bathypelagic network indow web structure (10 1 500 m depth) patterns in order to quarkity topic cancerbring with the stope, farty scale and metabarcoding markyses have been used successfully to examine food web structure and metabarcoding previous sampling efforts (NBA Othore Sampling and Analysis Program and DESPECTION) will be proposed sampling efforts (Dieas see Guif Of Mexico Deep Warder Column Monttoring Program project suggestion) will be analyzed for stable isotope of arbon (1735) of columnies food web structure, examine flow of organic	
Marcine 121 <	patterns in oder to quantify trophic connectivity in the norther GAM. Stable isotope, Entry acid, and metabarcoling analyses have been used successfully to examine food web structure in many systems. In this study samples collected during previous sampling efforts (WIAO. Offshore Sampling and Analysis Program and DEEPEND, www.deependconsortium.org) as well as proposed sampling efforts (WIAO. Offshore Sampling and Analysis Program and DEEPEND, www.deependconsortium.org) as well as analysis of stable isotopes of cathon (1132), and introgen (11531) to evaluate God web structure, examine flow of organic	
Image: Solution of the second seco	have been used successfully to examine food web structure in many systems. In this study samples collected during previous sampling efforts (NRLO Afforke Sampling and Analysis Program and DEEPENDS, wave deependenconstrum, org) as well as proposed sampling efforts (please see Culf of Maxico Deep Water Column Montoring Program project sagestion) will be analyzed for table isotopeer of carbon ("132) and inforgen ("1530) to evaluate food web structure, examine (flow of roganic to the sample samples) and the sample samples of carbon ("132) to evaluate food web structure, examine (flow of roganic to the samples) and the samples of carbon ("132) to evaluate food web structure, examine (flow of roganic to the samples) and the samples of carbon ("132) to evaluate food web structure, examine (flow of roganic to the samples) and the samples of carbon ("132) to evaluate food web structure, examine (flow of roganic to the samples) and the samples of carbon ("132) to evaluate food web structure, examine (flow of roganic to the samples) and the samples of carbon ("132) to evaluate food web structure, examine (flow of roganic to the samples) and the samples of carbon ("132) to evaluate food web structure, examine (flow of roganic to the samples) and the samples of carbon ("132) to evaluate food web structure, examine (flow of roganic to the samples) and the samples of carbon ("132) to evaluate food web structure, examine (flow of roganic to the samples) and the samples of carbon ("132) to evaluate food web structure, examine (flow of roganic to the samples) and the samples of carbon ("132) to evaluate food web structure, examine (flow of roganic to the samples) and the samples of carbon ("132) to evaluate food web structure, examine (flow of roganic to the samples) and the samples of carbon ("132) to evaluate food web structure, examine (flow of roganic to the samples) and the samples of carbon ("132) to evaluate food web structure, examine (flow of roganic to the samples) and the samples of carbon ("132) to evaluate food w	
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Image:	proposed sampling efforts (please see Gulf of Mexico Deeps Warrer Column Monitoring Program project suggestion) will be analyzed for stable isotoposi or clamo(1133) to evaluate food web structure, examine flow of organic	
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Nor VI VI <t< td=""><td></td><td></td></t<>		
Nor VI VI <t< td=""><td>(PUFA) will serve as indicators of dietary sources, allow for the reconstruction of dietary histories, and provide additional data</td><td></td></t<>	(PUFA) will serve as indicators of dietary sources, allow for the reconstruction of dietary histories, and provide additional data	
Image: Section of the section of th	that may not have been elucidated through previous stomach content or stable isotope analyses. Because gut contents of	
Image: Section of the section of th	many deep-sea taxa are difficult to due to mastication, metabarcoding, which allows for the identification of prey taxa by	
Image: Solution of the second protection of the second prote	extracting species-specific DNA sequences, will be used to identify stomach contents of deep-sea crustaceans and cephalopods.	
Image:	Additionally, we propose to incorporate tissue analyses from upper level predators (large fishes, sharks, mammals) already	
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Impair	designed for stable isotope and fatty acid data will be used to estimate prey contributions to predators. All trophic analyses will	
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Image: Note of the second s	decisions targeting long-term sustainability of ecosystems and fisheries in the Gulf of Mexico, we propose to develop decision	
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Image: Section 1 Image: Section 1 <td< td=""><td>propose a SUM/AWA transvork to assist managers with identification of optimal narvest policies that balance compening</td><td></td></td<>	propose a SUM/AWA transvork to assist managers with identification of optimal narvest policies that balance compening	
Link In Proceeding with the processing of the processing with the processing wit	management objective (socio-economic, ecological sustainabinity and impact on ecosystems). We will consider multiple isn	
Image: State in the state interference	populations, specification we interest of orces and the grouper-snapper complex. The solutions and believe and a sciencisms to tack underlay model. (March and March 2012), thereby allocations the SNM tack with the state science and advecting the SNM tack science in	
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Image:	associated with imperfect detection and spatial autocorrelation. Our approach will require a multi-disciplinary effort to engage	
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Image: Note of the matrix matrix which for the matrix which whic	actions. Therefore, we propose to include a human dimension component to our project. We would apply concepts of	
Bester had Ukbichen 507 7/4/300 Older Fallence survey Max Bis of Max S, Max M, Bis S, Max M,	behavioral economics to gain insights into stakeholders〙 behavior and to help improve the effectiveness of outreach	
Education bind gas related as the spectra of the sp		
Image: Section in the structure units iteration:	Research and 5673 7/24/2017 Gulf of Mexico survey of NOAA Project ID#13466 This restoration project focuses on reducing bycatch of sea turtles in pier-based recreational fisheries. Yes No No No No Yes Yes Ves No S 400,000.00 \$ -	
Notes and a start of processing the starts and independence of the starts of the st	Education fishing pier related sea We propose to implement multi-year angler surveys on fishing piers in the Gulf of Mexico, including education/outreach to rec	
Image: Section 1 Section		
example in a bit is bit a bit a bit a bit a b	a set of pier survey forms for national implementation. The forms are currently undergoing approval by OMB under the Paper	
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used in Musissippi (Parly Restoration), and expansion to other regions of the COM is recommended. Existing ocean models are fairy adquartee on a large scale, but models born may off diverpancies when under a scale structure crassies in various fairs scales. The effigies are required to provide invaluable data scale structure crassies in various ocean conditions in the GOM, and will be directly used for interpretation of strature crassies in various ocean conditions. If a GOM and will be directly used for interpretation of strature crassies in various based portal that can be used by Stranding Retworks, managers and enforcement to input stranding data and to provide real time back as timeded outcan be used by Stranding scores/endel and enforcement to that strature by a be back cast model outcanditions. If a spin is Transiding is observed, the probable are of the motify as determined by the back cast model outcanding, sue of program and feaback from users. This cracks aff thur work is	Reserve hand 577 7/25/2017 Restances in stranded utrates, which codely mining for semantity couples in applicable privation of and enging and the model set interventions and captures. Untreading and the model set interventions and captures couples and the model set interventions and captures. Untreading and the model set interventions and captures couples and the model set interventions and captures. Untreading and the model set interventions and captures couples and the model set intervention and the model set intervention and the set intervention and the model and captures and the model set intervention and the set intervention and the model set intervention and the set intervention and the model and captures and the model set intervention and the model set interven	
fairly adequate on a large scale, but models show major discregations when used to backcast small objects such as sea turtles at Image: Comparison of the comparison of transfers, measures of % recovery, and raw data ocean conditions the GOM, and will be directly used for interpretation of stranding, neasures of % recovery, and raw data Image: Comparison of transfers, measures of % recovery, and raw data available to the ocean models. We will also directly are will also directly and will also directly and will also directly are will also directly and will also directly are will also directly are will	Bit Strip 7/257/2027 Search and marmanian of response to antipulse any strip service search and the response to antipulse any strip service in decamage fragmentations was conducted at la pile. Numerous a la mark in microsci in the service in the	
Image: State: The effigies are required to provide invaluable data specification of sea turtle carcasses in various Image: State: S	Processes Visit Statute and mammal NOAA Project DEI13477: This project and interactions, see onder training indicator for at easmonthing indicator for a crasses, in default and being and the origination and the origin and the oris an anoris and the origination and the origination a	
ocean conditions the GOM, and will be directly used for interpretation of stranding, measures of % recovery, and raw data valiable to the ocean models. We will also develop a web based portal that can be used by Stranding Networks, manager and enforcement to input stranding data and to provide real time basek, ast model outcomes. If a spike in stranding is observed, the probable area of the motivatily a determined by the based portal that can be used by Strandings to Storeved, the probable area of the motivatily a determined by the based stating model can be used to help direct the efforts of the detaback from users. This careas affit work is	Reserve and Education 5677 7/25/2027 Sea turtle and mammal montality locations Children or the only expression of t	
available to the ocean modeling community to further ground truth and modify ocean models. We will also develop a web Image: Community to further ground truth and modify ocean models. We will also develop a web based port inft act not be used by Strading Retworks, mangers and enforcement to input strading data and to provide real Image: Community to further ground truth and modify ocean models. We will also develop a web based port inft act not be used by Strading Retworks, mangers and enforcement to input strading data and to provide real Image: Community to further ground truth and t	Research and S677 7/25/2012 Sea turtic and mammam montality locations Small stree of comparison between and end to the interaction. Super Stree indicated at la to the of end system, the odd stree stree indicated at la to the interaction as a stree indicated at la to the interaction. Super Stree indicated at la to the odd sensity stree indicated at la to the interaction. Super Stree indicated at la to the interaction as a durit to interaction as a stree indicated at la to the interaction. Super Stree indicated at la to the odd sensity stree indicated at la to the indicated at la to the odd sensity stree indicated at la to the indicated at la to the odd sensity stree indicated at la to the indicated at la to the indicated at la to the odd sensity stree indicated at la to the sensity odd sensity indicated (to the sensity) indicated (to the	
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time back cast model outcomes. If a spike in strandings is observed, the probabile area of the montality as determined by the back casting model can be used to help direct the efforts of the NOA Gear Monitoring Team and state/Federal enforcement.	Image: Series of the series	
back casting model can be used to help direct the efforts of the MAA Gear Monitoring Team and state/Federal enforcement. Success will be determined by reduction in strated endback from users. This careas diff two ts is	Breach and Education 577 7/25/7027 Sea turtle and mammal motality locations MAA Project IDE3377. This project will increase sa turtle inversion and participation and approximation approximate approximate approximation and approximation approxima	
Success will be determined by a reduction in strandings, use of program and feedback from users. This carcass drift work is	Reserve and standard 5/7 7/22/2017 Sea turtie and mamming the response to optimic a patient survey and the data standard provides and the survey response turtie incidential captures, which could possibly be attributed to optimic a patient standard and the survey response turtie incidential captures, which could possibly be attributed to optimic a patient standard and the survey response turtie incidential captures, which could possibly be attributed to optimic a patient standard and the survey response turtie incidential captures, which could possibly be attributed to optimic and explorates and the survey response turties incidential captures, which could possibly be attributed to optimic and explorates and the survey response turties incidential captures, which could possibly be attributed to optimic and explorates and the survey response turties incidential captures, which could possibly be attributed to optimic and explorates and the survey response turties incidential captures, which could possibly be attributed to optimic and explorates and the survey response turties incidential captures, which could possibly be attributed to optimic and explorates and the survey response to provide and response to approximate and the survey response to appro	
focused on sea turtles, but the program could be modified to include marine mammals. Date Entered: May 16, 2017	Bester and feasible Set 7 7/25/202 Set surface and meaning on the set on the only easible determined by a structure in the set on the only easible determined by a structure in the set on the only easible determined by a structure in the set on the only easible determined by a structure in the set on the only easible determined by a structure in the set on the se	
	Rescribed and 547 7/25/2027 Rescribed administration of and survey. The interpreting practices and unification of	
	Reaction and based based based based based br>response to collect data on application and explaines. Dutres were indexed by application data sequences based data sequences based data sequences based b	
	Recent hud 547 7/2/2017 Sas bartle and mannet Abbe Project Edit 12477. This project will deread a space in the edit or a space in the edit	
	Results and 5677 7/25/2021 Results and manufactures and set survey. The independent of a survey. The independent of and survey in the independent of and survey. The independent of and survey in the independent of and survey. The independent of and survey in the independent of and survey. The independent of and survey in the independent of and survey in the independent of and survey. The independent of and survey in the independent of and survey. The independent of and survey in the independent of and survey. The independent of and survey in the independent of and survey. The independent of and survey in the independent of and survey in the independent of and survey. The independent of and survey in the independent of and survey in the independent of and survey. The independent of and survey in the independent of and survey. The independent of and survey independent of and	

Reservch and Education	5688		Restantion of Guilf of Maxics palagics and knowl scale fibrines: addressing movement ecology data needs	IOAA Project IDE3127. This project will use multiple tracking behaviously, and use will be the Integrated Tracking of Advance. Assess with traditional capture-based methods. The focal species will be viellow/the time of Humons ablackines, granter amberget forcinal dumentil, tools (Rachy entrome canadum), et of dume (Saceneys out), granty compared and the species of the species dumentil, tools (Rachy entrome canadum), et of dumentil (Saceneys out), granter provide (Saceneys out), et al. (Saceneys out), and the species out) and the species out of the species of these species. This is of special concern with varies out ways not seen in most therefore species out). The other outs and the species of these species of dispersions of the species out the therefore species out and the species of these species. This is of special concern with varies outs mays not seen in most terrestrial species. All focial species of these species: and advances of the species out the species out the species out the species of dispersions outs and the species out the species out the species of analyhic bit outs of the species out the species out the species of analyhic bit outs outs and the species out the species outs outs outs and the species, resulting in heart-related abnormalities that could impact too species outs outs outs outs outs outs outs out	Ye	s No		No	No	No Y	es Yes		0	\$ 5,000,000 00 \$ -			
Research and Education	5689		Integrative Data Interacture for Gulf of Mexico Mesophotic and Deep-Renthic Halott Assessment and Restoration	NOA Project IDII 3337: OBIECTIVES - Build, enhance, and expand upon existing federal data management infrastructure for mesophotic and deep-benth: biogenic habitas - Support the collection and analysis of new information from Guil restoration of mesophotic and deep-benth: biogenic habitas - Support the collection and analysis of new information from Guil restoration deep-ase coral habitas represent rare, valuable, and vulnerable communities in the Guilf of Neuros. Both mesophotic (30-5100) minutes were alwaged during the DWH obigonic land deep-ase corals including and restoration of the Support of Support and the context rest experiment shall be supported and support of the Support of Support and deep-ase corals, including support Support and supports and an online map port affinity/deepperconduct reservich on deep-ase corals, including survey techniques. The program works across NOAL inc Offices to implement studies and has developed a national database of deep-ase corals and sponges and an online map port affinity/deeppercondista nonagov). The proposed activities support toh depectives of the POADP through data analysis, advanced habitas surbabits modeling, and management of not deep-set corals, including the NoADA to Differs to implement studies and that developed a national database of these restoration efforts will depend upon an understanding of the habitat and environmental factors that deremine where achieves of the set shorts are most like to succeed. VEX. TORS NOA DEUREMENTS - Stabilito and database of these escoration depects and the succeed market influid focus on corals and sponges and associated environmental datalayers - Build capacity and supporting data management forma ACT influid focus on corals and sponges and associated environmental datalayers. Build capacity and supporting data management forma ACT influid focus on corals and sponges and associated environmental datalayers. Build capacity and support assace of the art display of density, diversity, presence and database da	Yef	5 No		No	NO	NO Y	eş Yes		0	\$10,000,000,00 \$ -			
Research and Education	5691	7/28/2017	A demonstration project medice bluefin and sea medice bluefin and sea turtle bycath increasing of the set depth in the set set depth in the set set depth in the set set depth in the set set depth in the set of the Mexico (GoM) pelagic longline fishery.	NOAM Project (IB12468: The proposed project will restore of both blenkin tuna and sea turtise through the reduction on byctath in the pelagic conject (IB12468: The proposed project will be able concerned use to the byctath ontally of spawning blenk tuna in the directed yellowint tuna longine finhery. As a result there have been several management measures to mitigate the byctach of blueline, finduding the required use of weak hoots. In 211 and the implementation of individual Bluefin Cuosios (IBCs) in 2015. Research conducted by NOAA Fisheries in 2012 allows that setting longines deeper than typically fished can reduce bluefin interations with longing mean all kelly increases the catch of targeted yellowing tuna. During the study researches deployed hoot timer and temperature/depth recorders (TDRS) on the longine to determine when and at what depth yellowing that 20% of Singing the period (the period the project with the CMULE PSAT 20% data showed bat 20% of Singing time in the primary fishing zone (Irom PSAT data) and CPULE PSAT tada also schwed that bluefin speech no heigher portion of funnish time the depleting time in the primary fishing zone (Irom PSAT data) and CPULE PSAT periodinal in the search in other fishing the search in the deep setting of longing para also can reduce sea turb bycath. Based on these results we propose to conduct a demonstration project within the GMU pelagic longine fishery is research an acch. Cheards the elsevent the normal fishing data in data set al greater depth. If the indications from the previous two GMU addines, fishers industry wile location to fisher when and a set to the location the search in the fisher the addition to the GMU pelagic bases of workshops throughout will GMU additions the fisher the fisher of through a dates of workshops throughout will GMU beging indicating the data data as depend deptil	¥er	s No	, r	No	No	No Y	es No		0	\$ 2,500,000,000 \$ -			
Research and	5707	8/1/2017	Baseline Sturvey of Gulf of Moxics Rod and Revice Not and Revice Not Fishing Gear Interactions with Protected Species	NDAP Royect IDR13997. This project would gather baseline information necessary to inform fluure restoration to reduce lethal instructions between on adm red finking gaver and protected species (i.e., e.g. attruites and marine mamals). The project would survey recreational anglers and for-hire vessels using rod and reel fishing interactions between on adm red gate. This of adm reduce gaver, the instructions between on adm red given. This migning interactions between on adm red gate are and protected species interactions with orad neel gaver. This migning interactions between on adm red gate are interactions may use and any other than the species of the animals, interactions cause an increased risk of dath or serious injury from entangiement in or ingestion of gave, illegair relations form anglers, and changes in maturia behaviors. For example, when a dophin is fed, this leads to changes in the dophind's for forging behavior, and teaches it to associate anglers with food. NOA seeks to reduce injury and mortality to sea turbles and marker marmals from interactions with o add ared fitting gater by fully understanding the frequency, location, and forkar. The survey sampling frame will be informed by Marine Recreational information Program Fubing survey modes. Anglers and forkar the survey sampling frame will be informed by Marine Recreational information Program Fubing survey modes. Anglers and forkar the survey sampling frame will be informed by Marine Recreation on rod and red gara interactions is mediated to fully understanding the frequency, geographic erection, and and or interaction spectra subsidies, strating fragmes endords are ports by fully aremed. Strategic data collection on rod and red gara interactions is inseed to fully understand the frequency, geographic erection, and node of interaction between protected species and fishing gear. Understanding the imagenes, swell as where and how often these interactions occur, is what to informing restorations fishing sears of the spectra species a	Ye	s No	, r	No	No	NO N	io Yes	h	0	\$ 750,000.00 \$ -			

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Research and Education	5710	8/1/2017		NDAA Project IDB1358: Through this project, NDAA intends to recover submerged dereic(Abandoned faking gear from popular (and heavy) used) shore-based fibring locations. The relic gear, particular monofiliament fibring line, that is accidentally or intentionally left in the environment by recreational fibrers is a pensistent threat to sea turtles. This is the most commonly documented marking debris found on stranded sea turtles in the GOA. This abandened/loss fibring gear againClanty contributes to entanglement of sea turtles and tends to accumulate around areas used for shoreline fibring. Project locations would be selected and prioritize based on intention of our locational fibring. Amount occlocation with sea turtles (e.g., Forsing areas), and frequency of entanglement/ingestion-reliated strandings. This project could potentially also benefit marine mammals. This project could be scaled based on available funds. Estimated 73K/size. Date Entended, May 22, 2017		Yes	No	NO	No	No	Yes	NO	No	\$ 225,000.00	\$ -		
Research and Education	5721	8/4/2017	DWH Long-term Planning Action Analysis Ocean Use Mapping	INOA Project IDE13615 conduct participatory enrichnos with regional ocean experts to rapture community perspectives about ocean space and to create many of past and current ocean uses a nois hume edition stores. Inon-consumptive, failing and industrial/military. Develop GIS data, map and analytical products, and web based interactive viewers to guide NBDA efforts. Benefis: 1. Provides critical information about ocean uses a nois public and and protitica futures energiency response and cleanup activities in order to minimize impacts and injuries to users. J. Captures wide range of community perspectives access aspace (Le. Novi is used, governed and managed to complement other mapping approaches designed to document physical ocean features/properties (e.g. species distribution, biodiversity) indicators, ecosystem health). J. Provides a more complete baseline of human uses for future is gail assessment related to lost use compensation and extenziona. A Provide s and unque and comprehensive planning resource to identify, design, prioritize and evaluate restoration projects for the efficient constituent in flamme energinaming tool uses and values. J. Provide a lost estant value and extension and and extension and the extension and analysis of the times of the efficient constituent in flamme rescapement priorities that a Provides, for the futures. The baseline data to exolute linking between existing ocean uses and advicemented encomic values of coastal activities. Provides: 1. Statu GIS data on advice linking between existing coastal user and documented encomic values of coastal all activities. Provides: 1. data on existing coalies linking between existing coastal user and documented encoming remote valualization and analysis of GIS data. Destered butcomes: strengthened and more efficient planning removersiones, assessment and restoration. A Entreactive holisitos mapping product utilizable by multiple planning agencies & -EuteredI mechanism for integration with existing resources à-B Planning product utilizable acro		Yes	No	No	No	No	Yes	Yes	No	\$ 3,000,000.00	\$ -		
Research and Education	5725	8/10/2017	Develop rapid response techniques and advanced techniques to enable rapid assessment of deep- ee coal community ecology.	NOAA Project ID#13547. Deep-sea sediment fauna (infauna) represent important components of benthic biodiversity, and provide essential ecosystem functions including sediment bioturbation, organic matter decomposition, and energy transfer. Nowere, due to trie sedentary infasti-sea and own adbits, infauna are vulnerable to disturbance, molicing hydrocarbon contamisation and organic emit, impacts associated with contamisants from the DWH split resulted in changes in the provide search and the sedentary infasti-search composition and energy transfer. Hong term response of these deep-search costa unclear. Sedente community assessments have traditionally used taxonomic methods for identification of fauna and diversity estimation. However, there methods are time intensive. Hong term response of these deep-search costa sidemicer community assessments have traditionally used taxonomic methods for identification of fauna and diversity estimation. However, there methods are time intensive. Biodiversity and genetic connectivity of deep-sear and costa sidemicer communities, and characterine per- and post-split beach sites affected by heavy oling during the DWH split. Environmental sequencing may elucidate connectivity among GOM hibitats, potentially identifying critical habitats for biodiversity and genetic during the second s		Yes	No	No	No	No	Yes	Yes	No	\$ 11,000,000.00	\$ -		
eesarch and Education			and inform future restoration activities	INOA Project IDH13535. Benthe fanan provide essential ecosystem services, including nutrient cycling, biorass production, and so of benchic bioloweshy has been correlated with an exponential detail in ecosystem services. Sediment bioturbanis, and a loss of benchic bioloweshy has been correlated with an exponential detail in ecosystem services. Sediment macro- and medinaux (infauna) represent important indicators of natural and anthropogenic disturbance primarily due to their sedemany lifestyle and therit poild reports to change, thus, examining these communities. Bas prove useful in impact assessments of costal and deep-sea communities. For example, in the wake of the DWH oil spill, immediate impacts adjacent to the impacted costs are tracking changes in these communities with time since the spill (2010-2016). While long- term impacts to their hold must dim users are precided to be also with DWH dired eved contaminates remaining in biologically active sediments for many years. Cond-associtated sediments contain benthic communities that differ from other soft sediments to restore these habits are unchanges. This research will characterist infaunal community structure at several deep-sea corial sites. Sediment cores will be collected adjacent to corials basits infaunal adminutely structure at several deep-sea corial sites. Sediment cores will be collected adjacent to corials basits infaunal adminutely structure at several deep-sea corial sites. Sediment cores will be collected adjacent to corials basits infaunal adminutely structure at several deep-sea composition in ecosystem affected by different stressors. Sediment also will be processed for total adjacent cores will be noted to adjacent to corial basits. This research will characteristic adjacents comparisons will be made between tests in order to estimate the percent core unity dissinalizing administic comparisons will be made between tests in order to estimate the percent core will power attractivity similarity and that is comparatele to exist	Manufactor	Yes	No	No	No	No	Yes	Yes	No	\$ 10,000,000.0C			
Research and Education	5729	8/15/2017	Harrison County Sheriff's Department Training Academy	The Harrison County Sherff SD Department Training Academy is a full-anvice training academy that offers basic certification and advanced councils in communications, corrections and law enforcement. The academy is a calibaneity partnership between the Harrison County Sherff SD Department and the Mississippi Gulf Casta Community College. The instructor pool of the Academy is comprised of practitioners, ensuing attendess review real, yracidat training. The current pool of castes come is a structure of the structure and the structure structure and the structure pool of the Academy is comprised of practitioners, and and hired by Law Enforcement Agencies upon completion of the program, the genrices that hired the strain castes are also spread throughout the state. The Marine's Department is seeking funding in order to build state of the strain castes chardow that will allow them to become a premier destination for law enforcement training in the Southeaster.	Harrison	Yes	No	No	No	Yes	No	Yes	90 No	\$ 5,000,000.00	\$ -		

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Research and Education	5730 8/16/20:	Assessment, Monitoring,	INDA Project ID#1358: This project uses need satellite technology to provide classified habitat shoreward of approximately 40 meters water dependent harcess the call of behavious Reactaes statellites pass over any location regularly, this unique project will create a tenter sout dependent harcess the call of behavious Reactaes statellites pass over any location regularly, the improvement is no variety of pressures. Many open occers fish, invertebrates, marine mammals, and turities injured during Deepwater and dependent on technology and behaving how the read when change occurs. Such data are involubable for defective, targeted restoration (painting, the province) may reducation (painting), the province is a variety of pressures. Many open occers fish, invertebrates, marine mammals, and turities injured during Deepwater and dependent on to bhen eardows or estuarine hobitats. This is because the most valuable - and pragmatic -open occan boh meardows even taurine hobitats. This is because the most valuable - and pragmatic -open occan technologies and observine hobit extraine habitats are allow prevention of the set of the state of the	Ye	is No	No	No	NO	Yes	No	NC	\$ 5,000,000.00	\$ -		
Research and Education	5734 8/16/201	7 Dolphin Conservation Mobile Education/ Outreach Exhibit	KOAA Project DR13570: This project involves developing a mobile outreach and education enhibit that would travel throughout the GuT States to educate readents and visitors about dopline concervation issues. The audience includes recreational folderman, back-bages, motorized and non-motorized recreational vessed operations, and the general public By educating these audiences and distributing outreach materials at foling piers, marinas, and events, this project will - Reduce inpury and mortality to bottenes doplins from host-and-line foling ger by educating fiberman about ways to avoid interactions with doplins while fishing and provide them with Dophin Frendyr Eishing Tos increase botteness doplins in survival though better understanding of cause of lines and metals as well as early detection and intervention of anthroogenic and natural threas because this audience would know how to help a stranded, injured or entangled marine manmal and to report three animats to the appropriate transfine theoretic minitately Reduce injury, harn, and mortality to botteness of dopins by reducing linegal feeding and harasment activities because audiences will better understand the harm and consequence of these activities. They will learn how to negrine dopin healwoirs that are signs of harasment and also how to reporting the activities. They will learn how to negrine dopin healwoirs that are sign on harasment and also how to responsible wide doplins in the wild Reduce liquing and harasment activities because audiences will better understand the harm and consequence of these activities. They compare doping and harasment activities because addimense distributes data wayapeed with colorful, eye catching doplin graphics and bod deucational messages. Not only would this attract people during doubles about. The inversion during to unchannes and contomic two heinit to reach through the head and states. The inside of the van would be a cutomized enhibit illustrating and educating audiences about the topic topic	Yes	s No	No	No	No	Yes	Yes	No	\$ 500,000.00	S -		
Research and Education	5737 8/16/201	7 Printing and Distribution o Marine Mammal Conservation Outreach Materials & Signs	NOAA Project DB13572: Partners currently assist NOAA Fisheries with the distribution of dolphin conservation outreach materials and sign: installation throughout the Gulf States. While these efforts are appreciated, outreach is inconsistent and othen opportunistic, therefore laking in many areas. This opiect would find a fill time educatic Q stars to implement a stars of the stars of the s	Ye	IS NO	No	No	NO	Yes	Yes	No	\$ 275,000.00	\$ -		
Research and Education	5745 8/17/201	17 Broad Scale Aerial Survey to Monitor Sea Turtle Trends in the Gulf of Mexico	NOAA Project IDI 13607: This project would entail broad-scale aerial surveys of the Guil of Mexico to monitor long-term trends in abundance of large juvenile and adult loggetheads, Kempid ²⁴ 's ridleys, and leathetback turtles. The survey would incorported recommended survey design/methodologies from the receiver/ convent AVAA has a varve workshood buildes would be spaceficially designed and implemented to ensure a robust sample design that would yield long-term trend data. This biblings for bong ensures and adult to an advert and the strend data. This project that data the strend data the strend and the strend data that advert and the strend strend data. This project has a strend data that program and would provide information not only on trends in abundance, but on distribution to help inform netroration grangman and would provide information not only on trends in abundance, but on distribution to help inform netroration grangman and would provide information to the survey years are initially anticipated. This project could also benefit marine mammaba. Date Entered: May 22, 2017	Yes	es No	No	No	No	Yes	No	No	\$ 3,000,000.00	\$ -		

Research and Education	5751	10/19/2017	USM Ocean Engineering and Umanned Autor Systems at the Port of Gulfport	Statement of Need: The State of Mississipp has made extraordinary investments in its marine science and education enterprises around the Port of Gulport. The acquisition of the research vessel? Point Survey arous State Port. The investments will vessel?" Economy will be fostered by academic research and education activities at the Port. The US Navy, other federal agencies and industry. Statement of Work: The USM Port of Gulfport Marine Research Facility will be completed in Spring 2018, and the funds will be used to purchase tasked of the artifaction and engineering equipment, information and teaching technologies, building furnishings and ship support equipment. The building is constructed by Mississippi State Port Authority, and USm is entering furnishings and any acquipment. The building is constructed by Mississippi State Port Authority, and USm is entering braidown is provided here. Financial Request: Engineering/fabrication equipment, Detailed Items for acquire will be submitted, but a general braidown is provided here. Financial Request: Engineering/fabrication equipment (51,170,000) Transport vehicles/filting capacity (550,000) Small boas drop (150,000) Small boas drop (150,000) Information/resching technology (\$225,000) Information/resching technology (\$225,000)	Harrison	Yes	No	No	No	Yes N	o Yes	50 Yes	\$ 2,400,000.00	5 -	
Research and Education	5760	1/24/2018	Understanding the cause of spontaneous abortions in cetaceans after DWH	NOA Project IDI 13392: The proposed project seeks to better understand the physiological mechanism that resulted in sepontaneous abornos of small extensions after the Deep Water Horizon event. The project will require accuss to archived tissues from stranded cetaceans. The lab analyses will include analysis of disease causing pathogens as well as baseline measurements of the endocrine and body composition of the stranded specimens. Date Entered: 5/15/2017		Yes	No	No	No	No N	o No	No	\$ 300,000.00	\$ -	
Research and Education			Unmanned Maritime Systems Technology Yrogram	Mississippi Guil Coast Community College (MGCCC) seeks to work with interested partners in the development and implementation of an Unmanned Martinie Systems Technology Program to support basiness and industries that directly program will be located in Jackson County, Mississippi on the Lackson County Compus UCI of MGCCI and will complement the esting career and technical programs on campus, a thriving local martime industry, and growing scientific community. The proposal herein will not be static and will be informed by and updated as directed by current coastal efforts associated with ummanned martime systems, inclusive of the work of the Governonfet?s Ocean Task Force. MGCCCG ⁴⁴⁷ , Unmanned Martime Systems Technology Program will be a technical education program that will provide student with the opportunity to become employed in a growing industry. Information provide by the Duke Center on Globalization, Governance and Competitiveness indicates that the industry is a 5156 million-tollar industry that is growing at rate of 13.88 annually. The grogram will coatin adsocrom, lab based, and field-based instruction and will seek out industry and university partnerships in support of the grogam. Countes will focus on systems 17, systems maintenance, systems spectrations, systems security, systems manufacturing, systems sugate, toublehooding, and the industry in general. The grogram location will be on the colleged/e ⁴⁵ stackson County Campus (IC). The campus is located in Gautier, Mississippi systems based electronics, and automation argorms. Programmatically, the campus is located in Gautier, Mississippi systems based electronics, and automation argorgams, workforce (EC): a 40 are edvelopment and outoride orgams. The companys to an Unmanned Maritime Systems rechnology program. Additionally, IC is hown to the collegel/e ⁴⁵ stackson County family and starks and the duil of Mexico, systems based electronics, and automation are complimentary programs to an Unmanned Systems rechnology program. Addi		Yes	No	No	No	Yes N	o No	Yes	\$ 4,663,914.00		
Research and Education			Reef Fish Community Permit/ Quota Bank	The Missispip is the most under sevel state in the commercial of under a Missispip and the Missispip is the most under sevel state in the commercial Guirf eff in finkery. Missispip is the least annual not Guirf eff fink permit holders and individual fishing quota shareholders. This project would help to increase commercial access to reef find species such as red snapper; a variety of groupers; a variety of tiletity, and various other fish species that require a federal Guif reef fish permit to harvest commercially. This program would also help to reduce dead discards in the reef fish fishery by providing the needed quota to harvest fish that would otherwise have to be discarded at sea. This project would greatly benefit MissispipIdf ^{max} scalad ecomp by increasing access and landings for several species of reef fish. Mississippi's commercial fishermen, seafood dealers, seafood markets, and restaurants would al benefit from this project. Similar programs have been implemented across has Nation to provide community protections for intimed access commercial fisheries. Vait www.actchinext.com to learn more about permit and quota banks work. The need to diversify the income of isadoof industry needed use to the severe decline in revenues generated from the local oyster and shring industry following the BP oil spill.	Stone,Jac kson,Pea l River,Gec rge	r r	Yes	Yes	Yes	Yes Y	es No	Yes	\$ 1,000,000.00		
Research and Education	5769	2/25/2018	Sea Turtle Conservation and Shrimp Travel Vessel Electronic Monitoring Program	The Mississippi Commercial Triberies United, inc. proposes funding for a Sea Turtle Conservation and Mississippi Shrimp Tradi Vasel Tektronk Montoning Program. This program would initially target sitemater tradi shrimping vases that are currently no required to use Turtle Excluder Devices (TED) but must adhere to tow time regulations that limit the length of the tow times to Simulues of 73 minutes depending on the time of the year. A pending MOA unle has been promuting and that would require alimmer travik. This program proposes funding to establish a voluntary incentive based program for Mississippi shrimpers to implement and use electronic data loggers in the cod end of ahring nets. This data logger is water resistant and records water level data to determine when a set is submerged to maker and for hole long. This data void gives an accurate experimentation of alinop determine when a set is submerged to maker and for hole long. This data void gives an accurate experimentation of alinop downloaded through hard wine. This data could be used to help inform compliance with how time regulations and provide a value alietation of the set of the set of hole long and data would be used in any theory of set of the provide that to hole be used to the provide set of the provide set of the based provide and data would be used to the long for the factoria to be used for the Charlot Powers. This technology could also help provide verifibate data to provide a time downloaded through hard wines in the charlot powers. This technology could also help downloade verifibate data to provide a time downloaded with the data to ensure daily production and advalue to domentically harvest data the provide to help document effort and tow times in the charlot powers. This technology could also help provide verifibate data to provide help help the shrimp industry to obtain sustainability certification by verifying compliance with regulations that minimize lethal interactions with sea turtles.	t ackson,H		Yes	Yes	No	No Y	es Yes	Yes	\$ 750,000.00		

Normal 101 Normal with the second secon																
Ruder No. Max (No.) Restance of the sector of the se		5771 2/25/2018		Force: The purpose of the task force (advisory panel) is to engage stakeholders throughout the advisor to bring forth dises and recommendations to implement sustabability projects and management measures. Mississipal currently des not have a shring industry task force. The task force would not have any regulatory power and would only be able to provide recommendations to the proper state and/ or federal governing bodies. This program request finds to conduct meetings, outreack, and procure certain equipment necessary to fulfill the objectives of the task force. Funds would be used to serue meeting venues; appoint and compensate task force members for time contributions; purchase technological equipment to record and broadstart meetings, and conduct outreact to the shring how the state technological equipment to record and broadstart meetings, and conduct outreact to the shring how the state technological equipment to record and broadstarts meetings, and conduct outreacts to the shring how the state technological equipment to record and broadstarts meetings and conduct outreacts to the shring how the state state and or provide records and the shrings and the shrings how the shrings and the shrings how the shrings h	ackson,H arrison	Yes	\$ 250,000.00	\$ -								
Induction Interpretation Interpretati		5772 2/25/2018	9 Fin-fish Industry Task Force (Advisory Panel)	Force: The purpose of the task force (davisory panel) is to engage stakeholders throughout the fin-fin industry to bring forth dates and recommendations to implement sustabability projects and management measures. Mississippid currently daes not have a fin-fish industry task force: The task force would not have any regulatory power and would only be able to provide recommendations to the proper state and of or federal governing boles. This task force would include representation from the recreational, commercial, and for-hire sectors that are engaged in the harvest of fin-fish species including but not limited to specified tour, red fish, flounder, membaden, red fish, and trua. This program request funds to conduct meetings, outreack, and procure certain equipment necessary to fulfill the objectives of the task froze. Funds would be used to secure meeting venues; appoint and compensate task force members for time for infinitions.	ackson,H arrison	Yes	Yes	Yes	Yes	No	Yes	No	Yes	\$ 250,000.00	\$ -	
 Lingene band Linge		5773 2/25/2018		Force: The purpose of the task force (advisory panel) is to engage stakeholders throughout the oyster industry to bring forth dates and recommendations to implement sustability progress and management measures. Mississippid urrently daes not have an oyster industry task force. The Governod4** or syster task force formed in 2014 but no longer convenes due to a lack of landing. The task force would not have any regulatory power and would only be able to provide recommendations to the projers state and/ or federal governing bodies. This program request funds to conduct meetings, outreach, and procure certain equipment necessary to fulfill the objectives of the task force. Funds would be used to secure meeting venues; appoint and compensate task force members for time contributions; purchase technological equipment to record and broadstar meetings, and conduct outreact to the oryster states technological equipment to record and broadstar meetings, and conduct outreacts to the oryster states and compensate technological equipment to record and broadstar.	ackson,H arrison f	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	\$ 250,000.00	\$ -	
Education No Stabular (CMM) Coastwide Reference Mississippi to inform wetland restoration success and also assistive theory implemented in Louisan. The Louisan Mississippi mississisp	Education		Job Training	green industry and provide job training opportunities in regard to natural resources such as landscaping, trees, food johnts, growing tood, juind maintenance, cut flowers, and other "green jobs." The program was called 'Ribbons of Green Career and Joh Training." We are proposing this project to assist in restoring the MS Gulf Cass from injury of natural resources but also to provided valuable job training and career development. Many people are not aware of the many opportunities working with natural resources. Natural Besource Job Training and Small Business Incubator The project will include job training in the classroom and training on sites. Site for training will be identified based on topic of training, location of participants and relative to the topics. This community garden and faming pasce is the perfect location for a job training and small business incubator center. Not on will this project provide real-time economic opportunities to the traines; I will also help develop and revive the surrounding communities, while realizing and growing the green industry along the MS Gulf Coast. This project would create training programs that satisfy needs of employers in the state. The following programs would be implemented: Job training and certification as a trained individual would be provided for ead of these topics. Individuals participating will complete the whole training program. Trainers will provided assistance in obtaining jobs in the state for seven the traines in the state in obtaining phony the trained assistance in obtaining phony to provide the provided to read of these topics. Individuals participating will complete the whole training program. Trainers will provided assistance in obtaining jobs in the state in the production allegratible growing and harvestrig blawrey training (growing seedlings & furt three propapation)	b	Yes	No	Yes	Yes	Yes		Yes	Yes	\$ 323,000.00		
Education Enhancements for a robust business community that serves sturists, fishering and pedestrians. The Harbor has been enpeatedly damaged by sharule [Hirting 100 Signil] distances have destroyed and damaged the harbors channel, breakwaters, and pediotistic harbor destroyed and damaged the harbors channel, breakwaters, and pediotistic harbor destroyed and damaged the harbors channel, breakwaters, and the there discuss the pediotistic harbor destroyed and damaged the harbors channel, breakwaters, and there discuss the pediotistic harbor destroyed and damaged the harbors channel, breakwaters, and there discuss the pediotistic harbor destroyed and damaged the harbors channel breakwaters, and the there discuss the pediotistic harbor destroyed and damaged the harbors channel breakwaters, and the discuss the pediotistic harbor destroyed and damaged the harbors channel breakwaters, and the discuss the discuss the pediotistic harbor destroyed and damaged the harbors channel breakwaters, and the discuss the pediotistic harbor destroyed and damaged the harbors channel breakwaters, and the discuss the harbors channel breakwaters, and the discuss the pediotistic harbor destroyed and damaged the harbors channel breakwaters, and the discuss the harbors channel breakwaters, and the harbors channel breakwaters, and the discuss the harbors channel breakwaters, and the discuss the harbors channel breakwaters, and the harbors channel breakwaters, and the harbors channel breakwaters, and the discuss the harbors channel breakwaters, and the discuss the harbors channel breakwaters, and the harbors channel b		5803 8/10/2018	Coastwide Reference Monitoring System (CRMS)	NOAM Project ID 1389: Lepansion of a Costwide Beference Monitoring System (CMMs) wetland observation network into Mississipo to Informe wetland restoration success and also assist with Truster econogene netsoration quantification. The proposed project would build off of the existing CMMS wetland monitoring system being implemented in Louisian. In Louisian CMMS was designed to monitor the effectiveness of restoration actions at mutiles peatal scales from Individual project state and the influence of these projects throughout the castal acros. The LA CMMS design includes state for swamp habitats along with fresh intermeduate, brackish and ant marks. This project caid be implemented for swamp and marks or only marks in needed depending on the need. The following data types are proposed record land change, hydrologic, soils and vegetation including aerial manyer, accretion and surface elevation, vegetation, adjor powerst sintly, soil properties, hydrogapit. Additional activities such as data management and visualization, data analysis, report cards would be built into to the project at mescient appropriate. This project used and the built into to the project at micessary and appropriate. This project used and the built into to the project at micessary and appropriate. This project could an to build of and levarge existing fortis in the State of Mississipa Vinence interview.	s	Yes	No	No	No	No	Yes	Yes	No	\$-	\$ -	
		5804 8/10/2018		for a robust business community that serves tourists, finhermen, boat owners, restaurant diners, and pedestriums. The Hatoro has been repeated wanaged by natural furnicinea Kartina and marm-and eff (20 Spill) distaster. The harural distasters have distroyed and damaged the harbors channel, breakwaters, and support infrastructure (gas lines, power, etc.). The BP 01 Spill damaged many boats docked in the harbors and made tenamine lises likely to dock in the harbor. There direct impost drove away	ey.	Yes	No	No	No	No	Yes	Yes	No	\$ 60,000,000.00	\$ -	

Research and Education	5808	8/10/2018	Quantifying water availability and quality from submarine discharge points into Guif estuaries	NOA Project UH 1383. A resource managers continue to undextand the effects of water availability and quality from feetiwater systems that rain to Golf Estuaries and Pays, one source that is syntacily unaccounted for comes from submarine outcrops from nex-hore aquifers. The UGS has recently updated the Castral Lowlands Aquifer System (CLAS) groundwater model which and bue used to estimate groundwater flow and quantify estimates of water qualify functions tooks from a start sizes along the Gulf cast to: La develop an approximate water budget of water qualify functions tooks from water sizes along the Gulf cast to: La develop an approximate water budget of groundwater flow April Ford evaluater sizes along the Gulf cast to: La develop an approximate water budget of groundwater with drawasis and effects on water evaluater sizes along the Gulf cast to: La develop an approximate water budget of groundwater flow Gulf flow quartifies and water evaluater sizes along through the Gulf cast to: La develop an approximate water budget on S. surge groundwater flow quartifies and water chemistry data to estimate nutrient loads into Gulf estuaries from submarine waters sources (which cas then provide a better divertification) of the most sizes of Gulf. This poject could leverage an existing poject by the University of Southern Mississippi that is already underway funded by a grant from the Mississippi Water Resources Institute priorities of the Water Resources Priority issues Team of the Gulf O Mexico Allance to better understand occurrence and distribution of HAB outbreaks in nearshore areas around the Gulf. Date: Aug 6, 2018		Yes	Νο	No	No	No	Yes	Yes	No	\$ 3,000,000.00	\$ -	
Research and Education	5809	8/10/2018	Support System to address management of nutrient and sediment loads	NOAA Project IDII 13877: This project will build an online Decision Support System (DSS) that will allow managers to run scenarios by altering identified sources of nutrients or sediment within Gulf watersheds to see the downstream effects of those scenarios on nutrient and sediment basis entering bays and schuzins' across the Gulf. The GSS will be based on development or Total Ningen, Total Phosphorus, and Superiedde Sediment Spatially Referenced Regressions on Watershed Attributes (SPARKOV) models for the entric Gulf. In addition, daibyed of model results in the SSS and hejm anages traget watershed areas with high nutrient loads to better locate Best Management Practice implementable hydroghamm modes to identify potential hot pools entrieng by and estualises can albe used as nutrient inputs to available hydroghamm modes to identify potential hot pools across the Gulf for tranmin Agai Bloom outbreaks. Sediment models can help locate hot pool areas for high sediment loads within Gulf watersheds, which could be important to manage wetland restoration. Date Aug 1, 2018	f	Yes	No	No	No	No	Yes	Yes	No	\$ 4,000,000.00	Ş -	
Research and Education	5812	8/10/2018		NOAA Project IDII 13868Summary of rationale and proposed project: Nearly half of North American shorebid species (such as sandpipers and piovers) are declining, and a key factor in these declines is a loss of available habitat for migration stopover, appecially in fall (bit)-October) thense such habitat is more initimed. To migrate the impact of the Deparater Horizon oil spill on this group of birds, we need high-quality stopover habitat for them nay just on the immediate Guil Coast, but also away from such shorts and a sches agricultural fedics, can oroxice the high-subjet stopover habitat for migratory shorebirds. Groundwater is an increasingly-valuable and Immedir resource in the NS Delta, so groundwater-neutral strategies for such weak hunting, and the Stepha with the been estimated to be necessary to spurport the number of thirst typically improved stopover habitat for migratory shorebirds in the MS Delta. Goal 1: Create 600 hoctares of fall habitat for migrating shorebirds including used farve water sources, lateral pumping water storage, and provide high-subjet stopover habitat for migratory shorebirds through our region. Goal 2: Demonstrate the valibility of ground-water neutral strategies for creating shorebirds through our region. Goal 2: Demonstrate the valibility of ground-water resurtal strategies. Guil 3: Engige a diverse suite of private land not habitat sectorage, and forophilipuming strategies. Guil 3: Engige a diverse suite of private landowners and establish the desire for long-result of JS shorebird migrations, for example, we worked with handowners to create ap proximately 40 hectares ("100 acress) of habitat. Our on-the-ground surveys allowed to the strate atto this habita was used early on young of 10000 migratory protein-birds, built habitats, since-water retention reservoirs, working with a con farmer is sunflower County, Mississippi. Our long-term gai is to assure that the entities abult 11.2018	n	Yes	No	No	No	No	Yes	No	No	\$ 200,000.00		
Research and Education	5815	8/10/2018	flow study Mississippi	There is an approved RESTORE Act-funded Gulf-wider river flow study that will use a Mississippi coastal plain stream as a study site. It is currently being planned by the UGS Gulf Water Science Center in Nativille, with Rodiney Knight as the principal lowergigator. This using vieces to either flows on the Pearl New or model both the Pearl and the Resignation Faste QMSS modeling program for regulated rives. The following three curstices have been posed for investigation using QASIS, a powerful modeling framework: 1) How for downstream can a dam's disruption to flow be detected? 2) How ensitive use the fresh water needs of the essarup to upstream damming? 3) Can the coastal waters be so distant from a dam's influence on the river that it can't be detected? With the current plans to add more low head damry/weirs and a new impoundment on the Pearl River in Jackson, Ms in the mane of flood control, these three questions need to be answered for the Pearl Biver in Jackson, Ms in the best river scientists in the U.S.C. annot answer these questions about the Pearl River in Jackson, Ms in the sum of flood control, these three questions need to be annowered for the Pearl Biver in Jackson, Ms in the best river scientists in the U.S.C. annot answer three questions about her there than that of the Pearl River in Jackson, Ms in the sum aphone conversation with the USGS principal investigator, he said that there is no reason both rivers could not be investigated. The evening metal data or the Para River in a shourd to be diversigation. The vening metal data or the Para River in the Paral River, it is basically a affordability under the badget, there in 't a reason that OASIS couldin't be developed and un for the Paral River. It is basically a matter of himing Hydrologis. Inc to develop the program mad sponsor a team of USGS scientists to part. It is basically a matter of himing Hydrologis Inc. To develop the program and sponsor a team of USGS scientists to part. It is basically a matter of himing Hydrologis	Rankin, Hinds, Copiah, Simpson, Pearl River, Hancockt Tammany, Hancock	Yes	No	No	No	No	Yes	No	No	\$ 3.00	5 -	

Research and Education	3616	3/10/2018	Bottlenose Dolphin Health Assessments to Monitor Restoration Effectiveness in Mississippi	Health assessments are used to identify and understand population stressors, mitigate their effects, or plan more effective conservation measures, in response to management drivers (e.g., MMPA, ISA, NOAA's Ocean and Human Health initiative, and, more recently, for Natural Resource Damage Assessments JENNOA).				.10						-	2	
				CaptureRdMeane health assessments involve large teams of researchers using multiple vessels to locate, capture, assess, and release with bottmose dolpins. A large net is used to encircle one or more dolphins in hallow water. The team then enters the water and once the dolphin is disentangled from the net and restrande, blood is collected and vital signs are assessed. The dolphin is the throught up onto a specify designed platform on a bas for further examination and the collection of morphometrics, diagnostics, and biological samples. Samples are processed on the boat for timeliness and quality control purposes.												
				Standard morphometrics and diagnostics include a physical exam, body measurements (length and girth), ultrasound to assess reproductive status and biobler thickness, compilete blood count (CBC/blood chemistry/blood gases, serology, surbagess, endocrinology, munology, and asjass, sina and cal assessment, biotoxin and count annual measurements of the status of the												
				Heakh assessments have been conducted on bottlenose dolphin populations in various incisions in the Guil, including Saratola Bay, Florida (1937) (Heersent), Massission Sound, Massission (1982/488, 2013, 2018), Maragords Bay, Enot (1932), Si Longoh Bay, Florida (2005/696), and Barataria Bay, Louislava (2011, 2013, 2014, 2017, 2018). Health assessments conducted in Barataria Bay, Mississipal Sound, and Sarasota Bay were instrumental in quantifying injury associated with the Deepwater Horizon oil spill.												
Research and Education	5817	8/10/2018	Bottlenose Dolphin Photo- Identification Studies to Monitor Restoration Effectiveness in Mississipp	individuals over time to estimate population size and vital rates. They are also used to provide information on distribution, seasonal movements, habitat use, behavior, and body condition and	Y	es	No	No	No	No	Yes	No	No	\$ -	ş -	
				Centralized large-scale, collaborative photo-identification catalogs for bottlenose dolphins and other species have been established (e.g., the Guif of Neucico Dolphin identification System, or GoMDIS), providing a basis for tracking movements of individual animals beyond project study sites and detection grage shifts in response to environmental changes. Existing data systems need to be assessed, refined, and expanded to facilitate upload and analysis of a large number images and to improve data access and sharing by a diverse group of field researchers and partner organizations in Mississipa and throughout the Guif to better determine connectivity and movements of bottlenose dolphins within and between adjacent water bodies. Periodic workshops are needed to ensure standardized methods for image acquisition and processing are being used and revised as necessary. Multi-year studies need to be expanded to include additional study areas in Mississipal ind across the Guif, particularly ocasital of othorse reas affected by the oligital. Further research is needed on: (1) the development of software to enable more effective and timely analysis and comparison of still and video images, (2) the potential for high-resolution areain maging systems to adjuent or arguitar catitorial and and or veses in wyes. In (3) the use of uncourgied archity systems is a strained by the strained strained and or still and video images. (2) the potential for high-resolution areain strained and (3) the use of uncourgied archity systems is a strained by the strained area in a strained and and analysis and comparison of still and video images. (2) the strained and strained area to enable more effective and timely analysis and comparison of still and video images. (2) the potential for high-resolution areain to enable more effective and trainonal area in advices and or veset anverse. In (3) the used of uncourginal area to the strained area of the strained area in a strained and area strained area to analysis and comparison o												
				(UXS) or drones to collect images of marine mammals independently or during traditional vessel surveys or other surveillance operation. Budget is variable depending on the frequency of assessments and the duration of the project. Studies are most informative for assessing recovery of these long-lived species if conducted annually for a minimum of 10-15 years.												
				Entities capable of conducting such studies, or that have successfully conducted such studies in other areas of the Gulf, include the the National Marine Fisheries Service Pascagoula Laboratory, the National Ocean Service Charleston Laboratory, academic institutions (e.g., the University of Houston, Eckerd College, University of Southern Mississippi, University of South Florida,												
Research and	5821	8/10/2018	Addressing Harmful Human Dolphin Interactions in Mississippi through Research, Education, and Enforcement	Nearshore and coastal habitas throughout the Gulf of Mexica are adjacent to areas of high human population. The high degre of overlay with huma activities results in concern for both butchense dolphins that were also affected by the Deepwater Horizon of split. There are documented impacts on bottlenose dolphins from recreational fishing, boating, and tourism, including mortalities, liquies and harsament/disturbance. Tarmful interactions between people and odphins have been documented throughout the Gulf of Mexico, including in Mississippi coastal waters. Such interactions can be damaging to the documented throughout the Gulf of Mexico, including in Mississippi coastal waters. Such interactions can be damaging to the yvariety of user groups and stakeholders and multiple management jurisdictions involved in such interactions requires a coordinated effort among state and federal biologists, manages, and enforcement agencies.	Y	es	Νο	No	No	No	Yes	No	No	\$ -	ş -	
				numa ravives to concern to rouenesse copinin inclusives decreational fisheries - Interactions stem from entanglement in or ingestion of active or discarded fishing geax, depredation to hald or catch, vacening of released fish, habitat degradation, and provisioning of animals. They can also stem from relation or lethal determents by fishermen for depredation on bait or catch. Acute and chronic impacts include altered behavior, decreased nutrition at statu, uping, and mortality.												
				-Bourism and recreational activities - Interactions occur with recreational boaters, jet skis, dolphin and whale watching tour boats (particularly those operating irresponsibly by touching, feeding, swimming with, or harassing animab), and include boat strikes, disruption of natural behaviors, changes in group composition, saccotained or people/boats with food if provisioning occurs, and conditioning, Long-term avoidance of high-use areas can lead to localized declines in abundance or shifts in habitat use to sub-optimal habitat. Acute and chronic impacts include altered behavior, decreased nutritional status and growth rate, jury, and mortality.												
				Prevention of human-dolphin interactions is key, and is based on an understanding of how and why interactions occur. Targeted research on human attitudes towards dolphins coupled with long-term, year-round behavioral studies and data from stranded animals can help provide a more complete picture of causes of interactions, interaction rates, trends over time, and potential animals can help movide a more complete picture of causes of interactions, interaction rates, trends over time, and potential animals can help movide a more complete picture of causes of interactions, interaction rates, trends over time, and potential and the states of the states												

Research and Education	5823	8/10/2018	Reducing Rotath d Battinose Lappine in Mississippi Commercial an Mississippi Commercial an Recreational Fisheries	More mammal bytech: refers to any markine mammal absersely affected at a result of being unitentionally protangled, entrapped, emanated, or capital by normalise, lines, transp. or hooks, or otherwise impacted by Ishing gass. Bytech is the groatest of elect cause of markine mammal injury and death in the United States and around the work. Bytech is the groatest of elect cause of markine mammal injury and death in the United States and around the work of the Reducting markine mammal bytech of users cause of markine mammals injured as a result of the Deegwater Horizon oil spall. Markine mammals bytech super states to restore markine mammals injured as a result of the Deegwater Horizon oil spall. Markine mammals injured has a senseme Trustees to restore markine mammals injured as a result of the Deegwater Horizon oil spall. Markine mammals injured whates, pantropical spotted dolphins, prygmy sperm whates, Risco's dolphins, and short-finned pilot whates. Observer coverage to document and quantify fisheres interactions with markine mammals is limited, but based on best available frequent or occasional bytech of markine mammals: shring traw, menhaden pure sene, cosstal gillnet, pelagic longline, trayloci, and charter bash/kadbott thereis. There are and as documented interactions between bottense dolphins and recreational hook and-line fisheries. Reducing bytech in commercial and recreational fisheries operating in and adjutent to the sissippit site waters can aid directly in the restoration of bottenose dolphins and tercerational fisheries operating in and adjutent by the dissippit site waters can aid directly the theret and additional information needed by manager to determine favor sosciated with bytech, as ager type, time of day, bait type, fishing methods, areas fished, etc., and to identify, test, and implement measures to reduce bytech.	Yes	Νο	No	No	No	No	No	No	\$ -	Ş -	
Research and Education	5825	8/10/2018	Expand and Improve Marine Mammal Stranding Response and Monitoring Capabilities in Mississippi	This project requests sufficient long-term resources for the designated Marine Mammal Health and Stranding Response Program (MMHSRP) network member in Mississippi to monitor the effectiveness of restoration efforts through enhanced	Yes	No	No	No	No	Yes	No	No	\$ 10. ¹	30 \$ -	
Research and Education	5830	8/10/2018	Bortheore Dolphin Health Aussesments to Morta Restoration Effectiveness in Mississippi	Health assessments are used to identify and understand population stressors, mitigate their effects, or plan more effective consenzation measures, in response to management direver (e.g., MMPA, ESA, NDAA's Ocean and Human Health initiative, and more recently, for Natural Resource Dumage Assessments 3EBRDA4). CaptureABtelease health assessments involve large teams of researchers using multiple vessels to locate, capture, assess, and effects with Dottiones dophins. Tallage net to such to concil cove or more dohins in shallow water. The team then enters the water and once the dophin is disentangled from the net and restarined, blood is collected and vital signs are assessed. The dophin is there brought up onto a special dyscipped platform on a bast for timere examination and the collection of morphometrics, diagnostics, and biological samples. Samples are processed on the boat for timeliness and quality control purposes. Standard morphometrics and diagnostics include a physical exam, body measurements (length and girth), ultrasound to assess reproductive status and biological samples. Samples are processed on the boat for timeliness and quality control purposes. Nature is the sample of the samples is a constrained to the mistry/blood pases, serologn, pashagens, vashs. Most of these diagnostics can only be obtained from wild dophins through capture and biole restants, and biological samples. Samples biol control (ECI)blood themistry/blood pases, serologn, pashagens, or sample amilystics. The pooling of available samples has resulted in the estibilithenest of reformers, and biological samples. The pooling of available amilystic has resulted in the estibilithenest of organocitorinos theorative health parameters, such as CRC, semu chemistry, mass length ratio, and ablo baseline levels for bioloxis, persistent organic pollutant pesticides. Health assessments have been conducted on bottlenose dolphin populations in various locations in the Guil, including Sarastort Bay, Findid (2005408), and Baataria Bay, Louisiana (201	Yes	No	No	No	No	Yes	No	No	s -	Ş -	

Research and	5832		A comprehensive,	Introduction:							_			 \$ 16.00	1.	
Reset of and Education			In utilizer any any other to the state of the state of the state of the state of the state state of the state of the state of the state of the state subtacted of the state of the state of the state of the state state of the state of the st	The shrinks fibery is the most valuable commercial falsery in the Girl of Maxica with major valural and economic impact and sociatif communities. Several factors (e.g., fuel prices, shrinking, CMV) spill have impact the valuability of the shring fibery. Demand for valurahably produced safetod is increasing in the U.S. and gravity affects the market value of selected states of the social that by each the base of the social states of the social communities (MM) and sea burtles (S1) and efforts to avoid that by back the The shring fabery poses concerns for the conservation of MMXT due to social states (S1) and efforts to avoid that by back the forth and search in this start fabre are extracted protices (S1) and efforts to avoid that by back the forther are extracted protices (S1) and efforts to avoid that by back the forther are extracted protices (S1) and efforts to avoid that by back the forther are extracted protices (S1) and efforts to avoid that by back the forther are extracted and new measures committee to be proposed. Involver, limited observer coverage of the shring fibery positions (S1) and new measures complicates the evaluation or success of tycatch mitigation measures. These knowledge paps and declinencies impede the affective management of bycatch is declined of the shring fibery compositions (E = covery of these portectes socies) and havit of MMXT populations in the avoid protein be shring fibers and the shring fibers cover of these portectes of the Market manual Protection Act (MMAP) and Endangered Species Act (SSA) regulations pertaining to the shring fibers cover of these portection due species of the durine durine durine during of the shring fibers and and bycatch reduction meanums, lalows constants (the benefits of the site inverse of the meride that address knowledge gaps about the demographics to evaluate the of Six negree of the durine during of the shring fibers and provide new tools developed with participants and the shring fibers constand to the shring fibers and provide new	e t											
Research and Education	5836		Industry outreach and education on specially designed TEOs for the Mississippi skimmer trawl fishery	ToOA Project IDI 12011. The aim of this project is to restore sate turbe populations in the diff of Maxica, particularly, tempAErs ridings (applicable) known by Marker sati juvenies overlay with the nearborn and Indense shiring other and simmer tranel fibrieries in Mississippi. The project will also increase the health of fibrieries by providing fibring communities with methodologies and incentions to reduce impacts to fibring resources. See Suttier restorations with be achieved through enhanced outreach and training in turb excluded device (TED) technology specifically for the skimmer travel fibriery with the use a fifter dup set To requirement is 2013 NOAA Fisheries acticipates the implementation of a TED use requirement for the southeast U.S. skimmer travel fishery in 2019. Industry outreach and education on specially designed TEDs for the skimmer trave fibery will be curied in successful implementation, and a TED on of one constructed TEDs, TED handling techniques, and troubleshooting TED performance problems. Date: Aug 10, 2018	Harrison, Hancock and Jackson Counties	Yes	No	No	No	No	Yes	No	No	\$ 50,000.00		
Research and Education	5837	8/13/2018	Establishment of a TED outreach and training team for Mississippi	NOA Project IDI 13910: The aim of this project is to restore sat turtle populations in the Gulf of Maxico through enhancement of their protection in Mississippi coarsid waters where small juveniles overlap with the nearbox and inchore shring otter trave and skimmer traw fisher, The project will also increase the health of fisheries by providing fishing communities with methodologies and incentives to reduce impacts to fishery sources. Sate turtle restoration will be achieved through the establishment of a core TED outrach team to provide enhanced outrach and training in Turtle Excluder Device (TED) technology to Mississippi Atming fisher, through which TED compliance will be maintained at the highest tweel possible. A core TED outrach team consisting of a coordinator and a technical expert [TED speciality] will be established for the State of Mississippi. The maintain and technical expert [TED speciality] will be established for the State of technology to Mississippi Atming fisher. The team will work with Mississippi integration advancements in TED technology and regulatory requirements. The team will work with Mississippi integration the state davancements in the program methods for inspecting TED compliance at will are with TED compliance information is recorded accurately for inclusion in a NOA TED compliance database. The TED coordinator will receive training from and work closely with the NOA Fisheries Gard Minitoring Team (MCH) to ensure that the most up to date information is provided to fishers and marine enforcement in Mississippi. Date Aug 10, 2018	Harrison, Hancock and Jackson	Yes	No	No	No	No	Yes	No	No	\$ 656,000.00	ş -	
Research and Education	5847	8/13/2018	Reduction of Marine Manual Fishery Interactions through Demonstration and Implementation of Better Techniques and Materials for Constructin Traval Components.	IOAA Poglet. IM 13899: This orgent is designed to decrease interactions of marine mammals with commercial driving transing ears. Dolphins are occasionally experient of hydron transitions of extraded in the target interactions. The extractions have retractions on prevention in earlies of the second sec	Jackson, Harrison, Hancock	Yes	No	No	No	No	Yes	No	Νο	\$ 800,000.00	\$ -	
Research and Education	5849	8/14/2018	Quantification of nutrient and sediment loads into the Mississippi Sound and Mobile Bay to inform oyster management	NOAA Project ID# 13895: This project will be a comprehensive study of historical and current streamflow, sediment, nutrients, and other pertinent water quality data and corresponding salinity, pathogen, and HAB responses to help inform oyster management in the Missispip Sound and Mobile Bay. We intend to gather current and historical iteramflow and water quality data (circa 1380) to: (1) quantify a surface water budget for freshwater entering these struaries; (2) estimate trends in sedime and nutrient toaks from point and noronis Source; (3) gather and analyse historical salinity data compared to historical trends in feshwater streamflow and any other trends related to climate change, and (4) relate trends in nutrient or other pertinent tuder quality loads to trends in historical pathogen, HAB, and oyster morality responses. This project will leverage the existing Louisiana, Mississippi, Alabama Coastal Systems (LMACS) effort led by the Mississippi Department of Marine Resources. Date: Aug 7, 2018	Coastal counties in MS and t AL	Yes	No	No	No	No	Yes	Yes	No	\$ 1,500,000.00	\$ -	

Research and Education	5861 11/14/2016	Billow Caneer and Workforce Training	The Bloc Greer and Workforce Training (BCWT) program exolved from an economic scrutify grant funded by W. K. Kellogg. Ecoudation and avanded through East Bloci Community Collaboration. We are requesting funding the confinue the Bloc Greer and Workforce Training program which will include two sections, Spring 2019 and Fall 2019 to Bliot resident signs 18-50. Each participant runt complete a Circer Reduises course prior to advance go teleforcita and Gereral Construction. The screer resulting and the complete a Circer Reduises course prior to advance go teleforcita and Gereral Construction. The screer resulting and the screen results of Prefer Circer, Course Circuit 20 provides a weekly electrical class which is held each thrusday for Diversis. The goal of the detrical training is to advance participants to helper/Appendice level. The electrical carriculum content is presented from NCCRT Electrical. Level 1. Concil 25 provides a weekly general construction math, blappint reading, base electrical training, wring, identification consists of CSMA allery, construction math, Bidenaid construction and the dest Martural pol to weeks. The goal of the general construction training is to advance participants to helper/Appendice level. The general construction curviculum constrat is presented from NCCRT Cere Concrulum: introductory Card Stills. The general construction curviculum constrat is construction training is to advance participants to helper/Appendice level. The general construction curviculum constrat is presented from NCCRT Cere Concrulum: introductory Card Stills. The general construction curviculum constration math, blapprint reading, basic construction skills, identification of tools and materials, cost and materials cost and material estimation and classroom/in-the-field training experimence. Participants conclude the training by visiting worksittes to practice job and environmental safety.	Harrison	Yes	No	No	No	Yes	No	No	Ŷ	65	Ş	30,000.00	<i>анниа</i> н	
Research and Education		Restoration Center at the Crozby Arboretum in Picayune	Location: Picayune, Mississippil Environmental Education and Tourism: The primary objectives of this project are 1) to construct the Lower Pearl River Watersheef Environmental Education and harlow Plann Restoration Center at the Crostly Advortum in Picayune, Mississippi and, Watersheef Environmental Education and harlow Plann Restoration Center at the Crostly Advortum in Picayune, Mississippi and, The host site for the proposed Environmental Education Center is the automatily resourced and auxed seming public garden, the Costly Advortum, which is offers as 2 are canter glant Conservatory and tradity seminometal Education Center will govide management of habitat types that are key to a healthy Pearl River watershed. The Environmental Education Center will govide the Costly Advortum, which is offers as 2 are canter glant the Lower Pearl River Watershed. This new state-off-he-art, sustainably constructed (ELED) Environmental Education Center will Review Environ 100, 100, 100, 100, 100, 100, 100, 100	Pearl River	Yes	No	No	Yes	No	No	Yes	100 Y	25		9,700,000.00		
Research and Education		Restoration Center at the Crosby Arboretum in Picayune	Location Picayune, Massisopii Environmental Education and Native Plana Restoration (this project are 1) to construct the Lower Pearl River Watershed Environmental Education and Native Plana Restoration Center at the Crosby Aboreturn in Picayune, Missisopi and 2) to increase tourism and access to the Crosby Aboreturn, Inceleta dajacent to the 5-95 Missisopi Alvecime Center. The host site for the proposed Environmental Education Center is the nationally renowed and award winning public garden, the Crosby Aboreturn, which is offen as 62 acre native plant Restorated. The Link State	Pearl River	Yes	No	No	Yes	No	No	Yes	100% Y	es		9,700,000.00		
Research and Education	5876 3/4/2015	D Unmanned Aircraft Systems (LUA) for Diaster Relief and Response	Assissippi's first responders have a substantial need for real-time, prioritized and on-demand aerial imagery and other althore capabilities to support natural disasters sub. as ol signit, hurrineen, floads and time. Althorne imagery provides up-to-then- minute information to support critical decisions on the allocation of response personnel, equipment and capabilities to save lives in the immediate aftermath of a disaster situation. Unmanned Aircaff Systems (IAAS) are capable of providing high-quality, prioritized and persistent aerial imagery for sustained periods. Today's UAS technologies can provide: - Une target of uninterrupted, high-recolution imagery or communications relay capability in a single mission; - Divers of medical supplies and support to areas that are inaccessible to fitter responders; - Releff from aircrew limitations due to the ability to rotate crews over the duration of a single flight, and - Reduced operating costs per flight hour when compared to many manned aircraft.	George,H arrison,W ashington ,Orleans, Perry,Forn est,Pearl River,Jack son,St Tammany ,Stone,Ha ncock,Mo bile	Yes	72% Y	25	s :	3,250,000.00	\$ -							

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New	Research and Education	5875 4/8/2019	The Lower Pearl River Watershed Environmental Education and Native Plant Restoration Center at the Crosby Arboretum in Picayune	The Lower Rearl River Watershed Environmental Education Center and Completing the Unbulk Arboretum Location: Piczynne, Mississippi I Environmental Education and Tourism: The primary objectives of this project are 1) to construct the Lower Pearl River Watershed Environmental Education: Center at the Crosby Arboretum, Incated adjacent to the 1-30 Mississippi I downing the designs of E. Fay Lones, and 2) to increase tourism and access to the Crosby Arboretum, Incated adjacent to the 1-30 Mississippi I downing the designs of E. Fay Lones, and 2) to increase tourism and access to the Crosby Arboretum, Incated adjacent to the 1-30 Mississippi I downing the Ligarden. The host site for the proposed Environmental Education Center is the nationality renowled and analy advinning public green, management of habitat types that are key to a healthy Pearl River watershed. The Environmental Education Center will growthe and analy appaceful and outcinnout alfacutation Center will fiscation Center will experime they can also the toe police and lean about the primary native habitats and ecosystems found along the Lower Pearl River Watershed. This new state-of-the-srt, usstandly resiliency, stream health, and Experime Center will River Watershed's habitats. The Center and its exhibits will educate torison of the Denter of sustainable thabitat management and unforgettable visitor experime. Additionally, the Environmental Costal Water quality. One of the prospeed interior exhibits will be dedicated to interpreting the impact of the 2010 Depowter fortion of signal movie for a dynamic and unforgettable visitor experience. Additionally, the Environmental Education Center's training dissoroms and conference conso lincluding distance learning capabilities and train of the Crosby Arboretum, will brow Paerl Nerr. The Environmental Bourism and education alignate of the Environmental Education Center can leverage on the fact that the Crosby Arboretum is part of Missispip State University, which programs and everthe Enving Lon		Yes	No	No	Yes	No	No	Yes 100 Ye	s	\$ 9,700,000.00 \$ -	
New	Research and	5876 4/46/2010	Unmanned Aircraft	Frank Lloyd Wright (Figure 2). This pavilion draws tourists from around the world and will continue to play a key role in the Mississippi's first responders have a substantial need for real-time, prioritized and on-demand aerial imagery and other airborne	George ''	Vec	Ves	Voc	Vac	Yes	No	Yes 72 Yes		\$ 3,250,000,00 \$ -	
new	Research and Education	5876 4/16/2019	Ummanned Aircraft Systems (UAS) Relief and Response	Mississippi first responders have a substantial need for real-time, prioritized and on-demain aerial imagery and other altores capabilities to support natural disasters subt and is glink hurinoene, floods and time. Autoner imagery provides up-ot-the- minute information to support critical decisions on the allocation of response personnel, equipment and capabilities to save lives in the immediate aftermath of a disaster situation. Unmanned Aircraft Systems (UAS) are capable of providing high-quality, prioritized and persistent aerial imagery for sustained periods. Today's UAS technologies can provide: U to 12 Jobs to uniterrupted, high-resolution imagery or communications relay capability in a single mission; • On-demain prioritization and re-allocation of capabilities at the direction of the on-scene commander; • Delevery of medical supplica and support to areas that are inaccessible to fors responders; • Relief from aircrew limitations due to the ability to rotate crews over the duration of a single flight; and • Reduced operating costs per light hour when compared to many manned aircraft. The routine and normalized employment of UAS to support disaster tresponse and relief efforts provides an exponential increase.	arrison,W ashington ,Orleans, Perry,Forr est,Pearl River,Jack son,St Tammany ,Stone,Ha ncock,Mo bile		res	res	Tes	CS	NO	res 72 Ve	5	> 3,550,000,00 S -	
	Research and	5882 4/17/2019		in Mississippi's capability to restore services, limit damage to critical infrastructure, and to save lives.	Harrison	Yes	No	No	Yes	Yes	No	Yes Yes	s	\$ 1,750,000.00 \$ -	
	Education		raciiity Uperations Building	educational outreach both at the aquarium and at schools throughout the state. The facility will also enlarge our on-site animal holding and treatment capacity to care for more animals on its end provide space for maintenance holps to handle nebuilding of pumps and equipment to increase life expectancy. Small office space for the maintenance team and aquatic team will also be included. This space will provide opportunities to partner with Mississipp hiphere decustional institutions such as USM Educational Program, USM Marine Research Center, MSU Veterinary Program, MSCCC Veterinary Technician Training Program, as well as creating opportunities at the high school level. This building would go on the footprint of the Masonic Lodge Building.											
	Research and Education		Conservation Awareness Campaign (through interpretive signage and exhibits)	Development and installation of dynamic graphics throughout Mickisspip Aquarum's campus that will highlight critical content that supports the conservation of Mississpip's most precious water systems. Utilizing a variety of media including digital monitors, informational signage, interactive displays, and live interpreters, the aquarium will provide these world class visuals to teach guests about a variety of species in our waterways, bayous, and the Gulf to better understand why the knowledge they are gaining isso important.		Yes	No	No	No	No	No	Yes	s	\$ 1,000,000.00 \$ -	
	Research and Education		Marine Science Digital Command Center	Construct an exhibit linking the USM Gulf Coast Research Laboratory and Its fleet of vessels with visitors to the Aquarium through live and pre-produced vide on interactivity by heighting USM's research projects and scientists. Pre-produced programming would run on the screens at the Mississippi Aquarium on a regular basis including (1) Stories about scientists and how they became engaged in studying the Gulf, (2) facture research on aquacture, marine ecology and docenorphyri, (3) highlights of the USM Gulf Coast Research Laboratory and related marine conservation and research resources in the region. Interpretive agnitics, and large screen data sets and magos would provide context for understanding the role of specific research projects and needs in relation to challenges and opportunities in the Gulf of Mexico.		Yes	No	No	Yes	No	No	Yes Yes	S	\$ 150,000.00 \$ -	-
	Research and Education			The MMU will provide a handson education for both children and families aikle throughout the State. Teachers and educators from grades k to 2 will have the ability to use the MMU at the the schools and present a variety of feason. These lessons can range from basic biology and anatomy, to animal care and building aquatic system all while threading in a message of ostal conservation and preservation. As the MMU moves throughout the community, new relationships will be made in supporting the aquaniums coastal conservation messaging to promote the health and well being of the community. The MMU while connect educators through buscicitation with the aquanium and will create a network of people passionate about the conservation and sustainability in the State of Mississippi. Units request remains the build out of the MMU (a) 11 R. Narteam Trailer that will be modified to look like a submarine), the whick to pull the MMU, and staffing of the MMU for the 4 years of operation.		Yes	No	No	Yes	No	No	Yes Ye	S	5 450,000.00 S -	
New	Research and Education	5887 5/20/2019	Inside Explorer Technological Programs	The inside szplore software utilized in educational programs will generate public awareness about the internal systems of native animals. Teaching our community about the different functions of living things gives the community a unique perspective on what they need to survive. Just like humans, living things have internal systems such as skeletad, muscular, circulatory and more. Knowing these intimate details provides a better understanding on what we can and should do to support a healthy environment and a sustainable Guif.	Harrison	Yes	No	No	Yes	No	No	Yes Ye	s	\$ 270,000.00 \$ -	

New Research and Education	3/3/2020 Improvement of Rehabilitation Facilities for Mammal in Microsoft Discussion Galif of Mexico Region (MS, AL, LA)	aMMS has been involved in the rescue, rehabilitation, and release of marine mammals and as a turtle since 1954, and IMMS staf along with verterimanis from MXSU's College of Verterinary Medicine have the necessary experimenc, facilities, and capabilities to conduct rescues and rehabilitation activities within this region as well as coordinating with both State and rederal agencies. Following the Deepwater Horizon (DWH) Cill Spill in 2010, IMMS built a turtle enhabilitation center to house sick and injured sea turtles and manine ammals. This structure was originally inforder from the New Figure Amarine Amarine Amarine Amarine Amarine Amarine Amarine Amarine Amarine Coll State and Federal alone. Since 2010, IMMS has responded to over 1.000 live sea turtle strandings, and has assisted in the rehabilitation of a large mather of cold structures was originally blogor from the New Figlind Aquarium. Amary of the turtles admitted to the facility do not fully recover during the warm summer monits, resulting in the use of the rehabilitation fact that over in a year-mode basilitation fact the sea turtle strandings, and has assisted in the rehabilitation fact to the facility do not fully recover during the warm summer monits, resulting in the use of the rehabilitation fact that over in a year-mode basilitation fact the sea turtle constraints on naming and are reported better conditions centerin, MMS will and duit sea hurtles that require a long-term chabilitation fact the relevant able to differ support to other stranding facilities and provide optimal high level rehabilitation and regional level by being able to differ support to other stranding facilities and provide optimal high level rehabilitation carbing with sea structures and a start test stranding in exaster tousiasian. The work of the MS: stranding react and be greated prehabilitation transform annual and a start test stranding in exaster tousiasian. The work of the MS: stranding react and be greated prehabilitation tare bus to test and the start in stranding in ex	Harrison I	Yes	No	No	No	No I	io Yes		75 Yes	3	\$ 4,950,000.00		
New Research and Education	5903 4/30/2020 ISC sustainability and Restoration initiative	The project will expand upon projects from 2015 MRDA funding received by INTINITY Science Center that would introduce the importance of substantibility and reveales leverings and the spects of restoration and future protection of wetland ecosystems. Electricity that is non-solar requires the use of fossil fuels and the expansive use of fossil fuels careted the demand that led to the Bd statesr. Reducing the use of fossil fuels in detection of wetland solar barels with battery electricity thereby reducing the overall risk of further disasters. This project includes the addition of solar panels with battery backup of INTINITY Science Center with an electrobian component risk de the backing to increase possible learning and awareness about the importance of sustainability and renewable energy in ongoing wetfand protection. The project will abo ensure that our electric trans, puchased through INTINITY infail NRDA award, are also also powered latter than powered by electricity that is from non-renewable flossil fuel sources. The project aligns with NRDA and Restore Funding purpose and guidelines. INTINITY plans to lead by example along the use of possile fload of the discuspit for lattery that is from non-renewable floads with WHDA and heatone funding burghese and guidelines. INTINITY bains to lead by exempted sources the project aligns with NRDA and Restore Funding purpose and guidelines. INTINITY bains to lead by exempted sources that would be implementation of non-funding hybrid withe along estibution Line. Drasing transfers with locar heatons and our sign will not more transfers with locar the interviewable energy. The program aligns with the main strategic galas of INTINITY Science Center for financial sustainability to ensure continued programming and to lead in environmental education and stewardship of our wetlands.	Hancock	Yes	No	No	Yes	No I	io Yes	•	50 Yes	1	\$ 2,000,000.00	ş -	
New Research and Education	5906 4/30/2000 A comprehensive marine debris intervention strategy to help restore sea turties in the Gulf of Mexico	NOA Project ID#1251: Overarching Goals Related to Nexus to Injury Contribute to the recovery of sea turtle populations signed by the ID# of liaster by addressing the anthropgenetic threat of marine debris and derelic finking gear. This threat would be ameliorated through the removal, reduction and prevention of marine debris and peticit finking gear. This threat would be ameliorated through the removal, reduction and prevention of marine debris and peticit finking gear. This threat mode the meliorated through the removal, reduction and prevention of marine debris and poticitivity and buenering the risk of hatching, sub-aduat and adule entragment or entanglement in derelict fishing gear. Additional goals are: 1) to build capacity and understanding within the recreational and commercial fishing gears, and 21 to engage and educate members of the comsumer packaging and product industry to sopart and advinee uppretune, private section functional goals are: 1) to build capacity and understanding within the recreational and commercial fishing gears, and 21 to engage and educate members of the comsumer packaging and product industry to sopart and advinee uppretune, private section intervention strategies or policies to reduce macroplastic inputs to the Guil of Mexico. The project would be developed and implemented to maximize benefits for injured papopase a comprehensive marine develops in the source is finameous throughout the site site and the source and financies of the conservation upprojoses a comprehensive marine develops in therewise to strategic high citotics and finding gear. Project in each of the source is finameous and finding for (and feeto-calor of the source allocate resultants). This work is sentered on four specific dipetries, and shared by a sub- alocate fort where conservation induced is a sub-strate to the source of antemotic site and framework of the source of antemotic by a allocate resultants. This work is informed by the greatest benefit. This body of work buils on key relationship		Yes	No	No	No	No t	io No		No	1	\$ 5,500,000.00	Ş -	
New Research and Education	5907 5/2/2020 Review Hwmhul and Lethal impacts to Dophone from illegal Feeding Activities	IOAA Poject DP 14255: It has been well documented for more than 30 years that Tiggally feeding weld dolphins can hed to a weitry of high risk statulasts that place both dolphins are loogele in danger (cuminghum-simit et al. 2006; NMF) 1934; Onam et al. 2002; Samuels & Beijer, 2004). When dolphins leem to associate people with food, unnatural behaviors such as beging the handous discurpt their natural foraging patterns and become an abnormal and risky feeding strategy (NMF) 1934; Powell & Wells, 2011; Fed dolphins approach boats more readily looking for handoust, thus increasing the animals' risk for boat strate or gare entanglement (Bichel et al. 2, 2007; Powell & Wells, 2011; Samuels & Belger 2004; Wells & 2001; Suppr Ted dolphins also become targets for human acts of retailation, including fahers who become frustrated by dolphins begging removing bait or catch from their lass, or exenerging on undersized throwaks. Begging behaviors can be passed through a dolphin population via social learning, thus perpetuating and increasing the prevalence of the problem over time (Donophine et al., 2002; Wells, 2003; Whithead et al., 2004; Lasse's dorphin observations are baits comoread risk for compromised developmental and social learning skills, prediation, and instifficient huming experience due to neglect while mothers are seeing handous from humans (Foroughinghi & Hum, 2013; Lassev of provisione Charles and of this project is to reduce tethal impacts to dolphins from lingal feeding activities isomon to occur in Gulf state wetres the reflectively changing human behaviors through a dolphin heading in the huming experience due to neglect while mothers are seeing handous from double human (broughinghing human behaviors). Therefore, the gal of this project is to reduce tethal impacts to dolphins from lingal feeding activities isomon to occur in Gulf state wetres the charles and through a dolbhing human behaviors through a dolbhing and through a dolbhing and thow the social state wetres (Bulf there) the nat	r 13	Yes	Νο	No	No	No I	io No		No	2	5 1,500,000.00	\$ -	

New	Research and Education	5911	An incentive based project	NOAP Project IDIL4311 The Guilf Coast has clearly been identified as incredibly important for shorebirds and seabirds with threats of habitat destruction from coastal atoms, sea level rise, and human factors continuing to impact their populations. Iteman populations and tourism activations continue to grow doing the Guil Coast limiting habitat analysishilly for inherbirds and waterbirds. Much attention has been placed on increasing nesting opportunities for many species breding species through habitat restoration and stowardship mitatives. However, ites emphasis has been placed on the writering and migratom periods of the storage and stowardship mitatives. However, ites emphasis has been placed on the writering and migratom provide and stowardship mitatives. However, ites emphasis has been placed on the writering and migratom and program them for migration. Cary-over effects that sub-optimal habitat in writering areas and migration to approve can be address donservation. Public and private horizon a transfer yappreses or when northern takes are also dominished (e.g. Delwave Bay). This project aims to increase the number of year-round refugia (protected areas) in the Guil Coast region those areas comes at some costs to the landowners. Funding is needed to incentive the closure of small portions of beach to destruct the closure. The small marks be elimited are modeled after from E bost County Park. Pinells County, Fu where the park has est aidea alsoshorebird Habitat Area&Cuiker er is no entry. With a mere 300 meters of beach closed, instage that proceed for nearly 12 monts out of the year as one example of the success of this attemate the build also and fast and spits are covered during high tides. This is one of the only places in the immediate region that red. Nucl those, These are unstastenty recorded for nearly 12 monts out of the year as one example of the success of this strategy. This & Adminese religigated for incentys 12 monts out of the year as one example of the success of the strates w		Yes	No	No	No	No N	o No	No	\$	500,000.00 \$	5 -	
New	Research and Education	5913	as a Platform for Demonstrating Effective Restoration Practices	NDA Project IDI1330 The continued lack of productivity from oyster refs in the northern Guif of Mexico remains a critical ecological and economic issue for the region. Geographic provinity and inter-connectivity of the Mexisoppi. Louisian and Alabama coastal systems &f in addition to the commonality of issues with oyster populations those areas &f support the concept of a multi-state collaboration on this innovative regional project. We propore the estabilization of leases in Mississippi. Louisian and Alabama coastal vaters for the crastion of refs to provide science-based guidance for successful restrotation of progents. The crastical ecological and ecological and ecological ecological and ecological	Harrison	Yes	No	No	No	No N	9 No	No		\$	ŝ -	
New	Research and Education	5918	5/2/2020 Reducing sea turb by each at schore-based recreationa fishing sites	NOAP Project ID#12581: This project idea focuses on addressing bycatch of sea turtles at shore-based locations that concentrate recreational filling lifting sites], such as fishing piers, holdings, and other shoreme structures, and would restore for injuned sea turtles by reducing this bycatch. The goal of the project would be to identify factors (e.g., bait type, hook type, discried bait in the area, pier lighting sites], such as fishing piers, holding time, etc], contributing to the indextine acquirue of sea turtles at fishing sites, and to the shore the variable site threads fishing sites, shore the COM and characterite the sites relative to variable that metites at fishing sites in do then implement voluntary programs to reduce captures from occurring. This could be accomplished through the following: 1) sites through angle surveys, the collection of standardized information from incidentality captured unders at fishing sites through angle surveys, the collection of standardized information from incidentality captured unders reported to the STSSM, and assessment of gear recovered, to better understand co-factors influencing sea turtle bycatch. 3] Develop and implement acomplexith at fishing lifer to the recorational fishing community to promote reporting of incidental captures to trained responders to reduce injury to bycaught sea turtles, and 4) Develop, test, and implement joint proves through implementation do voluntary fishing practices, this could involve voluntary measures such as bait type, hook type, or other identified co-factors. The project is envisioned as a 5-year project, but it could variations to implementation based on an individual state's needs. Some of this work has been initiated by NOAA and/or by the STSSM and and the project would be designed to build no existing howedge and efforts. NOAA and the Guif states could pinity implement this project. Project Entered: May 22,2017. Edited Oct 25, 2019		Yes	No	No	No	No N	o No	No	\$	1,000,000.00 \$; -	
New	Reserch and Education	5923	5/2/2020 Identifying sea turtle interaction hospsots in the Guil of Mexico shrimp failtery using passive acoustics	NOA Project IDFL233 In the southeastern LLS shring fishery, Turtle Reulater Devices (TED) have been shown to be 97% effective at excluding turtles. However, the effectiveses of TEDs kigsly dependent on fisher compliance with proge- installation and operational maintenance of the devices. To ensure proper TED compliance, NOAD) developed a Gear Monitoring Team (MGT) operam, which operates in the QUI States out of the NMF Specagoula Lab. THe GMT works with the fishing inductivy to improve their knowledge and understanding of how to effectively build, use, and maintain TEDs. This is a exident detected by onboard obsences because most and at sare TED inspections. The GMT and ownski, doiley with the Observer Program to identify specific areas of byzach concern within the GuI. However, turtles interactions with the Deserver Program to identify specific areas of byzach concern within the GuI. However, turtles interactions with the TED are exident detected by onboard obsences because most are expleied from the most hor the ray to volke out of the TED escape opening (alive or dead) during hau-back. Therefore, the GMT is often times forced to be reactive and focus oureach efforts to areas where stranding events efforts in <i>Bachming Balery</i> could greatly benefit from a better understanding of the spatial and temporal distribution of sea turtle interactions. This would allow the GMT to be practive and strates. TOAA researcher State in Pascagoula Missistigp, the discovered that ear turtles, due to the hard helis, make a district. NOAA researchers basic in Pascagoula Missistigp, thoe discovered that ear turtles, due to the interactions are likely to occur. Notspot identification could alco be used to inform the STSS and predict areas of increased during commercial trawing operations in conjunction with the man datory observer program and enhance analytical agacity the program. The acoustic recording with be used acoustic recorders (Decan Instrumenistical agacity whith the program. The source thereforming with		Yes	Νο	No	No	No N	o No	No	S	3,200,000.00	ş -	

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Research and	592	7 5/2/202	0 Modeling bird populations	NOAA Project ID#14265 Robust assessments of bird population trends and their drivers are essential to inform selection of Yes	No	No	0 N	lo No	No	No	No	\$ 1,500,000.00	\$ -	
Education			across the Gulf of Mexico to inform restoration	priority species and habitats for conservation and restoration. Resource managers need to know which species are declining as										
			planning	well as which habitats and regions are resilient to future change in order to make informed decisions that protect birds, their habitats, and their communities. Furthermore, this information must be shared with resource managers in an accessible format										
			planning	that enables them to make efficient and timely management and conservation decisions. Therefore, we propose to model and										
				project the effects of climate and land cover change on the sustainability and resiliency of bird communities across the Gulf of										
				Mexico. Traditional analytical methods utilize data from single surveys, none of which have sufficient spatial and temporal										
				coverage for robust modeling. We will resolve this issue and provide the accurate, high-resolution models needed to inform										
				Gulf conservation by implementing a recently-developed integrated modeling technique. To maximize inference from across a										
				wide range of research and monitoring projects, we will develop Bayesian integrated hierarchical models that can effectively										
				combine data across multiple structured and semi-structured protocols. We will use these methods to produce robust										
				estimates of population trends and distributions for multiple landbird, shorebird, and marsh bird species, while accounting for										
				uncertainty. By incorporating powerful forecasting of land cover change across the Gulf we will be capable of describing how										
				current bird distributions and trends will change in the future. Species-specific maps of current and future distributions will be										
				created from this effort and provided to resource managers. These distribution/abundance models will incorporate a suite of										
				remotely-sensed land cover and climate predictors variables used in recent Gulf-wide habitat modeling efforts (Lankford et al.										
				2018) to model environm ental relationships. These may include proportional cover of estuarine and palustrine wetland,										
				shoreline, agriculture, grassland, shrubland, and developed habitats; landscape metrics such as patch size or connectivity of land										
				cover types; length of sandy beach; annual spatially-interpolated climate variables; elevation; and distance to coast or other important habitats or features. The precise suite of environmental predictors will be selected on a species-specific basis based										
				on ecology and life-history characteristics to ensure biologically-relevant predictors will be selected on a species-specific basis based										
				performance. The projected distribution maps will be produced at a high spatial resolution for multiple time periods spanning										
				the 1960s through the 2050s. These projected distribution maps should be particularly useful to resource managers, including										
				for identifying: 1) future priority areas to conserve or restore, 2) areas that can serve as corridors connecting current and future										
				bird habitat, 3) areas where management efforts can be conducted that will help transition the land cover from its current form										
				(e.g., agricultural field) to a habitat type that will support birds in the future (e.g., a wetland), and 4) strongholds that are										
				important today and will continue to be important in the future, and conserving or restoring those areas as needed. Our primary										
Research and	592	8 5/2/202	0 Developing a Gulf-wide	NDAA Project ID# 14264 Across the Gulf of Mexico, bird communities and the habitats that support them are threatened by Yes	No	No	0 N	lo No	No	No	No	\$ 1,200,000.00	s -	
Education	332	J/ 1/ 101	bird population database	many concurrent and synergistic threats including huma development, disturbances such as oil spills, and climate change. A				~ <mark></mark>	110			\$ 1,200,000.00	~	
			to inform restoration	central challenge to developing the understanding of bird status and distributions needed to inform effective restoration										
			planning	planning has been the lack of a central database to house and share regionwide survey data. Extensive bird occurrence and										
				abundance data have been collected across the Gulf of Mexico prior to and following the Deepwater Horizon oil spill. These										
				data include observations from multi-decadal monitoring programs that provide a historical context for current bird distribution										
				and abundance. Yet currently data are scattered across many proprietary databases, if they exist in a database at all, stored in a										
		1	1	multitude of data structures and formats. This prevents the integration, or even awareness, of data needed to achieve									1	
		1	1	restoration planning goals. Therefore, we will compile available avian count and occurrence datasets in a central relational data									1	
			1	warehouse to facilitate subsequent analyses and make these data available to land managers and restoration planners.									1	
		1	1	Extensive semi-structured community science data (i.e., data collected by volunteers) are available for Gulf of Mexico bird									1	
		1	1	species through monitoring programs and databases including eBird, National Audubon Society's Christmas Bird Count, U.S.									1	
				Geological Survey's Breeding Bird Survey, and state-level colonial waterbird surveys. By comparison, structured data rely on										
				more intensive sampling and standardized protocols that provide the additional information necessary to account for imperfect detection and produce accurate abundance estimates. Multiple structured datasets also exist for suites of birds across the Gulf										
				of Mexico, including the Gulf of Mexico Marsh Bird Atlas and Audubon Coastal Bird Survey. Moreover, many other individuals										
				and entities possess Gulf of Mexico bir d occurrence and abundance data, including Natural Resource Damage Assessment oiled										
				bird surveys; targeted surveys that focus on a single species, guild, or site such as National Audubon Society Least Tern and										
				bito surveys, raigeted surveys that roots on a single species, goint, or site soft as reactions Audubur doubley Least in and Piping Pip										
				for species included in this proposal. We will expand this collection by working with resource managers and the Gulf of Mexico										
				Avian Monitoring Network (GoMAMN) to coordinate discovery and access of additional public and private datasets. To transfer										
				project findings to resource managers, compiled data will be migrated to a central warehouse and integrated with tools that give										
				conservation and resource managers easy access to a wide variety of data updated regularly. We propose to leverage and										
				expand the work of the Avian Knowledge Network to build the technical infrastructure to easily and rapidly describe datasets,										
				integrate the bird data into a data catalog using newly developed ingestion and translation tools, and develop new data										
				exploration tools. The proposed data management developments will house counts as well as associated sampling details and										
Research and	593	0 5/2/202	0 Coordinated Monitoring of	exploration tools. The proposed data management developments will house counts as well as associated sampling details and metadata (e.g., date, time of day, and weather). A publicly accessible interface will enable users to create customizable queries,	i No	No	0 N	10 No	No	No	No	\$ 18,700,000.00	s -	
Research and Education	593	0 5/2/202	Birds for Restoration and	exploration tools. The proposed data management developments will house counts as well as associated sampling details and metadata (e.g. data, time of day, and weather). A publicly accessible interface and lenable users to crace accessible and explose NOAA Project IDB 14256 Brits are a conspisuous and remarkable natural resource of the GuI of Mexico with hundreds of species and billions of individual supported at some point druing their annual flexicycle by barrier individual, beacher, marker,	i No	No.	o N	10 No	No	No	No	\$ 18,700,000.00	\$ -	
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	593	0 5/2/202	Birds for Restoration and	exploration tools. The proposed data management developments will house counts as well as associated sampling details and metadata (e.g. dats, time of day, and weather). A publicly accessible interface and lenable users to crace customizable queries, INDA Project IDB 14256 Brits are a conspicuous and remarkable natural resource of the GuI of Mexico with hundreds of species and billions of individual supported at some point druing their annual flexicycle by pairre inlands, beacher, markers, and costatal forests across the egolor, the Desystem for those (WMI) oil gall affected 39 species and potentiarly over 100,000	i No	No	o N	lo No	No	No	No	\$ 18,700,000.00	\$ -	
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New	Reservch and S Education S	5946 11/25/202	00 Guf Coast CSET Tech Fusion - Advanced Technology Training for the 21st Century	In the new Millenia, the evolution of digital technologies has radically changed the way we live and work. This revolution has larsing and the evolution of digital technologies has radically changed the way we live and work. This revolution has larsing Guil Coast faces a severe lack of well-trained IT workers. Guil Coast Tech Fusion will focus on developing an IT workforce for cocomic expansion, innovation, and societal growth. Tech Fusion will bring together at Guid Societ Moreave, the Dississipping Guil Coast faces a severe lack of well-trained IT workers. Guil Coast Tech Fusion will provide the routing of the Automation of regional business technology solutions. and industry. Guil Coast Tech Fusion will provide to students requisite training in emerging technologies (e.g., Cybersecurity, Coding, Artificial Intelligence (A), Virtual Reality (VRI) Augemented Reality (AR), and Simulation/Game Design) that could make the Guil Coast region an international lader in the high-tech sector. This program would provide momentum to accelerate a trained or exceeding technologies, and the Guil Coast region an internatione for business and industry. Workforce and opportunities for business and industry to upskill incumbent workers. For example, MGCCC is partnering with EON Reality to continue in spite of any external factors that way come requiring remote worker and/or social advanced a ladie training to continue in spite of any external factors that may come requiring remote worker and/or social advanced, Guil Coast Tech Fusion will be housed in the Center for Security and Emerging Technology (SEET) Set' further leveraging a BP Restore project (i.e., CSET). The CSET building received partial funding in an earlier round of <i>PR</i> hestore projects, to this professional during the used on the Middox and the Middox social straining functore project for local business and industry. The region must live the target middox for the function in T. In some areas, the training necession project (i.e., CSET). The cost f	Yes	No	Yes	vo 1	res N	р No	Ye.	ŝ	5 7,000,000.00 P		
New	Research and 5 Education	5949 11/30/202	0 Impacts of changes in freshwater flow and salinity on sea turtle distribution and ecology in Mississippi Sound	The aim of this project is to restore sea turtle populations in the Gulf of Mexico through satellite tracking of sea turtles to inform Jackson, H	Yes	No	No	No P	No N) No	No	ŝ	\$ 1,271,000.00 \$	ŝ -	
New	Reserch and 5 Education 5	12/8/202	O Mississippi West Indian Manatee Heath Assessments and Research	NOAP Project ID# 4538: Objectives: This project is a solution based program developed to answer critical questions and Harrison Provide Informed tab about the population, health and future of manates in Mississipui. Work in close collaboration is developed to account of antidusta, provide Informed Mississipui. Work in close collaboration is developed to the population of individuals provide information and is the field by, and functional movement. Activities to be completed: Assist the Manatee Sighting Network start at MSAQ and collaborate on annual MS health assessments. Expected outcomes: Years 2023-2025. Support MS manatee research and conduct annual health assessments. Expected outcomes: Years 2023-2025. Support MS manatee research and conduct annual health assessments informed management. West India manatee sighting Network has of occupany, and the food whice the largest is missing provide horts and of the increase in manates sighting resonal areas of accouncy along the northwise is missing the second second second second second second feature for Missing PL and the norther GOM is to compare sign and second developed on manates sighting resonal developed on manates is missing the second second second second developed on manates sighting resonal developed on manates sighting resonal developed on manates is missing the close of the norther GOM is to manates and spatio-temporate patters of manatese us in the ecological importance	Yes	Νο	No	NO 7	No N) NG	No	4	\$ 1,000,000.00	ş -	
New	Reserch and 5 Education 5	5972 12/8/202	0 Long-term bottlenose dophin monitoring, research and health for conservation management in Mississippi	IOAA Project DB 1557: Objective: Establish a long-term solution based program to snower critical questions and provide shormed data about the population, health and future of bottlenose dolphins in the Mississippi Soud. Activities to be completed: Conduct annual dolphin health assessments, an essential conservation management tool for free ranging dolphins. However, before annual health assessments can be conducted, it is necessary to obtain consistent baseline data using mark-resputive via photo-cellification to analyze moment patterns, size and structure of populations, survival rates, abundance and birt/Necundity rates and determination of site fidelity. Using consistent basel photo ID surveys with robust statistical analysis, population and tock assessments can be accentance. Mark-resputive, bahavioral observations, acoustical recording during bata based surveys, and genetic testing of situ biopsy samples will provide answers to the unknown site fieldity of NSS dolphins. One satisfactory baseline data on population and site fieldity is collected, plan annual capture and release bottless of situ biopsis: "Par 2022-2025. Year-round boats based dolphin photo ID, acoustical recordings, collection, processing and genetic testing of situ biopsis: "Par 2022-2025. Year-round boats dolphin photo ID, acoustical recordings, collection, processing and genetic testing of situ biopsis: "Par 2022-2025. Year-round boats dolphin photo ID, acoustical recordings, collection, processing and endots testing of situ biopsis: "Par 2022-2025. Without thaving baseline population data, it is impossible to understand the potential stock fifters from mark-marker on ratural diastaters which could lead to the depletion or estication of georgraphically distinct dolphin specific to the MS New had 2 unsum norability events (UMI) declared over the past 10 pars (2016) freshwater intrusion, 2016-2016. III spalit baseline site being included in 10 Gulf wide UME's from 1992 & "fresent (NOAA), In MS, data is lacking with protected	Yes	No	No	vo 7	No N) No	Ho Ho	ŝ	\$ 3,000,000.00 3	ş ·	

tw Research and Education	5973 12/8/2020	Barrier Island Shoreline Monitoring Using sUAS for Sea Turtle Standing and Nesting	NOAA Project IDI 14536: Objective:: Utilize small unmanned aerial systems (sUAS) and sighting surveys to provide standardized montoring, identify strandings, nexting frequency and site fidelity over the barrier islands of Mississipp. Increased monitoring, incorrect profiles and outper strandings of the system of the barrier islands of Mississipp. Increased monitoring, incorrect profiles and used in the second system of the system	I	Yes	No	No	No	No No	, No	No	\$ 2,000,000,00	\$ -	
Pesarch and Education	5974 12/8/2020	Restoring San Turkies Die Bie und Reyond: Establihmer Mississippi rescue, rehabilitation, and education (RRE conductor, and education (RRE conductor, and the Mississippi Aquarium (MSAQ)	EX0A. Project DII 14335 MAAQ will be Misissippis' first and only Association of Zoos and Aquaniumi, I/QAI accretited facility, our poil to build and open state-of-the-arises turit resure, rehabilitation and education (RRI) client's that serves as an epicenter of local sea turite rescue and rehabilitation. The RRE will be a combined use resource that reaches 350,000 puests munally. Establishing the RRE center on MSAGY and cancers will allow guests to surface and estate inflavore and estate on MSAGY and cancers will allow guests turites are relabilitated, community focused events will be established to estage the public in entroductions of sear turites to the guile class durite sear estate inflavore and estate inflavore and rescue operation with dedicated and expert saff to care for stranded seat turites - Space to rehabilitate a minimum of 30 turites increase capacity to receive and rehabilitate inflavore and rescue operation with dedicated and expert saff to care for stranded seat automovide - Space to rehabilitate target stranding vents), or mas stranding events in engreys carectarias (lewionemical distate, unusual and traitity unsettigations and provide any detection and response to anthropagenic threats and engreys events in Mississippi - Stabilitate durites to make turites that guest provides additional apportunities for equation mostly vents, stored, starget rehabilitate stranding events and provide any detection and response to anthropagenic threats and engreys events in Mississippi turities with turities that accurred due to the Deep-Water Horizon oil spill for local stranding response and allow for mortality investigations, addressing restranding entrols with expressing restranding entrols with the complexing and threads and explores automatiles developed entrols with the classing in the stranding engines and trandities developed ender	Harrison,, Jackson, Hancock	Yes	No	Νο	No	No Ne	· Yes	No	\$ 4,000,000.00	****	
w Research and Education	5985 6/4/2021	Enhance compensition of bottenose dolphins in Mississippi state waters by stengthening capacity for science-based marine mannal health and management	The Mississippi Sourd (MSS) is home to the nation's largest bay, sound, and estuarine (BSR) population of common bottlinoes dophins (truspice) trunctus). The MSS serves as an unrery ground for newborn dophin curves in the spring and summer months and provides vital forging habitation of dophins year-round. As top predator, dophins are an important sentinel pacels for the exposition. If addition, the fertile water of the MSS also support a large recreational and commercial fishing industry and an oyster industry. The MSS is heavily impacted by freshwater inputs from large watersheets such as the Mississippi breev. Pearl Nerve, and Pusacipual Barver, In particular, the 2003 openings of the tome CarrelSpillwing industry and an oyster industry. The MSS is heavily impacted by freshwater inputs from large watersheets such as the Mississippi fourth of freshwater from the Mississippi River into the Mississippi Sound, which is not normally exposed or connected to this industry into this very adoption mortalities increaded by more than three times over the yeary average from 2014- 2018. Other large ecological disaters such as the Deepwater Horizon (DWH) oil spill, hurricanes, and algab blooms also affect the GuI of Meako, and it requires science-based decision making and interventions from experienced and qualified experts to discuss the intervention of the common divide science. The Mississippi State Univering College of Veterinary Medicine (MSL-DNI) and the institute for Marine Mammal Studies (IMMS) have developed a comprehensive, ceince-based planuth, the olivone optic-trivic collophins harding classifies and mortalities. JBR-torem the threats to dolphin healths, including human interactions, in the MSS that result in strandings and mortalities. JBR-torem based planutance and distribution of the dolphins population in the MSS. Suita like apprint College decisions based planutance and distribution of the Mosil population in the MSS. Suitemast the adjuscient for 4.212 studention of the MSS bias result in		Yes	No	No	No	No ¥e	s No	No	\$	ş -	

	eserch and lucation	5986	6/17/202	Enhance conservation of sea turlles in Mississippi state waters by strengthening capacity for science-based animal health and management	The Mississippi Sound (MSS) is home to the most critically endangered sea turtle in the world, the Kemp's ridley (Lippidochelys kempi), along with other endangered or threatened sea turtle species such as the loggerhead (Caretta caretta) and the green sea turtle (Delondom MgA). Juvenile temp's ridleys car turtle species such as the loggerhead (Caretta caretta) and the green sea turtle (Delondom MgA). Juvenile temp's ridleys car turtle sufficies such as the loggerhead (Caretta caretta) and the green abundant in the MSS. The green sea turtle, omnivorous at the juvenile stage, forages on sea grass beds and fish pray in this abundant in the MSS. The green sea turtle, omnivorous at the juvenile stage, forages on sea grass beds and fish pray in this match the fertile waters of the MSS support a large recreational and commercial fishing industry as well as an oyster industry. The MSS is heavily bioms. Therefore, effective management of turtle health in the MSS is critical for the viability of these important species in the GuI of Mexico, and it requires science-based decision making and interventions from experienced and qualified experts in the GuI of Mexico, and it requires science-based decision making and interventions from experienced and qualified experts in the GuI of Mexico, and it requires science-based decision making and interventions from experienced and qualified experts in the GuI of Mexico, and it requires science-based decision making and interventions from experienced and qualified experts in the GuI of Mexico, and it requires science-based decision making and interventions from experienced and qualified experts in the GuI of Mexico, and it requires science-based decision making and interventions from experienced and qualified experts in the Suita Special based to the conomically viab MSS. To manage this viab species effectively and sustainably in the MSS over the next ten exat, MSU-CVM and IMMS have developed a comprehensive plan with the following objectives: 318 module turties on t	Harrison	Yes	No	No	No	No	Yes	No		No		ş -	\$ -		
					PROJECT ALREADY FUNDED / TO BE FUNDED / OR VETTED THRO		AST SE	IFCTIO	NS (G		115)									
			PROPOSAL				FORCE DEVELOPMENT	NOITABOT				SEARCH AND EDUCATION	AFOOD	AALL BUSINESS	MRISM	ст_отнек	STIMATED_COST	UNDING_AVAILABLE	DMMENTS	
Wi	search and	2188		(<3m) water portion of Mississippi Sound aided though the use of	DESCRIPTION CITCIEI to all flow of the proposals that will be submitted by Mississippi to RESTORE is the need to know the water depth (bathymetry) and subsurface composition in Mississippi Sound (e.g., mud, sand, hard substrate). More than half of Mississippi Sound is can deep, restricting nayalisen to small, low dark vessels and severely limiting the swall with of multi-beam souns that are hybrially used to map the seafloor. Even shallower are the many lists that harbor elergisss, submerged aquatic plants, that are hybrially used to map the seafloor. Even shallower are the many lists that harbor elergisss, submerged aquatic plants, technology Is limited when waters are not clear, is expensive to conduct, and does not provide a context for subsurface type and structures. The relationation of the seafloor relief and to discern substrate structure and type. To compete such technology Is limited when waters are not clear, is expensive mapping program for these shallow water areas with the resolution necessary to track temporal changes in seafloor relief and to discern substrate structure and type. To compete such to discore to use a file for dianomous instrumented (e.g., gliostor Whiley) with a multi-beam system and a sub- torm charge sound is the advected to a manned boat (e.g., Boator Whiley) with a multi-beam system and a sub- torm charge sound. This automation ensity (e.g., Malacet et al., 2009) Aftis bakes. The substrate structure and the file scale (e.g., Boator Whiley) with a multi-beam system and a sub- torm charge sound. This automation ensity (e.g., Malacet et al., 2004) Aftis bakes. The substrate structure and type. To compete such and this robot structures offer many advances or a single system, including redundancy, coverage and flexibility. One of the key technical considerations is coordinating individual units. We have designed and flabricated anew low-cost autonomous surface are monitored by humans. Humans can intervene to adjust sound passing leased and flabricated anew low-cost autonomous surfac	NTY Jackson,H		Yes	Yes Yes	Yes	Yes	Yes	Yes Yes		Yes	90 10	5 650,000.00 5 165,094.00		8 Equipmen	development and purchase
	isearch and lucation	1260	10/1/2014	Natural Resource Enterprises - Restoring Coastal Habitats and Economies along the Mississippi Gulf Coast	Conduct series of 6 educational workshops training coastal landowners, sports fishing guides, commercial fishers, resource agency and economic development profesionalis, and community leaders along the MS Guil Coast in natural resource enterprise development and associated land & water conservation practices. We will partner with agency and organizational partners, including but not limited to MS Department of forwinomental Quality. No Bepartment of Marine Resources, Guil Coast Research Laboratory, MSU Coastal Extension Service, Audubo Society, and local boards of supervisors and city officiato to this their taining events. We will partner escursions drawing outdoor enhusiasts to the Mississippi Guil Coast. Through development of these new businesses and associated conservation, we will improve the environmental health of coastal lands, wetlands, watersheds, estuarles, and the Mississippi Sound on the MS Guil Coast.	Hancock, Harrison, Jackson	res	No	Yes	Yes	Yes	fes	fes		Yes		\$ 165,094.00	\$ -		
	isearch and lucation	2064	11/9/2011	Restoration initiatives at the INFINITY Science Center	The INFIRIT Science Center provides a unique opportunity to monitor the impacts of the oil spill and educate the public about coatal wetlands and the state of recovery. INIRITY is a state-of-the-rit, intersive science and interpretive center under construction in Mancock County and is a gateway to 1,400 acres of upland and wetland habitats. Through hands-on activities the Earth gatery, a well as in the field, visitors will earn about wetland plants and participate in resoring vegetation in the nearby Pearl River watershed. Nature traits to the East Pearl River, which flows into the Mississippi Sound/Guil of Mexico, will connect with 4.3 miles of scienci byways in Mancock County. The ININITY traits will provide opportunities to monitor the impact of the spill on local wetlands, native wetland bird species and wetland-dependent migratory species.	Hancock	Yes	No	No	Yes	No	Yes	No		No	Yes	\$ 10,000,000.00	\$ -		

esearch and Jucation	2188	11/11/2014	Sub-bottom profile, sediment characteristics, and mapping of the shallow (c3m) water portion of Wassispip Soural added though the use of autonomous surface boats	Critical to all four of the proposals that will be submitted by Mississippi to RESTORE is the need to know the water depth (bathymerty) and subsurface composition in Mississippi Sound (e.g., mud, sand, hard substrate). More than half of Mississippi Sound is 2-m depth pitching the wash with of multi-beam sonars that are typically used to may the sealloor. Even shallower are the many sites that harbor erginass, submerged aquatic plants, that are typically used to may the sealloor. Even shallower are the many sites that harbor erginass, submerged aquatic plants, that is technology is limited when waters are not clear, in expensive mapping program for these shallow water aress with the technology is limited when waters are not clear, in expensive mapping program for these shallow water aress with the resolution to this problem that afforts an expansive mapping program for these shallow water aress with the insolutions we propose to substrate thingens in sealitor erginal and states statute at the substrate structure and type. To compete such norkwave jurified appet to track temposition thanges in sealitor of the substrate structure and type. To compete such appearations we propose to substrate structure in explosition and communication hardwave jurified (e.g., Admeke et al., 2009; Kitts and Mas, 2009) and has been expanded upon for gradient following (e.g., Admeke et al., 2013). Multi-robot systems offer many advantages over a single system, including redundancy, coverage and flexibility. One of the key technical consideritons is coordinating individual units. We have designed and haincided a new low-cost autonomous suffice emotioned by substrate structure. Structure clear and a subbottom constrate to associal consultable structure data that are relayed ergined and there expliced constructure, implemented via a seabased computer that whilessay receives SV data and relays Grain commands that are enabled to explice the structure structure structure data that are relayed to the structure structure, implemented via asso	Jackson, arrison	H Yes	Yes	No	Yes	Yes	Yes	Yes	20	No		5 650,000.00	\$ -	Equipment development and purchase
search and Jucation	3209	11/14/2014	Opter Ref Mapping and Habitat Monitoring – Suggestions to Improve Commercial Yield	Oyster Reif Mapping and Habitat Monotring & "Suggestions to Improve Commercial Treld D- Arne Direct (SUR), D: Iso Church (SUR) and Dr. Craig Mickey (UM) Casatal habitats provide ecological, cultural, and economic value. They act as critical habitat for thousands of species, including numerous threatened and endangered species, by providing shelter, pasning grounds, and food. Dysters, a commercially harvested food source in the Mississippi Sound, are subject to many natural and man-made impacts, including storms moving and onto the reif and barge traffic numing across the reid. While sourcing by surface vasiss will diamage the ref structure, toxic rundf advected over the ref can cause damage to the biota Niroy surface vasiss will diamage the ref structure, toxic rundf advected over the ref can cause damage to the biota Niroy surface vasiss will diamage the ref structure, toxic rundf advected over the ref can cause damage to the biota Niroy surface vasiss will diamage the ref structure, toxic rundf advected over the ref can cause damage to the biota Niroy surface vasiss will counder, a sub bottom soyster tonsi of oryster shells on the safello. We propose to map one opster ref that previously showed signs of damage, using a multibaem echo sounder, a sub bottom palde future culching projects. Since Oyster growth s slow, we will collect monthly passive and active acrossite these series will be compared to evaluate the health status of the damaged ref. In case of natural or max-made disasters we will collect souths a positive relicit Agiter science will be used to evaluate the distructure analyses to be Hierly to south an spositive relicit Agiter science of sub-traffic the safe biotecho structure bead and south set of shore the south an spositive relicit Agiter science and the sub-toxic sposuter to grow con. An additional souths in souths were contined (structure to be directed to be used to evaluate the distructure analyses to be Hierly to south an spositive relicit Agiter science of NS Oyster Reefs	Hancock St Tamman ,Mobile,J ackson,H arrison	y Yes y 1 1	Yes	No	Yes	No	Yes	No		Yes	4	1,360,324.00	\$	
esearch and ducation	5834	8/13/2018	incentivized use of small bar spacing TEDs in the other trawl fishery of Mississippi	NOA Project IDE 13913 The aim of this project is to restore sea turits populations in the Call of Mexico, particularly, kenglef, relidery Euploidceby stempil), where somell juvenies overlay with the nearbore and inshore shring but traval and skinmer fisher in Mississipi. The project will also increase the health of fisheries by providing fishing communities with methodologies and incentives to reduce impacts to fisher version: Early attrave travel method shring the incentivated use of smaller that spacing TEDs, capable of excluding small juvenile sea turities in the otter travel fishery of Mississippi. In order to smaller that spacing TEDs, capable of excluding small juvenile sea turities in the otter travel fishery of Mississippi. In order to protect juvenile surfures this hishery. The simmer waters of the norther Calif Of Mexissippi contaging for the simmer travel fishery will require TEDs with a maximum bar spacing of 3 inches, which is less than the current 4 inch anamum required for the otter travel fishery. The simmer travel and inshore ofter travel fishers to incentivize the use of TEDs with 3 inch bar spacing in the otter traw fishery in Mississippi. Date: Aug 10, 2018	s Harrison, Hancock and Jackson counties	, Yes	No	No	No	No	Yes	No		No	\$; 540,000.00	\$ -	
esearch and ducation	5835	8/13/2018	Enhancing the monitoring and enforcement of TEDs in coastal Mississippi	NOAA Project IDE1392: The aim of this project is to restore sat outry populations in the Guil of Mexico through enhancement of their protection in Missispip coarsid waters where small jumelies overlay with the nearbore and inshore shring other and aimmer fubery. Set tuttle restoration will be achieved through enhancing the activities of Missispip marine enforcement directed toward TED compliance monitoring. Restoration will be achieved by maintaining TED compliance in Missispip coastal waters at the highest level possible. Enhancement of manine gate enforcement of TED regulations by Mississippi marine enforcement will be achieved through increased training of marine partor diffices in proper TED inspection procedures and through targeted funding for increased TED enforcement efforts at use. Enforcement efforts will be tracked through submission of NOAA Fisheries TED inspection forms and TED compliance data uploads to the NOAA Fisheries TED compliance database. Date Aug 10, 2018	Hancock and	, Yes	No	No	No	No	Yes	No		No	\$	600,000.00	\$ -	
esearch and ducation	5955	12/3/2020	Enhanced sea turtle mortality investigations	This project will enhance NDAX's existing necopy facility to expand sea turtle mortality and supplementary investigations, and meaningfully improve the collaboration through the imperson and remeter participation of researchers and education staff in Mississipi and beyond. Data gathered from necoposis constitutes the most vital source of knowledge on mortally factors and meaningfully improve the collaboration of that information. Enhancements to the necrospy laborators (e.g. AV technology for remote participation, ceiling mounted examination lighting, floor drainage, safety upgrades, and height appropriate necopys biobarotic will write a capacity of the facility to manage sea turtle necrosps in a boarder. The moderniad facility alreves as in mounted research to the facility on manage sea turtle necrosps in a boarder. The moderniad facility alreves as in mounted research on the facility on manage sea turtle necrosps in a boarder. The moderniad facility advanced work environment for fac constituent patries and organizations to conduct search to endative, technologically advanced work environment for fac constituent patries and organizations to conduct which he boarders in a different and	Jackson	Yes	No	No	No	No	No	Yes		No		150,000.00	\$ -	

Research and Education	5976	12/8/2020	Missiagi Sound Oyter Sell Reccling Program- Phate 3	NOA Project DB14333 the Nature Conservatory recommeds. In "Phase 3 th of the Missiangip Sound Oyster Shall Recycling reprimentation of the Oyster Shall Recycling Resulting Fig. 10 (1997) (1	Harrison	Yes	No	No	No	No	No	No		No	5	650,000.00 \$		
Workforce Development	1260	10/1/2014	Natural Resource Enterprises - Restoring Coastal Habitats and Economies along the Mississippi Gulf Coast	Conduct a veries of 6 educational workshops training coastal landowners, sports fishing guide, commercial fishers, resource agency and economic development proteisonials, and community leaders along the MS Guil Coast. In natural resource enterprix development and associated land & water conservation practices. We will partner with agency and organizational attracts, including but not limited to MS Department of fravironmental Quality. No Bopartment of Marine Resources, Guil Coast Research Laboratory, MSU Coastal Extension Service, Aurubos Society, and local boards of supervison and city officiatis but these training went. We will train interested Indocement, sports fishing guides, and commercial fishers to develop a diversity of outdoor adventure encursions drawing outdoor entituisats to the Mississippi Guil Coast. Through development of these new budiness and associated consensitous, we will improve the environmental health of coastal lands, wetlands, wetranded, estuaries, and the Mississippi Sound on the MS Guil Coast.	Hancock,	I Yes	Yes	Yes		Yes	Yes	No	Yes	Yes	\$	165,094.00 \$	-	
Workforce Development			Hancek County Mash Uning Shoreline Project	We have designed and patternet a system that will help control effect of sea rise. Our system will provide shoreline protection, disinghance busing of habits, and will assue land busing. Designed to replace rock jetry, our new concept (Eds=TCH: etcl) is installed above the water line, considering projected sea rise is determined by GOGI algovernment deterministicns). Our GoS-TCH:-Hitt units are filed with diredge material source of the budge radies of the deterministicns). Due GoS-TCH:-Hitt units are filed with diredge material sourced from near the installation. Within a prepared area on tog of the GoS-TCH:-Hitt units are flexel with diredge material sourced from near the installation. Within a prepared area on tog of the GoS-TCH:-Hitt units are line with diredge material sourced from near the installation. Within a prepared area on tog of the GoS-TCH:-Hitt units a three installed and dustation direct rative plants. Our specialized method, proven in several previous deployments, ensures highly energetic and sustained plant growth, while coording the GoS-TCH:-Hitt units are stabilized with XX heavy duty PVC pipe, driven down 7 feet for firm hold, there are stainless steel rings on the bottom of units in three locations for PVC pass through. The PVC stabilization devices are designed to that three can be retrieved a future time, whetlement dust plant roting and accretion has been achieved and our äcknolodiffeature is no longer needed. Our proven inholds allow for replacement of rock as tabilization means. Using our proven methods, we ensure rapid restabilithment of Tubabits. Beniftsh, fin-fihes, invertebrates, and other wital costati organisms are able to restabilish previde protection from servise. (2) We ensure rapid estabilishtement of notable plant stabilishtements. 11) We provide protection from servise. (2) We ensure rapid estabilishtement of rotable stabilishtements. Tick-Hitt units, we accomplisht and retrieve and sub-staffe got on Cost- gobs has a stabilishtement. (3) Aure method assure			Yes	No		Yes	Yes	No	No	No		,248,000.00 \$		
Workforce Development	1681	1/22/2014	Hancock County Marsh Living Shoreline	After 46 acres of dredge material is installed Trident is proposing to plant approx: 802,000 native coastal grasses and plants with R201 (composit). Placed every 2.5 feet. Monitor growth for 1 year. Hire local labor and suppliers. Project condicies with installation of the Geo-TECH-jetti Units . Project ID #1679 Planning on budgeting for the installation of dredge fill and 46 acres of subtidial oyster reef on another project sheets.	Plaquemi	r Yes	Yes	Yes		Yes	Yes	No	Yes	No	\$ 2,	,110,000.00 \$	-	
Workforce Development	1684		Hancock County Living Marsh Shoreline Project	Naticelli Marine, Inc. will use 12 th hydraulic dredge to move material from a mining area 2000 feet off the shore to fill behind manmade berms. Approximately 130,000 yards of material will be moved over the planned berm area. Mitchell Marine is located in Blook MS. This coincide with Project # 1573 and 1681.	Hancock		Yes	Yes		Yes	Yes	No	No	No		,923,200.00 \$		
Workforce Development	1691	2/3/2014	Hancock County Living Marsh Project	Propose to deploy 435 tons per acre on 46 acres to equal 20,000 tons for Oyster Cultch. The material used will be 10% oyster shell and 90% II57 limestone. All work will be done in a minimum of 4 ft. of water at mean	Hancock	Yes	Yes	No		Yes	No	Yes	Yes	No	\$ 2,	,469,200.00 \$		
Workforce Development	1720	2/6/2014	Handcock County Living Marsh Shoreline Protectior	Iew Ude. This is a add alternate to base bid. Project 10#'s 1679, 1681, 1684 and 1691. Install 600 Geo-TECH-BETU Units fill with dredge material and on top of the Geo-tech containers are RootZone Humus-Illed, (IZ270), loodergateble containers. The IX270-Illed containers are planted with mature native marsh grasses and other select native plants. Once set in place the Geo-TECH-Jetti units are stabilized Once set in place the Geo-TECH-Jetti units are stabilized with XX heavy duty PVC pips, driven; down 7 Feet for firm hold, there are stainless steel rings on the bottom of units in three locations for PC pass through. Back Ill 114,000 cubic yards diredge material within 40 acres behind Geo-TECH-Jetti Units.	Hancock	Yes	Yes	No		No	No	No	No	No	\$ 8,	,575,200.00 \$	-	
Workforce Development	1725	2/7/2014	Hancock County Living Marsh Shoreline Protection/ Oyster Clutch	This proposal coincides with project IBI 320 has add alternate. Propose to degloy 482 tons per error of 95 acres to equil 42,000 tons for Oyster Cuitch. The material used will be 10% oyster deal and 90% #57 limestone.All work will be done in a minimum of 4 ft. of water at mean low tide.	Hancock	Yes	Yes	No		Yes	No	Yes	Yes	No	\$ 5,	,068,500.00 \$	-	

Workforce Development			BBID Buikhend	Project Description The territorian County Development Commission (HDC) will construct a 955der" builhead and dock facility in the Bernst Brouwst Browney. The Territorian County Development Commission (HDC) will construct a 955der" builhead and dock facility in the Bernst Brouwst Browney. The Territorian County Levelopment Commission (HDC) will construct a 955der" builhead and dock facility in the Bernst Brouwst Browney. The Territorian County Levelopment Commission (HDC) will construct a 955der" builhead and dock facility in the Bernst Browney. The Territorian County Levelopment and the encloy 1000 progene. The building and the Intracostal Conal and the deep waters of the northern Guilf of Mexico. Purpose of Grant Funding Continued development and exploring rowth of the BBD is a high priority to the Commissioners of the HCDC. The purpose of Grant Funding Continued development and explain Interstructure and jobs to Harrison County. It will increase the multimodal activity for companies requiring motor freight transportation and utility on the Intracostal County and Interview Sub a machine shop, construction material supplies and equipment maintenance mechanics will directly benefit in mer marine related development on the Seawy. Project Benefits Recreased capital investment in real and personal property Righter paring logs requiring highest access to the Seawy Register sub as in a fully developed Institutian Tark providing all necessary infrastructure Revised capital investment in real and personal property Righter paring logs requiring highest all lesst Recreased capital investment and personal property Righter paring logs requiring highest all lesst Revised capital investment to Fall Agenet to Guilf Ship – one of Harrison County&E ^{max} largest employers Project Cost		Yes	No	Yes	100	Yes	No	No	No	No	\$ 2,000,000.00		
Workforce Development	3243	11/18/2014	Port Bienville Industrial Park Trans-Loading Terminal Completion	IRCPRIC proposes to complete build-out of its trans-loading terminal facilities, thereby substantially increasing the Port's competitive advantage and ability to attract outside industry. Phase 1 and 2 of this project have been implemented and the area is now used for trans-loading material to/from rail and/or truck. This project will implement Phase 3 by developing the water from (buildhead) and extending rail to the water. This project will improve the trans-loading of gram, pelects, crude all, cast, tesh, builk liquid or other materials and will become functional for container on barge operations. The terminal will also be used to support supply vessels in the offshore project will substantially increase the port64 ^{cm} 's ability to secure investment from such companies.	Hancock	Yes	No	Yes	100	Yes	No	No	No	No	\$ 12,000,000.00	\$ -	
Workforce Development	3246	11/18/2014	Stennis International Airport Hangar Construction	HCPHC proposes to construct an additional two-bay, narrow-body hangar at Steinnis International Airport (SIA). SIA continually receives requests for aircraft hangars. The airport has been forced to compete with military base closures, which have made facilities valiable at behow marker rites and values. In order to renain competitive, SiA requires an additional two- bay, narrow-body hangar. Airport administration estimates that such a hangar can produce as many as 50 new jobs at the facility.	Hancock	Yes	No	Yes	100	Yes	No	No	No	No	\$ 6,000,000.00	\$ -	
Workforce	4257		Nabita Magning the Maters of Mississippi Sound	Benthic Mapping of the MS Sound: This project proposes to comprehensively map the Mississippl Sound using Multibeam Echo Sounders (MBES) augmented with Altorne Lidra Bahymerly (AB) system. The underlying purpose of the project is to establish a baseline benthic haltat map of the Sound; however, the data have numerous additional uses. The data will provide measurements of pelagic biomass over various haltats and suitability of advantions. Revisit survey to texport estitige of future refer. The residing Digital Elevation Model provides the essential boundary layer for dynamic modeling of the Sound to enhance, circulation, sediment transport, and darms trage/coastal invalidation missions. Revisit surveys to key areas can asses: habitat response to natural or anthropogenic stresses, siltation, refer material subidence, and sea level fise. The gold standard for obtaining high precision, hydrographic measurements is 100% coverage (insontification) of the seaded out to a within dapproximately 3 times the water depth. Figure 1 outlines the areas of the This standard for obtaining high precision, bydrographic measurements is 100% coverage (insontification) of the seaded out to a within dapproximately 3 times the water depth. Figure 1 outlines the areas of the This distandard for stanting high precision, bydrographic measurements without by the University of Southern Mississippi anamismum line spacing of 0 morters is required to obtain 100% coverage. Due to declining returns in shallow water and failers y material as than four mosters of depth dapproximately 1 times is resourced of 4 souths, each line of datas collection will take approximately 1 hour to complete, if a line spacing of 10 meters is utilized from the Mississippi/Auama border to the Mississippi/Auama border, a distance of a proximately 12000 meters, a linee count daproximately 1 hour to complete, a line doed of meters is utilized from the Mississippi/Auama border to the Mississippi/Auama border, a distance of a proximately 2 atthos of a not,			Yes	Yes		Yes	Yes	Yes	No	Yes	\$ 4,515,000.00		
Workfore Development	4264	12/19/2014	Missisippi Aquarium	This project proposes a world-class againstime to be built along U.S. Hyphwy 90 in culliport, Mississippi on statal of approximately 18 areas of land overloking the redeveloped Lones Park and Smill Cart Hirston. Depending on features, shows, and exhibits, it could be as ingre as 130,000 square feet, and cost in the neighborhood of 5120,000,000. This facility will ever the lift he void let by the loss of the Marking feature (life, cost and and provide for a much needed family/field) and education- criterited tourism facility for our Guil Casat market. Unlike many programs that seeking support, local commitment must be demonstrated to emphasize the significance of the shared vision of making this a vality. On Determine, 17 and 18, the Circ Council unanimously approved obligating 514 million of Cirl funds toward the purchase of approximately 10 acros of land to be acquired for this project site. "More commend within the top termination of the protein the avers for this project which has the potential to also include retail, restaurat, and lodging amentizes. The appeal of this controls that the Market Council Ling and under vision directive the antibuoty of this project, and has taken to also include retail, restaurant, and lodging amentizes. The appeal of this note that this is control Guil/pottarity, demotions measures in under vision of Guil/pottarity download to market assessment is currently underwised, and modelshy fulfiliable. Therm an urban enseme standpoint, this is is home run: Obviously, the economic beefit to Guil/pott add has taken a methodical development regresents. To that end, David Kimmel, former Construction Project, and has taken a methodical to guide or progress. A market assessment is currently underway with the objective of outful the instantious development regresents. To that end, David Kimmel, former Construction Project, Mangar and Decurite Oriential for this ambitious development regresents and bette the commitment and the harrison Construction Project whas a market acasses	Harrison	Yes	No	Yes		Yes	Yes	No	No	Yes		****	

Workforce Development	4291	1/5/2015	MS Gulf Coast Work-Ready Community Program	Resilient communities, costal preservation, conservation, preparedness, recovery and sustainability within any geographical region are dependent upon a strong economy and thus a highly qualified workforce. In turn, a highly qualified workforce depends upon comprehensive, coordinated, integrated and regional workforce training programs. Such workforce training programs, such such workforce training programs, such workforce training programs, such such such such such such such such	Harrison, J	JYes	No	No		Yes	Yes	No	Yes	No	\$ 3,500,000.00	S -	create new o
				period. Specific objectives and desired outcomes are as follows.													
				Objective 1: Creation of an open-entry, competency-based exit training program. Activities will include working with MGCCC and													
Workforce Development	4296		Ring	currently, the Mississippi Guil Cassi lacks a comprehensive fiber network engineered to be survivable in the event of a natural disaster and to support limities concound development. C Spire proposes to build a redundari, survivable fiber optic ring for the Mississippi Guil Cassi to provide both a backbone network for the Cossi as well as fiber connectors to commercial and residential cores across the cossilar legion. This network would provide the infrastructure necessary to support economic development projects of unlimited size anywhere in this region and to provide fiber Internet connectivity for existing large, medium, and small businesses as well as coastal residents.	Hancock,J	Yes	No	Yes	100	Yes	Yes	No	Yes	No	\$ 20,000,000.00		
Workforce Development	4300	1/9/2015	Creation of Pearl River Community College Campus in Hancock County	Create a campus for PRCC in Hancock County for sealbod research and aero space technology. This is of utmost importance, not only for the Mississippi Gulf Coast but for the state at large. We need to develop our workforce in Hancock County.	Hancock	Yes	No	No		Yes	Yes	Yes	No	Yes	\$ 15.00	ş -	
Workforce Development	4304		 I-10 Connector Road - Phase 1 USM Ocean Enterorise at 	The Jackson County Board of Supervisors is proposing the development of a new connector road parallel to Interstate 10 between Mississippi Highwy S1 and Mississiph Highwy S00. The proposed 1-10 well We located north of the Interstate and will provide access to existing commercial property, as well as large tracts of developable land within the cortidor. The proposed 1-10 Connector Road will be built initially as a three land wild endoway with sufficient right of way for expansion to a five-inare section with two eastbound lanes and two westbound lanes separated by a continuous left turn lane. The new contex will incorporate a come mis section of colox Road and approximately 1100 feet of the Thomas Street right-of-way. The west could be functionally classified as an Urban Arterial and will provide a continuous earth trout Externet now State routes with interchange access to interstate 10. The new contex WID Roberts and the country of a context on the section of the project. roughly 300 linear feet of new right-of-way will be expanded to provide a connection at Lander Road abourds Bole et and the four counter location. The west four development will be received to the request roughly 400 linear feet of new right-of-way will be expanded to control traffic movements. The new +100 Connector Road will continue north for about 1.000 feet in order to connect with Seaman Road. The preliminary estimate for the construction of the initial phase is \$13.7 million which includes: 44C85 million for Right-of-Way 44C95 million for Construction of 205 54C8mental in PX2000 Trinsportation NUD Appropriation Act 44C8mental in PX2000 Trinsportation NUD Appropriation Act 44C8mental in PX2000 Trinsportation AUD Appropriation Act 44C8mental in PX2000 Trinsportation AUD Appropriation Act 44C8mental in PX2000 Trinsportation AUD Appropriation Act 44C8mental in PX2000 Trinsportation NUD Appropriation Act 44C8mental in PX2000 Trinsportation AUD Appropriation Act 44C8mental in PX2000 Trinsportation AUD Appropriation Act 44C8mental	Jackson	Yes	Yes	Yes	2800000	Yes	Yes	No	Yes	Yes	\$ 13,700,000.00		
Development			the Mississippi Aquarium	The maxime &T fillue Economy&T ^{an} is the largest sector of Misistopia economic activity and Includes Shpbuilting, shpping (and related), Inling, louding, defense (and related), and construction activity and maximum particles. New and very large investments are being made to capitalize on this growth potential. We propose to centralize the connections between this massively important state investment with the investments the Multivest particle and fisheles research; busines and entregeneurship; construction; and tade, transportation and logistics. Need Given the magnitude of the investments made by both the state and the University, there is not a centrally located access node to intersect needs of economic development with the intellectual capacity of the University. The nation is full desamples where critical mass has been reached by providing facilities at the neuso of Indukry, acdemitia and aprecise, clearly, these interactions create new and exciting opportunities and push the boundary of innovation. The State of Mississippi needs such a placemit to the Mississippi Aquarium in the heart of Mississippi&T ^a s Blace Economic Development of Guliport. Through Ocean Enterprise, USM will develop and concentrate expertise in the areas of marine research, economic development, temperensurbing, trade, logistics and transportation. We will place world leaders in reach and education in the facility will be react and aeducation passes for training temporation. We will place world leaders in reach and education in the facility will be react and education passes for training temporation. Calaborative spaces to solve the regions most critical problems and community spaces to bring all of the citizenty to the table.													
Workforce Development	5503	7/18/2016	5 Center of Hope	The Center of Hope "A Place Called Home" will be a facility serving homeless families and single men and women (some of them veterans) on the Coast of Massiappi in Gulipott. The Center will be a 28,200 apt facility, providing 120 beds, multipurpose room and kitchen, administrative offletes, meeting room, all log/sludy areas and a chapel. This is a transitional housing center that will provide homeless residents a safe secure location to get back on their feet. We will evaluate them on a case by case basis to determine their overall needs. We are partnering with several different groups and organizations to give them the tools needed so they can be productive members of society.		Yes	No	Yes		No	Yes	No	No	Yes	\$ 5,700,000.00	*****	

Workforce Development	5765	2/25/2018	Mississippi Oyster Shell Recycling Program	The Mississippi Commercial Fisheries United, Inc. proposes for funding an oyster shell recycling program that engages Mississippi restaurants, oyster processors, and the general public to establish a recycling program that provides free oyster shell objective, training, and drop off locations to recycling otherwise discarded oyster shells. Oyster shells are the preferred culch material for oyster reef restoration but due to their limited supply has been used minimally in recent restoration efforts. Alternative cultch materials have thus far proven to be largely ineffective at restoring oyster reefs in the Mississippi Sound. Funds for this project would include the procurement and management for necessary collection materials, transportation wehicles, employees, land for shell staging, and have equipment for shell sanitation. Similar successful projects have been implemented in other Guilt states such a Alabama, Louisana, and Texas. The Mississippi Commercial Fisheries United, Inc. bunched a successful pilot oyster shell recycling effort in 2017 that focused on collecting oyster release at local seafood festiva nearly 2000 its of oyster shells were collected in one day. A detailed project proposal and estimated project budget for the proposed Mississippi Oyster Shell Recycling Program included as an attachment.	George,H	Yes	Yes	Yes		Yes	No	Yes	Yes No	3	\$ 300,000.00	******	
Research and Education	1189	11/9/2011	Round Island Lighthouse	DREMARK_IDB1447) This project consists of the restoration and relaxiding of the found issind lightness. A park including a visitor's center and parking for public access would be constructed surrounding the newly restored hightness. Project funds would include the acquisition of the land around the lightnesse as well as work to prepare, improve, and restore the lightnesse and the tite.	Jackson	Yes	No	No	Yes	No	No	Yes	30 Ye	s	\$ 9,619,000.00		
Research and Education	1196		Hancod Contry Shoreline Stabilization and Oyster Restoration	DREGNAL IDR22) Casate Environments, In and partners propose to fabricate and install bio-induced oyter rests to stabilise shorelines and here restore and sustain valuable and sensitive estaarine cosystem along cosst15 VM Hancok Courty. Mississippi. This project will stabilize up to +/. Iz miles of shoreline by restoring intertidal oyter ref habitat using a cost- ficient and reflexitive verticab herakwater technology called Reeffilts. The Reeffilk units function as a substate for oyters spat attachment and allow growth of an intertidal oyter reef that provides both shoreline protection and habita for estuarine organisms. A soyter growth progresses and the ref unit locacous more dense, the bioengineerod structure dampers and disspates wave energy and protects the estuarine marsh from erosion. These proven living shoreline and erosion control methods are currently inducing the growth of bioengineerod and self-sustainable living oyster rests that expand both linearly and vertical profile oyster reef sito enhances species habitat duries shorelines in Texas, Lousiana, Alabama and Florida. High de corourism. Based on habitat for a lange hordparybut herosity and provide optical living oyster rests on enhance methods are current ends as enhance pacies habitati duries aborelines in Texas, Lousiana, Alabama and Florida. High de corourism. Based on habitatical and photography threats and provide protection to + 3.500 circums et analysis or state a solid lovid acress of match (-1.50 circups emilia and provide protection to + 3.500 circums et analysis of + Anversing divide acress of match (-1.50 circups emilia and provide protection to + 3.500 circums et as as and declosal-mines and lovid and threads and solid statianida and rest divides areas of seasing march. In the project and erosion lines range from 5.72 750 feet since 1.558. Average 3.3 11-35 feet per year since over that declas. Anverage 2.22 zil lines the over host of the provess to design, fabricata and instal a patiented artificial oyster reef system, exertila and	Hancock	Yes	No	No	No	No	Yes	No	No	5	\$ 12,000,000.00		
Research and Education			Mississippi Gulf Coast Oyster Shell Recycling	(DRIGNAL IDR227) The objective of this projects to develop a cost effective program on the Mississippi Gulf Coast to recycle opter shell from consumes (retarations, shucking houses, oytert fisherman, includivalus who purches oyters by the sack, etc. that can then be used to restore and enhance shellfish habitat destroyed or damaged as a result of the Deepwater BP OI Spill. An effective program will require decuting consumes on the importance of recycling and encoursing their participation in a program that recycles oyter shell for use in replensing natural oyster beds and stabiliting shorelines. Suitable substrate is to build an denhance refet. Currently a significant amount of the shell produced by oyter lance is opported in law (source effect). Suborks agencies of the various Gulf states have been depositing cultich material, mainly native shell, on public oyster grounds to build an denhance refet. Currently is significant amount of the shell produced by consumes is deposited in law folls. Because much more shell is removed from public oyster grounds than is returned for habitat development and enhancement, the Gulf of welco is experiencing a shell direct in this project is designed to reduce that deficit by recycling their that would observise end up in landfills. The additional recycled shell will then be available for current of fulure oyster reef and shoreline restoration projects. Developing a cost-effective program to recycle shell for use in ref-building will be curcial to castat it restoration projects. The colification, south actioning, new tampitine, and produced positive results in Chesapeake Bay as well as in coastat seas of North Counds, south actioning, New tampitine, and reas. The project proposed here will use information from those state programs to develop an effective program for recovering oyster shell produced by Mississippi Gulf Coast consumers.	Jackson	Yes	Yes	No	No	No	Yes	No	Ne	,	\$ 800,000.00	•	
Research and Education	1679		Hancek County Manh Living Shoreline Project	We have designed and patented a system that will help control effects of sen rise. Our system will provide shoreline protection will enhance building of habitat, and will assue land building. Designed to replace rock jetty, our new concept (Geo-TCC)-jett) is installed above thear line, considering projected sen rise (sea determined by Oficial government determinations). Our Geo-TCCI-jett) installed above thear line, considering projected sen rise (sea determined by Oficial government determinations). Our Geo-TCCI-jett) installed above thear line, considering projected sen rise (sea determined by Oficial government determinations). Our Geo-TCCI-jett inits are filed with indreged material sourced from near the installation. Within a pregared area on top of the Geo-tech containers are RootZone Humus-filled, [RZN), building ording theorement determinations). Our deployments, ensures highly energetic and sustained plains growth, while providing theorement determinations). Our deployments, ensures highly energetic and sustained plains growth, while coording they can be retrieved at future time, whether meet the sea determined the plaint contains are been cour promes methods allow for preplacement of rocks as stabilization means. Using our proving methods, we ensure rapid exclusions of the holts. Shelfish, fin-fishes, invertervates, and other vital coatal organisms are able to restabilish populations. Listalling our Geo-TECI-jett units, we accomplish napid exbuilting of the entire food-web, by providing the multiple benefits. Li We provide protection from sea-rise. (J We ensure rapid exabilishinent of native planer shores units officient) set for listing affine determine and shores, berein determine and shores, berein the row of Geo-TECI-jett jett set in place, working from bargies. Contex officient and shores in formation and shores, berein the row of Geo-TECI-itet jett set in place, working from bargies. Contex officient and shores in formation and place to restabilishement of natore inter shore averse rapid exclusi			No	No	No	Yes	Yes	No	Ye		\$ 6,248,000.00		
Research and Education	1681	1/22/2014	Hancock County Marsh Living Shoreline	After 46 acres of dredge material is installed Trident is proposing to plant approx. 802,000 native coastal grasses and plants with R2010 (compost). Placed every 2.5 feet. Monitor growth for 1 year. Hire local labor and suppliers. Project Condecks with installation of the Geo-TECH-jetti Units . Project ID #1679 Planning on budgeting for the installation of dredge fill and 46 acress of subtidial oyster reef on another project sheets.	Plaquemi nes (I think he meant to put Hancock)	Yes	No	Yes	No	Yes	Yes	Yes	Ye	S	\$ 2,110,000.00	s -	
Research and Education	1684	2/3/2014	Hancock County Living Marsh Shoreline Project	Nitchell Marine, Inc. will use 312 ¹⁷ hydraulic dredge to move material from a mining area 3000 feet off the thore to fill behind manmade berms. Approximately 130,000 yards of material will be moved over the planned berm area. Mitchell Marine is located in Block MS. This coincide with Project # 3577 and 1681.	Hancock	Yes	No	No	No	Yes	Yes	Yes	Ye	s	\$ 5,923,200.00	\$ -	

Research and Education	1797	4/1/2014		Acquisition of 270-acre, currently owned by Columbus Communities, LLC, contiguous with the Desoto National Forest in central territoria. County, Gopher Forg Preservation Pacel at Tradition would serve multiple environmental purposes. a enhance future dississippi Source (hereby adding in the restoration of hexe numburg environmental purposes) and the service and the service and the service of the service and the service of the service function of actual resource and the service function of the service of the s	1	Yes	No	No	No	No	Yes	Yes	No		\$ -	ş ·		
Research and Education			Creek from Hwy 49 West to MPC Power Line Right- of- way	In additional to debrit removal from Turkey Creek, also provide an elevated access and a nou door classroom for for North Galiport 7.8.8 Grade Middle Schools and Islah Frederick Head Start School students to study insects, collect water samples and study different species of brits and annias. Introduce Head Start students at an early stage in learning how to become better environmental stewards. Create an access point for the middle school students to safely perform these educational opportunities.	Harrison	Yes	No	No	Yes	No	No	Yes	40 No		\$ 225,000.00			
Research and Education	4257	12/8/2014	Habita Mapping the Waters of Massisuppi Sound	aenthic Mapping of the MS Sound: This project proposes to comprehensively map the Mississippi Sound using Multibeam Echo Sounders (MBES) augmented with Auforne Lidar Rathymetry (AB) system. The underlying purpose of the project is to establish a baseline benttix haltar map of the Sound, however, the data have numerous additional uses. The data will provide measurements of pelagic biomas over dividus habitata and subtability of selation substrate to susport existing of rule reset. The resultion Model provides the sesential boundary layer for dynamic modeling of the Sound to enhance, circulation, sediment transport, and storm surge/costal invalatoris multiple substrate to susport existing of rule reset. The resulting Distal Elevation Model provides the sesential boundary layer for dynamic modeling of the Sound to enhance, circulation, sediment transport, and anthropagenic stresses, siltanon, reef material subidence, and seal evel rise. The gold standard for obtaining high precision, hydrographic measurements is 100% coverage (insonflication) of the seal foor using acoustic Multibeam sound by a depth contouring of provides the water depth. Rigue 1 autilines the areas of the Mississippi Sound bundle by a depth organomized by 5 times the water depth. Rigue 1 autilines the areas of the Mississippi Sound bundle by a depth organomized by 5 times the water depth. Rigue 1 autilines the areas of the Mississippi Sound bundle by a depth organomized by 5 times the water depth. Rigue 1 autilines the areas of the Mississippi Sound bundle by a depth organomized by 1 the stant DOPK contrage. One water and the Mississippi Sound wightion, a minimum survey depth of approximately 2 maters (back contour line). The average depth Through The Mississippi Could bias to stant organomized by a the stant of survey time can be established. Planning the lines in a north south orientation would allow for efficient data collection and manageable data files. The average with of Mississippi Coulds and by aconticating 6 hastis pr	f ,Mobile, ackson,F arrison	ny ,J	Yes	No	Yes	Yes	Yes	Yes	10 Yes		\$ 4,515,000.00	ş ·		
Reserch and Education	4293	1/8/2015	Peel Rev Comunity College Hancok County Center	In an effort to meet the growing higher education, economic and community development needs of the citizens of Harcock. County, Pear River, Community College devises to build a comparish the County, For a number of years, PRCc Offenda limited number of college-level courses at John C. Stennis Space Center. A PRCC administrators searched for a more effective way to save the area, the Harcock Courty Board of Supervisors of various citizens groups were also asset. The Harcock Courty Board Pear Anne et al. (1997) and an et al. (1997) and the courty is higher education opportunities. Working with a coalition of governmental, education and community leaders, PRCC leaded classion saveg pource of a converted Warkhart on Highway Di Wavelend. The new Hancock Center Board Fort the signify semester in 2005 and subsequently enrolled 393 students for the fall 2005 semester. Just ten days later, Hurricane Xatrinis Storm Surge pource Berl of water through the building leading it in units. Officials reprouged and classes resumed. October 3, 2005, in portable classrooms at the Stennis International Airport. By January 2007, the newly-refluctival banck classes that are expected. Pael River Community Events, build a fact-store that are proposed to foster this growth. The campus environment would promote program growth and the ensuing student population increases that are expected. Pael River Community Events, builds a fact-stati and growth and 20-30 across of land in Hancock County. The faeling the double student banging agromant save statis and a langer multi-purpose to building for hause and the student population increases that are expected. Pael River Communities programs and wall give and hauser purpose to building of adversory of the building of adversory of the building of adversory of the building statisment the student population increases that are expected. Pael River Communities programs and wall give and the approxements, officials for buildings, definission, financial at the house at least 20 diascompas		k Yes	No	No	Yes	No	No	Yes	100 Yes	Higher Edu	\$ 15,000,000.00			
Research and Education	4296	1/8/2015	Mississippi Gulf Coast Fiber Ring	Currently, the Mississippi Gulf Coast lacks a comprehensive fiber network engineered to be survivable in the event of a natural disaster and to support limities economic development. C Spire proposes to bull a redundant, survivable fiber orptic ring for the Mississippi Gulf Coast to provide both a backbone entewnol for the Coast as well as The connectors to commercial and residential cores across the coastal region. This network would provide the infrastructure necessary to support economic development projects of unimited size anywhere in this region and to provide fiber internet connectivity for existing large, medium, and small businesses as well as coastal residents.	Hancock ackson,F arrison		No	Yes	No	Yes	No	Yes	100 Yes		\$ 20,000,000.00	\$ -		

Research an Education	nd 429	1/8/2	013 Gulfport Downtown Touri Destination/Alley Streat:up-to-the-half Street Alley Project	Colliport Downtown Tourist Destination/Alley Streetscape Project i.e. & CaeHail Street Alley Project&EI In the tradition of Printers Alley in Nabhile, Prizes Alley and Escharge Fisce in New Orlenas, and the Alley Station in Movingment, Al. (adjort, MS) is seeing to develop the downtown alley between 22th Annue and 27th Annue into a True routdoor public ententianment and arts destination. Currently used for utility and waste removal purposes, the alley has exervised a seging and you have a set of the annue and the set of the annue and the set of the annue and the alley Station in Movingment, Al. (Sugfort, MS) is set of the alley lass intervention of the potentianment and arts destination. Currently used for utility and waste removal purposes, the alley has exervised a setion general end and the set of the annue annue work (City, Assist). The Statis, Potfand, Dickag, and Atlant and are now focusied on opportunity in Gulfport, MS. Their assessment is that the location in Historic Downtown Gulfport and are now focusied on opportunity in Gulfport, MS. Their assessment is that the location in Historic Downtown Califord and are now focusied on approximation, the current district, creating a set, factative and highly discipated pages to the character of downtown. Major design queues will be to strettscape the surface with new brick pares, rainage systems, arched signage at each entrance, various and ecicicit glinitity treatments, creative and unique at installations and discips, bamboo planters, benches and seating areas and decicated areas for the restaurants 4th "outdoard or sound coils". Based on recommendations and having benched with a small discips, Califord and Market for seating and and maintenance of the alley wills exect of the local Director of the Department of Health, the corral area will be against one of the alley wills, fenced off on a scncrete pad with sweet failing and thor and coll water for state agains and maintenance of the adays ophysic trons of the adays and maintenance of the adays of		Yes	No	Yes	Yes	Yes	Yes	Yes	55 Y	25	\$ 1,500,000.0	D #######			
Research an Education	nd 430	1/9/2	015 Creation of Pearl River Community College Campus in Hancock Count	Create a campus for PRCC in Harncock County for seafood research and aero space technology. This is of utmost importance, not only for the Mississippi Gulf Coast but for the state at large. We need to develop our workforce in Hancock County.	Hancock	Yes	Yes	No	Yes	Yes	No	No	Ŷ	es	\$ 15.0)\$-			
Research an	1d 430	1/26/2	015 A Hancok County Aerospace and Workforce Academy	Arropace is a staple on the Mississipp Gulf Cost, depite the lack of compethencie aerospace and industry-related staining regrams from both has calabinic and workford staining practicity. The Yang Mississi Gulf Will Collage (PIBC2), which envices hanceck County, and the Hancock County Prot and Herbor Community for the Herbor Community (Collage (PIBC2), which envices hanceck County, and the Hancock County Prot and Herbor Community (NH PRCL) ⁴ es easily scated and whereverbal to make such a compethencive training program a railly (VM PRCL) ⁴ es easily scated and a whore the Hancock County, which have to scate similar scate and the State State and Alabor the Mississi and related parking, apron and taxiway and an estimated 31.1 million for a three-year operational start-up period. Hancock County, which have to scate simils Space Center and Stems international Alpropt. has robust arropspace activity in both the private and federal scctors with twelve industriss in the private sector alone, and coast wide there are 25 aerospace inclustrise, with an unclud amount of an aerospace and workfores catadines with industrist there is strong sectory activity, lacking are the components that would create a true industry, Cuater and a major factor in cluster development is the existence of a unvertiles and colleges supportive of that activity. Once as strong industry cluster is no lack, synepties are created that are had to easily duplicate in other regions. PRCC and IrCHC with to enhance the Gulf Coast& ⁴ + aesting competitive advantage with the creation of an aerospace and workfores catading work the calabinest, workfore training, and networking components that weave the threads of syneps wen tighter for aerospace in Hancock County.		Yes	No	Yes	Yes	Yes	No	Yes	15 Y	25	\$ 10,000,000.0) Ş - s	imilar to ID		
Research an Education	1d 550	3 7/18/2	016 Center of Hope	The Center of Hoge "A Place Called Home" will be a facility serving homeless families and single men and women Isome of ther veterans) on the Coast of Mississippi in Gulfport. The Center will be a 28,500 s qft facility, providing 120 beds, multipurpose room and kithen, administrative offices, meeting rooms, child play/study areas and a chapet. This is a transitional housing center that will provide homeless residents a safe, secure location to get back on their feet. We will evaluate them on a case by case basis to determine their overall meets. We are partnering with several different groups and organizations to give them the tools needed so they can be productive members of society.	h	Yes	No	No	Yes	Yes	No	Yes	N	0	\$ 5,700,000.0) """""			
Research an Education	vd 553	15 3/2/2	017 Land Between the Creeks land acquisition	The Land Between the Cresk (BITC) is a multi-property land acquisition opportunity in partnership with The Trust for Public Lands to permanenty protect a critically important, 223 access relate along the Parscagulus River conformerant the combines of Red Creek and Black Creek in Jackson County, Mississippi. The Pascagulus River conformerant the combines of Red Streek and Black Creek in Jackson County, Mississippi. The Pascagulus River conformerant the combines of the state-designed Scene Stewardship Stream and designated national blackway. Since 1974, government, Lindowners and NGO partners have collaborated to protect an 85-mile forested corridor of 72,000 acress of conservation lands along the were. If funded, this project will ad 223 acress of well-managed working forests bordering state-designed Scene Stewardship Streams Red and Black Creeks (major tributaries of the Pascagoula). The LBTC properties feature gently sloping, fire-managed pine uplands (including longlest), plicher plant flats, a 113 acre perennisily floode Cyness/Tyrelo Benefia anumber of Internationation and ongame species of concern. Once a equired, the LBTC properties are one of the largest blocks of fire-maintained uplands along the protected Pascagula New condor. The BTC properties welld be comed by the State of Mississippi and managed as part of the Pascagula River WMA. Acquisition of LBTC properties will provide needed recreational access to difficult to access segments of Red Creek and Black Creek as well as the state Pascagula Wildlife Management Area's Bg Swamp area.	Jackson	Yes	No	No	Yes	No	Yes	No	N	0	Ş	\$ - t	and Acquisition		

						-	-	-	_	-	-							
Research and Education	5536	3/6/2017	Guil of Mexico Citizen Seenists Intuitive Development of a Mobile App for Marine Assessment (MAMA)	Introduction Advances in mobile phone technology have made it possible for clistens to contribute valuable data for esclogical monitoring and accentific investigation. Clisten Scientita initiatives heress the massive numbers of people who are sportnerer and women, advances intervestigation. Clisten Scientita initiatives heress the massive numbers of people who are sportnerer and women, advances in the initiatives have howered opportunities for public participations and data that accumulate in a paralleled database. These initiatives have howered opportunities for public participations in science and have served to Scientemystrip/EDE excientific process for the average clisten. Thanks to the internet and answere store for participation in biological monitoring and has provided unprecedented opportunities for collaboration among scientists. There is a long history of citoen scientist involvement in biological research. Arguably, the earliest example of this involvement is the Audulon Sciency Chroitmas Batic Court har provided information to establish bird migratory accessfully employed around the world to generate databases that would be logistically impossible and prohibitively expensive for most research project budgets. In the Guid Mexico Clisten Scientist Initiative (GMCSI) proposal we will recruit and train clisten scientists in the use of a mobile phone app for marine assessment (MAAA) that will be developed. MAAA will allow Guid Coast clisten sand wistors to a J updato, phones, pdata coast and duched that agrating specimens the ybace cash clisten scientist in the there of the scientist movement. In the Guid Mexico Clisten Scientist Initiatives (GMCSI) proposal we will recruit and train clisten scientists in the use of a mobile phone app for marine assessment (MAAAA) that will be developed. MAAA will allow Guid Coast clistens and wistors to a J updato phones, pdata coast and bere data fargering specimens they have captured, observed, and detertified b. J submit photos of endagered/unusual specimens of fish	Hancock, Pearl River	Yes	Yes	No	Yes	No	Yes	Yes	Ye	5	5 1,711,190.00	Ş -	Monitoring	
Research and Education			Reduction	Benefits of the Guif of Mexico Citizen Scientist initiative improve water quality by relacing muteries loads to coastal watershelds. Develop conservation plans on aptrultural land and rural communities that support them to address nutrient and sediment runoff; and implement conservation practices identified in the conservation plans. The primary goal for this project is to improve water quality through nutrient and sediment reduction. The health of the Guif of Mexico depends upon the health of its estuaries, and the health of those coastal waters in fulfuenced by land uses in the watersheds of its bitotaries. In the five duif States, core 80 percent of the acreage is in privato onwerhol (USDA-MRCS 2014) and is used for forestry and agriculture. This watershed-scale project restores water quality impacted by the DWH oi spill by reducing nutrients and the sediments carring them into coastal waters. In fifth concentration, guardine, gravitand, for start, uses a a contribute of an in mary instances, not the leading contribution of nutrients to coastal waters. Note are early comparing the set of coastal watersheds of its concers and the instances, not the leading contribution of nutrients to coastal waters and contributes nutrients and sediments that adversely affect the health of coastal waters. In the water sheet - address nutrient related resource concerns at their sources across multiple landuces in the lower Parcagouis Rever watersheet. USDA will provide outreach and technical assistance to voluntary participants – especially on the most vulnerable acres in the anises substance proctication plans. The project proposes to implement dusters of conservation practices within the market substance and when the gal of multiple approximation on water equality at the watersheet subtribution barrets that would provide benefits to coastal waters and downstream receiving waters, and reduce water quality degradation in watersheds that would provide benefits to coastal watersheds and marine resources.			No	Yes	Yes	No	Yes	No	Ne Participante de la companya de la		\$ 2,000,000.00			
Research and Education	5841	8/13/2018	Assessment of Antificial Lighting impacts on Sea Turtles and Public Outreach on Missisppi Mainland Beaches	NDAX Project T0F 13906: Threatmed and endingered site turtles utilite the mailand beaches of Missispip at anestime bability. Artificial lights have been shown to reduce as sturtle nesting on otherwise stutilities nesting bability. Taking lights have been shown to reduce as sturtle nesting, including stufping and cause disruption of the sea turtled."s ability to find the sea. The first objective of this project is to conduct comprehensive nighttime lighting evaluations along the beaches of the Missispip Guid Coasting, including Stufping and Takih Stufping as a turtles. Lights that are alluminated and visible from the beach with respect to their potential effects on nesting and hatchling sea turtles. Lights that recommendations withe beaches of the Missispip Guid Coasting. The missispip Cuid Coasting and the search there takes the potential effects on sea turtles.) Based on a lightAE"'s intensity, location, distance from the beach, type of fixure and other relevant factors, recommendations will be made for concretive measures. Sub-metrie accurate GPU substitute with search to their relevant factors, recommendations and to the search the search se	Harrison, and Hancock Counties	Yes	No	No	No	No	Yes	No	Ne		\$ 175,000.00			
Research and Education	5853	10/15/2018	Sunset Drive to Dunbar Ave Sanitary Sewer	Project consists of cleaning, videoing, addressing point repairs for damaged sewer main sections and lining of sewer main and manholes to prohibit bypass of sanitary sewer during heavy rain events. This section of sewer main is one of the oldest sections	Hancock	Yes	No	No	No	No	No	Yes	100 Ye	s	\$ 350,000.00	ş -		
			Improvements	in the city and has continued to degrade over the years.														
Research and Education	5854	10/15/2018	Lift Station Repair at Ramoneda St.	Project consists of pump station upgrades to include new pumps, internal wet well rehabilitation with new discharge pipes and where, liner of wetwell and bypass values installel near the two beb. Xn: Bis pump station is continually in a state of disrepair and undersized to handle existing demand. Also, during heavy rain fails the pumps are over worked Causing periodic bypass of statistry sever into the nearby environment.		res	No	No	Yes	No	Yes	Yes	100 Ye	S	\$ 250,000.00	\$ -		

	Research and Education	5865	1/7/2019	Hickory Creek Headcut stabilization	Hickory Creek, along with White Cypress Creek and Catahoula Creek, make up the upper Jourdan River Watershed. They are all downcuting, each with a nick zone that migrates upstream. The one on lickory Creek, a half mile downstream of Casar Necasire Road, will threaten the bridge and roadway in the not oo distant future. The headcut is contained within the applicantGP's property. Hickory Creek, in its un-degraded state, is a sinous coastal stream that is fairly small appearance. However, it drains a large wetershed upstream of the headcut, toore Say and miles. It utilizes its floodplain to parteornet: a worker is divershed upstream of the headcut, toore Say space miles. It utilizes its floodplain to parteornet: a worker is a constrained wetershed upstream of the headcut, toored the floodplain. When this happens, the worker law on out the banks to accommodate the flow. The executing soil and vegation loss is staggering. The sail loss is a large contributor to the sitiation problem in Bay 51. Losis. Downstream of the nick zone; at some offset constitutes, a new form of stability within its canyon. Between these two area, a length of, say, As of a mile, is a constantly moving zone of destruction. The project is to stop the upstream migration of nature and stabilities. It will millow contain grade constitutions expressible there as the stream of a stability there or so to step its stream own in an order if pations. It will also involve woody detris removal and some bain signing and stabilization. And constrained the downet stream end to downet at well for sain darks. The stream migration of tradicatally all rules is the stream downet downet stream west of downets are well for sain darks. The stream migration of tradicatally all rules is the stream downet banks to downet and the flow stream end for the stream the downet stream is the downet stream et for stream et allowed. There are two main tributaries and one smaller one on the applicant's property that should receive similar treatment, although on a	Hancock	Yes	Yes	Yes	Yes	No	Yes	Yes		Yes	ş -	Ş -	
	Receipt and Education	5873		Wolf flow: Weyerhauser	The Land Trust for the Mississipgi Costal Plain (TMCP) is an accretioned and Trust dedicated to the conservation, promotion, and protection of open spaces and green places of ecological, cultural, or scence significance in the conservation, promotion, species, and recreation. The Land Trust holds a conservation easement tools in conserving land for the benefit of habitas, species, and recreation. The Land Trust holds a conservation easement on approximately 18 miles of the Wolf Nev et Alls watched for and protecting the Wolf Neve Conservation Society which is a non-polfit corporation dedicated to conserving, managing, and protecting the Wolf Neve and taxesherd from its headwaters in Lama: Court to 1s termination at the Bay OS Luois. The State of Mississippi has classified the entire length of the Wolf as a Fin & Wolf Neve and Issuesherd from its headwaters in Lama: Court to 1s termination at the Bay OS Luois. The State of Mississippi has classified the entire length of the Wolf as a Fin & Wolf Neve and Issuesherd from its head courts open and molecular to the Conservation at the Bay OS Luois. The state of Mississippi Bas classified the entire length of the Wolf as a Fin & Wolf Neve Tak State Mississippi Despicit is to stabilish (Inding to purchase individual parcels of land owned by the Weyerhausser Company totaling A-30,028 acres, located in areas identified as a crucial to establishing complete conformed conservation and. The Wolf Mississippi Despicit is to stabilish there, and Parks: Protection of the superstam land is vital to the water quality and desissippi Despicit is workshing a Jung Parketion of the superstam land is vital to the water quality and desissippi Despicit shores tabilish the Mississippi Source. Coological Viau. "Protects properties a Jung Parketion of the super stabilish descenario. The Nevert di- provide class water for our statural resources along the Wolf Never and into the Bay of Sant Luois. "Provides viabable habitact provide class water for our statural resources along the Wolf Never	Harrison	Yes	Yes	Yes	Yes	No	Yes	No		Yes	\$	Ş -	
	Research and Education	5874	2/21/2019	MSU Northern Gulf Aquata	c lespite Misissippid4 ²⁵ 's relatively short coastine, the Misissippi GuT Coast produces an abundance of natural resources and economic impact. Coast Misissippi also some economes a Secther sediod octapiol of the world. References to the abundance of natural resources and traindom ²⁵ 's optical of the world. References the mission of the set of constraints of the Misissippi and Misissippi and Consumption of Misissippi and Misissippi and Consumption of Misissippi and Misissippi and Consumption of Misissippi and Misississippi and Misissippi and Misissippi	Harrison	Yes	Yes	No	No	No	No	Yes	100	Yes	\$ 15,700,000.00		
New	Reserch and Education	5933	5/3/2020	Audubon Costal Bird Stewardship	NOA Project DB14231 Beach-netting birds across the Gulf of Maxies encounter a wide array of challenges to successful expendiction. Beach-netting birds across the Gulf of Maxies encounter a wide array of challenges to successful is human disturbance, unbalanced prediator populations, habitat also, sea-level rise, and horeased strom intervaly. This uniffaceted approach to beach-netting bird concretation to be been proven successful in the across-of efforts of Project exclusions and uncessful to the second of the second birds of the second birds and exclusions of the second exclusions and uncessful to the second birds of the second birds of the second birds of the second technica populations, including those along the norther for all of Maxico. Building on a successful for management includes buy-in form enproductive success and assessing threats, community engrament, education habitat and prediator management, policy action, and law enforcement training and support. Audubor's vision for beach-nesting bird management includes buy-in form management and the costino of paintations. Guided by the work of the beepwater horizon Natural Resource Damage Cassal Bird's Stewardship Program. Such a program will be able to implement most of the restoration approaches identified for the second second second second birds. These approaches include the restoration approaches identified incleantal bird mortality from prediators and humans, restoring and engine restoration of bird mesting and foraging habitat (a priority for this restoration approaches include the restoration and conservation Specifically, this program would makinze effectiveness, efficiency, and herefs to injuride bird species. Community lengement and strateging carterial birds and therein schemates of the partner of the interior's bindance forters transglobar carterial birds from early restoration projects like the Department of the literior's bindance diverse birds and humans to diverse birds approaches birds and thereas and thereas suppliced in		Yes	No	No	No	No	No	No		No	\$ 15,000,000.00	Ş -	

PROIFCT CATEGORIZED INCORRECTLY IN PORTAL (ORANGE CELLS)

			1				,											
Go Coast	PROJEC	DATE	PROJECT NAME	DESCRIPTION	LOC_COU NTY	WORKEORCE DEVELOP MENT	ECO RESTORATION	INFRASTRUCTURE COMPONENT	INFRASTRUCTURE_BUDGET_PCT	ACT_ECONOMIC_DEVELOPMENT	RESEARCH AND EDUCATION	SEAFOOD	SMALL BUSINESS	TOURISM	ACT_OTHER	ESTIMATED COST	FUNDING AVAILARI F	COMMENTS
Workforce Development		1/1/190	Bayou Grand Shoreline Stabilization	The subject property is one of the last remaining configuous tracts of fand along the Mississipp's Gulf Coast of it's size. Since the oil splin 12021, nearby reliates that we noteed a big decrease in vegetation, namine life, widlied and other resources predominant throughout the property before the split. The loss of marsh land has been proven to magnify enosition by a significant amount. The land is well positioned to become a large scalar onlitics development that could provide much needed amenities to the area including boat range, boardwalks, piers, bike paths and other economic drivers. At the same time, our intention is to beep a large portion of the land in it's natural size and not divoupt the natural ecosystem of birds, widlife and vegetation. The current height requirements for building on the land range from 15-18 foot above sea level. Given these imminum height requirements, more clouds et al. and end the reshared of the size and the land through the advantage of the land through the advantage of the land through instructure improvements (were), etc.), etc.), and all the land through the size of the size of the land through the size of the land through instructure improvements (were) and exceed to purchase the land for government use. With it's close proximity to during land the result in the size of the size of the land through to during land land the la	Jackson	Yes	Yes	Yes	20	Yes	No	Yes	No	Yes		\$ 7,350,000.00	ş -	
Workforce Development		10/31/2013	Pass Christian - East Harbor Expansion Improvements/Enhanceme nts	The City of Fass Christian is currently constructing a harbor that is funded via CDBG (economic development - must create 50 jois in a year). Cho Parna and BP block grant. The 22-ac reharbor baid, indeped to 10 ft. depth, includes 16 arecretational and commercial boat slips, 50 truck/trailer parking slips, 215 automobile parking slips, 4 tractor/trailer slips, 4 publicly accessed boat ramps, landscrips, water/were and electrical infractionation and an elevated antecess structure along the east breakwater perimeter allows public access for fibihing and will serve as base of operations for commercial seabod operations. Additional Items include signage denoting protected and endingenet depectes and public information regarding invasive aqualit species and how to prevent spreading. The design includes approximately 240 recreational and commercial alle protections. Additional Items include signa alternates due to funding constraints. Additional Items designed and the a alternate are a splash pad/spray park, pler for commercial operations related to strimg off-loading, additional public restromes and improvements to existing habbar are serving commercial operations. Additional Items to consider funding include public landny facilities for transient boaters and handralis along southwest breakwater that will allow public access. The project is designed to meet clean marine program criteria. Construction completion at 10/31/33 s approximately 50%.	Harrison	Yes	No	Yes		Yes	Yes	Yes	No	Yes	commercia	\$ 3,500,000.00	\$ -	
Workforce Development	12	33 6/5/2013	Land Purchase for Port Bienville	CIPICIONLI CIPIT-1990) Land purchase for future expansion at Port Bienville Industrial Park AFCTS PBIP's feed geographical location constantly pipuse the interest of both current and future industries for expansion and location. Due to this increased interest raw vacant land is becoming a valuable commodity. The lack of populous neighborhoods around PBIP has always been a major indicement factor in industries locating at the port. This allows industries to expand without the worry of encreasching on realdential communities. JUSTIFICATION: PBIP currently has only one large tract of vacant land (approx 400 acres) left for development. This parent lass basclaids been just on "hold" to the interest expressed by an existing industry for future potential expansion. PBIP han on other large tracts of land to offer industry. The few remaining parcels, that are not in wetlands biotected areas, and 2-25 acces in size. Normally industries for development to these purce's world be minimal. The parcels development. This to be locations the evidorment and morth backting PBIP have been identified as suitable areas for acquisition for future development. This to the locations the evidorment and morth backting fabr Plane been identified as suitable areas for acquisition for future devidencies. This to be locations the evidorment and major to development to these purce's world be minimal. The parcels devidencies that is also border our current rat gur making t an ideal location for location of industry with minimal cost of rail expansion.	Hancock	Yes	No	No		No	No	No	No	No		\$ 1.20	ş -	
Workforce Development	12	i4 11/22/201	Marinovich plan to restore the gulf shrimp	String migrate in from the guil three times a year Alesauch need to be done to establish when the shring move into the estudies. On this base the adult shring needs protecting when they move up out of the guil to spane. As a net maker I see this happen three times a year. Letting the shring spawe correctly will increase the juvenile release from the estudies. Until the gas, laraey upwell and adult shring norms shring in the estuaries. Which use the increase the juvenile release from the estuaries. Letting the estigate strategies are shring to make 3.1 When we have maximum spawn we will have maximum juvenile release when the conditions are correct in the estuaries. This will help the ecology (earnymic, more shring to relea find set.). Over time the shring possibuliton will increase and there will be more food for the whole ecology. After the migration is established then the law must be fixed in order to protect the shring frame have maximum spawn we will have maximum journal and closing of the shring possibult. The Marinovich Plan has us researched twenty years ago and the shringer about 80 percent agreed to it. The Marinovich Plan has the dates when the shring spawn because it happen every ways but it has the borreve to the scientific community. Thank you for opportunity to make this proposal. Let work together to save the food for the guif ecology.	Harrison,	J Yes	Yes	No		Yes	Yes	Yes	Yes	No		\$ -	ş -	
Workforce Development	12	51 12/4/2013	Missispip Gulf Coast Arboretum rail –Coastal Arboretum rail –Coastal Arboretum s for Restore Canopy and Reduce injury	The MS Ubban Forest Council is a 30 year old nonprofit organization that works with community leadership and citizen to establish healthy three canopies. We have the only aboretum program in the state and have been certifying arboretums in Ms for over 10 years. This project addresses community resilience, injury, restoring canopies, economic development, tourism benefits and much more. This project addresses community resilience, injury, restoring canopies, economic development, tourism benefits and much more. This project addresses is somoth after approximation in this state and available and the state and available and the state of the state provide a card yas is months after approximation. This project will fully develop local public green spaces is somoth as the approximation scale and ecological benefits. Aure quality and storem answork of linker green spaces. This project his multiple benefits - Community resilience, job training, eco touring, economic, economic development, ercreation, social and ecological benefits, such quality and storem to 20 existing green spaces. This project his multiple benefits - Community resilience, job training, eco touring, economic, economic anatwork of linker green spaces. This project his multiple benefits - Community resilience, job training, eco touring, economic another 15 estimation, social and ecological benefits, while the avail counties. Three sites (one per countity) will be created another 20 existing green spaces and and certified as a developed and to 20 existing green spaces. This project will be admitted and certified as a developed and ther sites. The aboretum will be constrained as green way, tourism and promotion of communities and ther sites. The aboretum will be included on a GFS project will be certified and view these sites. These sites will be highly visible. The value of related water quality functions will be determined for these sites bade on Tree formulas. The project has for babsic communities, of the opticate substate linker	Hancock,	I Yes	Yes	Yes		Yes	Yes	No	No	Yes	water qual	\$ 420,000.00	****	9

Workforce Development		12/4/2013	Restoration of the Gulf Coast Ecosystems	We represent companies and associations who werkome the nation to enjoy our seafood, one of a kind culture and world-class fisherics, beaches and tourist destinations, as well as the wide spectrum of firms poised to conduct future ecosystem restoration projects. As suck, we encourage the use of funds from the recently pased RETTRE fluc four Carl cast At to create local job and training opportunities, strong communities, and long-term economic health by investing in the restoration of the Gulf's wetands, opter refesh and barrier islands.	Hancock,	Yes	Yes	No		Yes	No	Yes	Yes	Yes		; -	\$ -		
				Cull Costs ecosystem are as important economic driver for our state and our regional economy, helping us to provide critical services and products medied to drive plo cration, including; = Production of 1.3 billion pounds of sealbod annually — with dockside value of 56.01 million; = Supporting the largest remaining with overte harvest in the word; = Attracting more than 32 million recreational finiting trips annually, and = Providein more than 600000 (bios and 90 billion in waves annually in bottoms and recreation.															
				- Proving more than BOULDU Joes and 39 billion in wages annualing in tourism and recreasion. Healthy veltands, barrier slands and opter reefs also moltigate the impacts of humarines and other extreme weather events on our communities and other costal assets. The annual losses associated with these events are currently estimated at approximately 512 billion. Thanks to the resources made available through the RESTOR EAct, there is an unprecedented opportunity to restore the Gulf, to strengthen untractive and endormal content of the RESTOR EAct, there is an unprecedented opportunity to restore the Gulf, to strengthen our tractice menging market scienteed on															
				environmental restoration. Costal restoration projects will create new business for a wide variety of firms in the engineering, construction, transportation, and manufacturing sectors, generating demand for more workers across these sectors. As a result there will be new opportunities for employment of Gulf Coast residents, which will increase as involative technologies are developed and exported out of the region. Further, the restoration of the Gulf of Mexico will draw more visitors to our beacher and towns, promote thriving fisheries, and make our communities more resilient in the face of fluet storms and as level rise.															
				These benefits can only be realized with a significant investment of RESTORE Act funds into ecosystem restoration projects. A recent study conducted by Mahter Conomic sestimated that investing these of soll penahy funds into ecosystem restoration projects could create 77.633 new jobs over 50 years. We, therefore, encourage you to invest a substantial amount of the oil soll penahy funds from the RESTORE Act into these types of projects, which will read the mammum benefits for the long-term prospectry of our region. Additionally, we believe it is acouble colicy for firms involved in ecosystem restoration consists to work in anteneshib with diafibionally. we believe it is acouble colicy for firms involved in ecosystem restoration consists to work in anteneshib with additionally.															
Workforce Development	t 1589	8/2/2011	Maritime & Seafood Industry Museum Expansion with Restoration Initiatives	(DRGMAL IDD763)The Martime & Seafood inductry Museum located on PL Codet, Harrison County, Bloal, Morres as a Mississipp Guil Coart region, and for the grait state of Mississipp. The Museum was established in Morch 1986 to preserve and interpret the narritem history and her the grait state of Mississipp. The Museum was established in Morch 1986 to preserve and interpret the narritem history and her the grait state of Mississipp. The Museum was established in Morch 1986 to preserve and the marking history and the Mississipp Calif Coast, which cannot be provide inductive the Museum has been receiptive for the interpretation of Mississipp are under locat, which cannot be not preserve exhibits, the replicated saling schooners, the educational program, the schooner pier complex, and the research collections have prove initiable to the citerery of Mississips are and an antional al entitational citerate. Special programs held within the museum, has seen 1 Educated on regional and national television. The Museum expanded another 8,000 s.g.t. in schools schools schools and the school of the school schools school schools schools and the research collections for 1986. Which was destroved by Hurriane Katrin. The net three story 20,000 s.g.t. In usuare more housed another 8,000 s.g.t. for some schools and the school sch	Harrison	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	ę	5 7,549,504.00	\$ -		
Workforce	1666	1/20/201/	Three Divers Dd Widening	experience and ensures their return. Recently published reports from the American Alliance of Museums, show indisputable evidence that museums are true Located immediately noth of a 0.5 mile stretch of a four lane section of Three Rivers Rd (from Creosote Rd to Seaway Rd), the	Harrison	Yes	No	Yoc	100	Yes	No	No	No	Yes		5,000,000.00			
Workforce Development		1/20/2014	Three Rivers Rd Widening	buik of the approximately 1.25 mile stretch of Three Rivers Rid between the industrialized Serway Rid and Dedeaux Rid is two lanes with no center turn lane. This commercial corridor is vital to the City of Guifport economy as Three Rivers Rd provides direct access between the Guifport-Billowi international Airport and many commercial developments, and between the airport and Dedeaux Rd.	Harrison	Yes	NO	Yes	100	Yes	NO	NO	NO	Yes		\$ 5,000,000.00	\$ -		
				This project seeks to widen this 1.25 mile stretch from the existing two lane road to a proposed four lanes with a center turn lane. Combined with the Dedeuta MV devineing project currently under design, with rearbly contructed projects, and with other already-funded design projects in the area, this project will be the last leg of 3-laning all main collector roads on the heavily-commercialized north side of the alregort. The concomo kenefts of the road widening in this area will be realized with the potential for new businesses and tax revenues also bringing needed plots to the area. The quality of life improvements for these businesses and local resistems will be seen in less congreted and safer condways. It will also beneft community-resilience due to increased flood risks associated with sea-level rise by encouraging development in portions of the city that are generally the public and tourists to access recreational areas as there are two campgrounds on this stretch of road offering approximately 70 campites. This project improves public access to recreational activities by providing a connecting sidewalk between Seaway Road and															
				Defeaux road. These pedestrian and bike paths will be the last section needed to connect the Beach all the way to the Crossroads development.															
Workforce Development	1671 t	1/20/2014	Canal Rd/28th St Elevated Tank and Water Main	Located at the intersection of 28th 51 and Canal M forer the vestem corporate limits of the City of Gulfport, immediately north of the Navai Construction Battalion Center (NEB) of Gulfport, this project seeks to install a new deviated storage tank to replace the existing 75,000 gallon tank in the area. This project will also provide new public water mains along Canal Rd to strengthen existing infrastructure.	Harrison	Yes	No	Yes	100	Yes	No	No	No	No	ļ	3,500,000.00	Ş -		
				The proposed water tank and water infrastructure will provide more capacity and more reliable service for the CTU of Gulfport system. With proposed Navy Base upgrades and expansions combined particularly with the needs of the nearly Port of Gulfport expansion, upgrades to the exactly water system are imperative for the CTU to provide adjust service to all existing and proposed customers in order to encourage not stille economic development. This project will provide an immediate pressure and capacity upgrade to allow for uninterrupted service to existing and future customers, allowing for future business in the area resulting in more tax revenue for the CTU, more jobs for its citzens, and more utility customers.															
Workforce Development	1676 t	1/20/2014	MS 605/Lorraine Rd St Lighting at Seaway Island	The length of Lorrane Rd (MS 60) along Seaway island currently has no street lights. However, both the south side and north- side of Seaway islands are well III. This section of non-contiguous lighting on Seaway island has created less desirable conditions for commercial development. This project proposes to install street lights along Lorraine Rd the length of Seaway Island (from Kramer Marina to Industrial Seaway). This better vibility during evenings should encourage more businesses to develop the many existing vacant lots resulting in jobs for the community and tax revenue for the CIV. This project will also improve the quality of life for local results and business by increasing slately daving Lorraine.	Harrison	Yes	No	Yes	100	Yes	No	No	No	No	\$	650,000.00	ş -		

Workforce Development	1677	1/20/2014	Gulfport Sportsplex Expansion	The City of Colliport's Sportpalse is strategically located meet the northwest corner of the buys intersection of Interstate 10 and highing vig Concession, restroom, maintenance, etc.), associated infortunctive, and an area located to Call Slands Waterpark. The 2013, this feating directly produced meets vig Sland S	Harrison	Yes	No	Yes	100 Yes	No	No	No	Yes		\$ 15,000,000.00	Ş -		
Workforce Development	1678	1/21/2014	O'Neal Rd Widening	The City of Gulfport has been experiencing rapid growth north of I-10. In order to accommodate this growth and make the area attractive to future residents and businesses, uggrades to circulation are required. One area of interest is O4E**** Neal Rd, a may easily west throatyphate connecting MS 650 with My 49. An existing one mile stretch of OYael Rd between Three Rives Rd, and Flat Branch is a two lane coad with no center turn lane and no curb and guitter no this lister. This project proposes to widen this heavily developed stretch to a proposet two lanes and a center turn lane with curb and guitter no this lister. This is adjection would then match the road section to the west from Hwy 49 to Flat Branch Creek, completing road widening between Hwy 49 and Three Rives Rd. The read with no center turn lane and no curb guitter no this lister. This is adjection would then match the road section to the west from Hwy 49 to Flat Branch Creek, completing road widening between Hwy 49 and Three Rives Rd. The read with no remements from travel lanes. Furthermore, the increased traffic flow and capacity would entice new development and provide for future tax revenues for the City. This project is vital to provide an important east/west connection between US Hwy 49 and MS 605 which will in turn decongest clogged traffic routes north of 1-10. It will increase community-resilience by torviding a critical link between US 49 and MS 605 for emergency execution preparedress. It will also beneficience we to increased for divis associated with se-lower stretch or the route route of 1-10. It will increase community-resilience by torviding a critical link between US 49 and MS 605 for emergency execution preparedress. It will also beneficience we to increase for divis associated with se-lower link evenceming near the 1-10.	Harrison	Yes	No	Yes	100 Yes	No	No	No	Yes		\$ 10,000,000.00	Ş -		
Workforce Development	1712	12/24/2015	BP for restoring the gulf fisheries	The program will address fishery management needs in the Gulf of Mexico for the commercial, CFH and the recreational angles. This 'BlueFirm for Restoring the Gulf Tsinkres' multiple lost if not funded. This program will provide help with discards of reef fish, provide Seafood for the Consumer and provide a pilot program. To test a method that will allow angles the opportunity to fish all year for red snapper and grouper. This program will also allow the opportunity to study behavioral science. This program will address accountability and sustainability of our coastal marine resource and those that rely upon the resource for food, jobs and pleasure. The programs infrastructure contain many components. This program will allow the test design. A full proposal will be submitted if the council feels they are intersted in a program that would neet negate the regular depensesion. It would be leased from the present commercial quotas on that would not inpact that the regular depensesion. It would also callect data that is presently missing and needed incode to have a sustainable fishery for years to come. It will coal 3J2 million to lease the fish for the pilot study. The remaining amount will be spent on outreach. Forms, Techs. Tags <i>P</i> , analysise L.	Harrison,	ł Yes	Yes	Yes	15 Yes	Yes	Yes	Yes	Yes	Data need	\$ 5,000,000.00	Ş -		
Workforce Development	1735	6/13/2013		With over 6 miles of interstate frontage, the City of Gautier only has access to 2 interstate interchanges. At these interchanges, the only opportunity for interstate frontage development is that the northeast corner of fighway 57/interstate 10. One large development is that is an underway and an other existing development is that the northeast corner of fighway 57/interstate 10. One large development is that are as underway and an other existing development is that an and that are as underway and an other existing development is that advecting. The likewide Medical Complex will be over 100000 square feet with an ambulatory center, located on 15 acres of land. The City has adopted a matter plan for the antized part of the installation of a water tank, fiber optics and utilities in order to provide adequate levels of surface for the anticipated growth in this area. See the attached Schibit showing the Master Plan for the area. The project will provide new streets, dimange, utilities, lighting, a multi-use pathway and recreational amenties around the existing lake, and other related improvements.	Jackson	Yes	No	Yes	100 Yes	No	No	No	Yes		\$ 25,000,000.00	\$ -		
Workforce Development	1781	3/21/2014	Transportation Improvements	This project will improve McClelland, Tucker, and Seaman Roads by expanding the existing roadway design. A new 1-10 collector will also be constructed. McClelland Road improvements will expand the existing 2-lane to a 4-lane road in order to create a strong network of transportation routes from 1-10 to the Sportgles. Tucker Road improvements will expand the existing 2-lane to a 3-lane road between McClelland to Dalay Vetry. Seaman Road improvements will expand the existing 2-lane to a 3-lane road between Inducelland to Dalay Vetry. Seaman Road improvements will expand the existing 2-lane to a detween Tucker and Jordan. The 1-10 Collector project will create a new road between Tucker and the county fine, this will connect the Sportsplex area to the neighboring county and D'Iberville hopping center along Promende plavy/Mallet Road. The goal of this project is to promote commic development through infrastructure improvements. The project will help connect tourists and tournament guest to other shopping and dining areas a well as allow for expansion of the current shopping area into Jackson Courty.	Jackson	Yes	No	Yes	Yes	No	No	Yes	Yes		s -	Ş -		
Workforce Development	1784	3/21/2014	Moss Point Open-Air Market	This project will create a space near the Riverfront Community Center that will house a open-air farmers market. The amenities will include a marquee that houses stalls for venders to sell wares, a pincin area, and restroom facilities. The market will serve to showcase local artisma and small businesses, enriching the quality of II in in Nos Point as well as promoting economic development along the Greenway. The market will serve as a point of Interest and generate tourism. The goal of the Moss Point Open-Air Market will be to serve as an andro in the community by providing access to fresh locally grown food, generate support for the local economy, and increase healthy lifestly opportunities.	Jackson	Yes	No	Yes	Yes	No	No	Yes	Yes		\$ -	\$ -		
Workforce Development	1787	3/21/2014	Jackson County Scenic Water Trail, North Trailhead	This trainlead project will consist of a trail head with public boating access, waiking trail, heritage museum and outpost. The Carter Lake Frishing Outpost will restore Carter Lake and provide recreational fishing near the Northern Trailhead. The Pascagoula Water Trail Cultural and Bescher Cherter will create an interactive culture and science center. The cultural center will focus on the native American culture for which the region derives its name and the science center will highlight conservation effects of natural willed many the efforts of the Pascagoula Water Tail a wall glimpse. This center will serve as the primary information center for the entire trail. The North Trailhead Walking Trails will consist of waiking trails adjacent to the river trail and Research center. This provides visitors not gling on the water trail a wall glimpse tits cance, and other watercard rentist loss visitors. North Trailhead doxt Lanorth full cente a boat range from which visitors to the Norther Trailhead can start down the Water Tail. Pascagoula River Escenic Watter Trail Campground will create a campground along the water trail open to both therst and Rivs, extending the stary of visitors to the actor. Mar Marcies Rosa and Ceater Ceek will be improved from the wisting 2-lane road to a 3-lane to handle increased traffic volume to the North Trailhead. Pascagoula River Trail Road will be constructed as a new road tying Cedar Creek to the North Trailhead.	Jackson	Yes	No	Yes	Yes	Yes	No	Yes	Yes		\$ -	\$ -		

Workforce						1								1 1				
Development	1841	5/14/2014	Design and construction of overnight lodging and	GCRL offers a range of over-night and short-term lodging for visiting scientists, and visiting teachers and students participating in the various programs offered by the Marine Education Center. In 2013, the availability of overnight lodging was a direct	Jackson	Yes	No	Yes	100	lo Ye	s No	No	No	1	\$ 3.35	\$ -		
Development			expanded dining capacity	determinant of the number of participants in the Marine Education Center programs, as all available beds were filled. An														
			supporting the Marine	ongoing economic feasibility study shows the potential for the MEC to increase its current participant numbers to double its														
			Education Center	existing capacity with the addition of appropriate lodging on the Halstead Campus. The additional of lodging at Halstead will support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for														
				support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and retreat programs for small science professional and academic groups. Additionally, several of the MEC候s														
				educational partners have indicated a similar need for appropriate housing compatible with their program audiences. These														
				partners include The National Park Service, The Grand Bay National Estuarine Research Reserve, the Pascagoula River Audubon														
				Center, the Ocean Springs Chamber of Commerce, the Mary C. O候Keefe Cultural Center and the Walter Anderson Museum of														
				Art. Partnering with these organizations provides additional housing markets and professional program growth opportunities. The construction project proposed will at accommodations for 80.														
				The GCRL dining facility is equivalently taxed. Maximum capacity has been reached on a number of occasions in 2013.														
				Expansion of the MEC program will require an expanded ability to feed participants commensurate with the expanded lodging														
				capability on the Halstead Campus.														
				Location (City, County): Ocean Springs, Jackson, GCRL Halstead Campus Infrastructure cost (# years): \$3.345 million														
				Annual Operation & Maintenance Cost (# years): GCRL manages its lodging on a cost recovery basis. Day rates cover custodial,														
				power, water, sewer, maintenance/upkeep, and bedding/furniture replacement. No additional financial resources will be														
				required to support the expanded lodging capacity. How will this leverage with other RESTORE priority areas or non-RESTORE funds?: GCRL expects that lodging will provide a														
				vehicle to dramatically expand (a) our Marine Education program, (b) the use of our facility to accommodate professional														
				groups participating in retreats and think tank programs, and (c) expanded outreach partnerships with e.g., The National Park														
				Service, The Grand Bay National Estuarine Research Reserve, and the Pascagoula River Audubon Center.														
				Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce development and training, etc.): The project will permit USM to dramatically expand its Marine Education, outreach, and														
				professional enhancement programs. These activities will expand the view of Ocean Springs and surrounds as a location for														
Workforce	1843	5/14/2014	Development of an	The project will provide research, development, and technology transfer to develop an aquaculture-based bait industry for	Jackson	Yes	No	Yes	50 Y	es Ye	s Yes	No	No	1	\$ 2.00	s -	+	
Development			Aquacultured bait industry	south Mississippi. Many recreational fishermen were severely affected by a combination of Hurricane Katrina, the BP oil spill,														
			for Mississippi	and increased fuel costs. Not only have many for-hire owners and operators lost their livelihoods, but so to have deck hands														
				and live bait suppliers. To help alleviate these seafood related job losses, we propose to develop of an aquaculture-based bait industry in south Mississioni. We will do this through a three-stage approach. 1) research and development. (2) technology														
				transfer through training, and (3) onsite extension assistance. Four species are targeted, each at a different point in the technical														
				development. Bull minnows are the furthest along and stages 2 and 3 can be implemented immediately. Gulf white shrimp, blue														
				crabs, and croaker all need some technology development before implementation of stages 2 and 3. Training of local commercial fisherman will be accomplished through the design and construction of demonstration systems for														
				the rearing of local commercial insterman will be accomplished through the design and construction of demonstration systems for the rearing of bull minnows in ponds at the Lyman Fish hatchery, and bait shrimp, crabs and croaker at the Cochran Marine														
				Aquaculture Center at the Gulf Coast Research Lab. Training will include: 1) design and function of ponds and closed-system														
				components (how to build a system), 2) importance of appropriate filtration and a rudimentary understanding of the														
				nitrification process, 3) water quality parameters and how to measure them, 4) acceneed to knowacifacts about the biology of														
				the species being cultured, and 5) trouble-shooting the system. Certificates of Completion will be awarded to program participants that complete the training course(s). In addition to the certificates awarded, a dedicated technical support person														
				will work with interested individuals to help them modify and upgrade their facilities.														
				Location (City, County): Headquartered at GCRL in Ocean Springs (Jackson County).														
				Infrastructure cost (# years): \$1 million (2 yrs) Annual Operation & Maintenance Cost (# years): \$1 million (5 yrs)														
				yunual operatori a mantenance cost (wyears). 51 minor (5 yrs)														
				How will this leverage with other RESTORE priority areas or non-RESTORE funds? Development of an aquacultured Bait industry														
				for Mississippi addresses economic development. The facilities for implementation of the program are already available and														
				require only slight modifications to the ponds at the Lyman Fish Hatchery and the Cochran Marine Aquaculture Center. Once														
				require only slight modifications to the ponds at the Lyman Fish Hathery and the Cochran Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce														
Workforce	1865	6/9/2014		require only slight modifications to the ponds: at the Lyman Fish Hatchery and the Cochran Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce P accessing an elevated boardwalk the estuary becomes a living laboratory, information stations educate and monitor bird	Hancock	Yes	Yes	Yes	80 1	es Ye	s Yes	No	Yes		\$ 5,720,500.00	\$ -		
Workforce Development	1865	6/9/2014	Restoration, Stabilization	require only slight modifications to the ponds at the Lyman Fish Hathery and the Cochran Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce	Hancock	Yes	Yes	Yes	80 Y	es Ye	s Yes	No	Yes		\$ 5,720,500.00	\$ -		
	1865	6/9/2014		require only slight modifications to the ponds: at the Lyman Fish Hatchery and the Cochran Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevated boardwalk the estuary becomes a living laboratory. Information stations educate and monitor bird populations, nest areas and health of various wetland plants and ultimately water quality.	Hancock	Yes	Yes	Yes	80 1	es Ye	s Yes	No	Yes		\$ 5,720,500.00	\$ -		
	1865	6/9/2014	Restoration, Stabilization and Sustainability Project -	require only slight modifications to the ponds: at the Lyman Fish Hatchery and the Cochran Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce P accessing an elevated boardwalk the estuary becomes a living laboratory, information stations educate and monitor bird	Hancock	Yes	Yes	Yes	80 Y	es Ye	s Yes	No	Yes		\$ 5,720,500.00	\$ -		
Development			Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail	require only slight modifications to the ponds at the Lyman Fish Hathery and the Cochran Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevand to Economic Development (e.g., new construction, new employment opportunities, workforce In conclusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality.		Yes		Yes			s Yes	No	Yes			\$ -		
Development	1865		Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail Diamondhead Ecosystem	require only slight modifications to the ponds: at the Lyman Fish Hatchery and the Cochran Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevated boardwalk the estuary becomes a living laboratory, information stations educate and monitor bird populations, next areas and health of various wetland plants and ultimately water quality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, safedog participation and water quality. This project consist of a marine education center, a 9 mile kayak route and a 1 mile hiking and biking trail that will provide	Hancock	Yes	Yes	Yes	80 Y 40 Y		s Yes	No	Yes		\$ 5,720,500.00	\$ - \$ -		
Development			Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail	require only slight modifications to the ponds at the Lyman Fish Hathery and the Cochran Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevante bachwalk the estuary becomes a hiving laboratory, information stations educate and monitor bird populations, next areas and health of various wetland plants and ultimately water quality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality.		Yes		Yes			s Yes s Yes	No	Yes			ş - ş -		
Development			Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Marine Education and	require only slight modifications to the ponds at the Lyman Fish Hathery and the Cochran Marine Aquasculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevante backmake the estuary becomes a thing laboratory, information stations educate and monitor bird populations, nest areas and health of various wetland plants and ultimately water quality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality.		Yes		Yes			s Yes s Yes	No	Yes			ş - ş -		
Development			Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project -	require only slight modifications to the ponds: at the Lyman Fish Hatchery and the Cochran Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevated boardwalk the estuary becomes a living laboratory, information stations educate and monitor bird populations, next areas and health of various wetland plants and ultimately water quality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, safedog participation and water quality. This project consist of a marine education center, a 9 mile kayak route and a 1 mile hiking and biking trail that will provide marine education and restore nature recreation. Identifies copress, tupelo gum, fresh water, brackish water, saline marsh, environment Through education, information and monitoring stations at stratices for an income to a stratement environment through education, information and marker quality.		Yes		Yes			s Yes s Yes	No	Yes			ş - ş -		
Development			Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Marine Education and	require only slight modifications to the ponds at the Lyman Fish Hathery and the Cochran Marine Aquasculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevante backmake the estuary becomes a thing laboratory, information stations educate and monitor bird populations, nest areas and health of various wetland plants and ultimately water quality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality.		Yes		Yes			s Yes	No	Yes			\$ - \$ -	- -	
Development		6/9/2014	Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Marine Education and	require only slight modifications to the ponds at the Lyman Fish Hathery and the Cochran Marine Aquasculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevante backmake the estuary becomes a thing laboratory, information stations educate and monitor bird populations, nest areas and health of various wetland plants and ultimately water quality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality.				Yes			s Yes s Yes s Yes	No No Yes	Yes			ş - ş -		
Development Workforce Development	1866	6/9/2014	Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail Diamonthead Ecosystem Restoration, Stabilization and Sustainability Project Marine Education and Recreation Restoration	require only slight modifications to the ponds at the Lyman Fish Hatkey and the Cocknan Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevanet boerdwalk the estuary becomes a living laboratory, information stations educate and monitor bird populations, net areas and health or divisors wettand plants and ultimately used equality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality. This project consist of a marine education center, a 9 mile kayak route and a 1 mile hiking and biking trail that will provide marine education and restore nature recreation. Identifies cypress, tupelo gam, fresh water, brackin water, saline marsh, encolusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality.	Hancock			Yes Yes Yes			s Yes s Yes s Yes s Yes	No No Yes	Yes Yes Yes		\$ 1,370,500.00	\$ - \$ -		
Development Workforce Development Workforce	1866	6/9/2014	Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Marine Education and Recreation Restoration The Economic Impact of Alternative Numeric Nutrient Criteria on	require only slight modifications to the ponds at the Lyman Fish Hatkey and the Cocknan Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevanet boerdwalk the estuary becomes a living laboratory, information stations educate and monitor bird populations, net areas and health or divisors wettand plants and ultimately used equality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality. This project consist of a marine education center, a 9 mile kayak route and a 1 mile hiking and biking trail that will provide marine education and restore nature recreation. Identifies cypress, tupelo gam, fresh water, brackin water, saline marsh, encolusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality.	Hancock			Yes Yes Yes			s Yes s Yes s Yes	No No Yes	Yes Yes Yes		\$ 1,370,500.00	\$ - \$ -	-	
Development Workforce Development Workforce	1866	6/9/2014	Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail Diamonthead Ecosystem Restoration, Stabilization and Sustainability Project Marine Education and Recreation Restoration	require only slight modifications to the ponds at the Lyman Fish Hatchery and the Cocknan Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevanet Development (e.g., new construction, new employment opportunities, workforce Information relevant to Economic Development (e.g., new construction, new employment opportunities, and and monitor bird populations, net areas and health or drivous vestural plants and ultimately water quality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality. This project consist of a marine education center, a 9 mile kayak route and a 1 mile hiking and biking trail that will provide marine education and extore nature recreation. Identifics cross, tupelog gum, fresh water, brackib water, saline marsh, environment through education, information and nonitoring stations at strategic locations along the 9 mile route. In conclusion the project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality.	Hancock			Yes Yes			s Yes s Yes s Yes	No No Yes	Yes Yes Yes		\$ 1,370,500.00	\$ - \$ - \$ -		
Development Workforce Development Workforce	1866	6/9/2014	Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Marine Education and Recreation Restoration The Economic Impact of Alternative Numeric Nutrient Criteria on	require only slight modifications to the ponds at the Lyman Fish Hatkey and the Cocknan Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevanet boerdwalk the estuary becomes a living laboratory, information stations educate and monitor bird populations, net areas and health or divisors wettand plants and ultimately used equality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality. This project consist of a marine education center, a 9 mile kayak route and a 1 mile hiking and biking trail that will provide marine education and restore nature recreation. Identifies cypress, tupelo gam, fresh water, brackin water, saline marsh, encolusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality.	Hancock			Yes Yes			s Yes s Yes s Yes s Yes	No No Yes	Yes Yes Yes		\$ 1,370,500.00	\$ - \$ -		
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Development Workforce Development Workforce	1866	6/9/2014	Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Marine Education and Recreation Restoration The Economic Impact of Alternative Numeric Nutrient Criteria on	require only slight modifications to the ponds at the Lyman Fish Hatchery and the Cockran Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Itiomation relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevated backwalk the estuary becomes a living laboratory, information stations educate and monitor bird populations, nest areas and health of various wetland plants and ultimately water quality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality. This project consist of a marine education center, a 9 mile kayak route and a 1 mile hixing and biking trail that will provide marine education and restore nature recreation. Identifies cryses, tupelog pum, fresh water, slaine marsh, environment through education, information and monitoring stations at strategic locations along the 9 mile route. In conclusion they reject stimulates and use in the sequence of the sequence of the second on the second on the second on the 9 mile route. In conclusion they reject stimulates public interest and support as well as educations and participation in recreation information, safebod participation and water quality. *Project Partner - Mississippi Farm Bureau Federation* Research Goal The overall goal of this research is to better understand how Atternative Numeric Nutrient Criteria (INNC) can impact Mississippi (MS) communities, we finde the communities, For each sector, the cost of adapting to a newly proposed NNC will be estimated. <i>Tor eavenilis</i> user marking the advisor finderic da adaptice of adapting to a newly proposed NNC will be estimated. <i>Tor eavenilis</i> we cost os to standards yous of adapting to a newly proposed NNC will be	Hancock			Yes Yes			s Yes s Yes s Yes	No No Yes	Yes Yes Yes		\$ 1,370,500.00	\$ - \$ -		
Development Workforce Development Workforce	1866	6/9/2014	Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Marine Education and Recreation Restoration The Economic Impact of Alternative Numeric Nutrient Criteria on	require only slight modifications to the ponds at the Lyman Fish Hatchery and the Cocknan Marine Aquasculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce by accessing an elevated boardwalk the estuary becomes a bliving luboratory, information stations educate and monitor bird opulations, nest areas and health of various wetland plants and ultimately water quality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality. This project consist of a marine education center, a 9 mile kayak notes and a 1 mile hiking and bling trail that will provide marine education and restore nature recention. Identifice corpores, tupelog pun, recent water, saine marsh, environment through education, information and monitoring stations at strategic locations along the 9 mile route. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality. **Project Partner - Mississippi Farm Bureau Federation* Research Goal The overall goal of this research is to better understand how Alternative Numeric Nutrient Criteria (NNC) can impact Mississippi (MS) communities. We include agriculture, urban storm water, septic, municipal watewater, industrial and state resource agrices as the affect sectors in three communities. For each sector, the cost of adapting to a marky proposed NVC will be estimated. For example, we propose to estimate the cost of such standards upon the agricultural as ectors and a regional and	Hancock			Yes Yes			s Yes s Yes s Yes	No No Yes	Yes Yes Yes		\$ 1,370,500.00	<u>s</u> -		
Development Workforce Development Workforce	1866	6/9/2014	Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Marine Education and Recreation Restoration The Economic Impact of Alternative Numeric Nutrient Criteria on	require only slight modifications to the ponds at the Lyman Fish Hatchery and the Cockran Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevated backwalk the estuary becomes a living laboratory, information stations educate and monitor bird populations, nest areas and health of various wetland plants and ultimately water quality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality. This project consist of a marine education center, a9 mile kayak route and a 1 mile hiking and biking trail that will provide marine education and restore nature erceration. Identifice coressi, tupelog um, fresh water, brackshwert, salme markh, environment through education, information and monitoring stations at strategic locations along the 9 mile route. In conclusion the project stimulates usible interest and support as well as educations and participation in recreation information, seafood participation and water quality.	Hancock			Yes Yes Yes			s Yes s Yes s Yes	No No Yes	Yes Yes Yes		\$ 1,370,500.00	\$ - \$ -		
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Development Workforce Development Workforce	1866	6/9/2014	Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Marine Education and Recreation Restoration The Economic Impact of Alternative Numeric Nutrient Criteria on	require only slipht modifications to the ponds at the Lyman Fish Hatchery and the Cockran Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevante to Economic Development (e.g., new construction, new employment opportunities, and monitor bird populations, net areas and health of various wettand plants and ultimately water quality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality. This project consist of a marine education center, a9 mile kayak route and a 1 mile hixing and biking trail that will provide marine education and exteror nature recreation. Identifice corpores, tupelog gum, fresh water, brackith water, slaine marsh, environment through education, information and nontoring stations at strategic locations along the 9 mile route. In conclusion the project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality.	Hancock			Yes Yes			s Yes s Yes	No No Yes	Yes Yes Yes		\$ 1,370,500.00	<u>s</u> -		
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Development Workforce Development Workforce	1866	6/9/2014	Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Marine Education and Recreation Restoration The Economic Impact of Alternative Numeric Nutrient Criteria on	require only slipt modifications to the ponds at the Lyman Fish Hatchery and the Cockran Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevated boardwalk the estuary becomes a living laboratory, information stations educate and monitor bird populations, next reas and health or divious wettand patient and ultimately water quality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, safood participation and water quality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, safood participation and water quality. Than education and restorn nature recreation, leastflies ciprosa, tugelo gun, fresh water, brackish water, safor evolvement through education, information and monitoring stations at strategic locations and participation in recreation information, safood participation and water quality. **roject Partner - Mississippi Farm Bureau Ederation* Research Goal The overall goal of this research is to batter understand how Alternative Numeric Nutrient Criteria (NNC) can impact Mississippi Mississippi Gramme and the control information, segregated across control and strateging and state level economic impact naisyses will follow. The NNC to be examined in this study have been proposed by the MS Department of howmonental Quality (MOC) under the Evolution and the granget advisors) and expressions and a regional and state level comonic impact analyses will follow. The NNC to be examined in this study have been proposed by the Florida Water Quality. Research Study Area	Hancock			Yes Yes			5 Yes 5 Yes 5 Yes	No No Yes	Yes Yes Yes		\$ 1,370,500.00	\$ - \$ -		
Development Workforce Development Workforce	1866	6/9/2014	Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Marine Education and Recreation Restoration The Economic Impact of Alternative Numeric Nutrient Criteria on	require only slipt modifications to the ponds at the Lyman Fish Hatchery and the Cockran Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevanet becomes in a living laboratory, information stations educate and monitor bird populations, net areas and health of various wettand plants and ultimately water quality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality. This project consist of a marine education center, a9 mile kayak noute and a 1 mile hixing and biking trail that will provide marine education and exteron nature recreation. Identifice corpores, tupelog gum, fesh water, brackith water, slaine marsh, environment through education, information and nonitoring stations at strategic locations along the 9 mile noute. In conclusion the project stimulates public interest and support as well as education and participation in recreation information, seafood participation and water quality.	Hancock			Yes Yes			s Yes s Yes	No No Yes	Yes Yes Yes		\$ 1,370,500.00	\$ - \$ -		
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Development Workforce Development Workforce	1866	6/9/2014	Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Marine Education and Recreation Restoration The Economic Impact of Alternative Numeric Nutrient Criteria on	require only slipt modifications to the ponds at the Lyman Fish Hatchery and the Cockran Marine Aquaculture Center. Once the program is fully implemented there will be a sustainable industry developed. Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce By accessing an elevated boardwalk the estuary becomes a living laboratory, information stations educate and monitor bird populations, next reas and health or divious wettand patient and ultimately water quality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, safood participation and water quality. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, safood participation and water quality. Than education and restorn nature recreation, leastflies ciprosa, tugelo gun, fresh water, brackish water, safor evolvement through education, information and monitoring stations at strategic locations and participation in recreation information, safood participation and water quality. **roject Partner - Mississippi Farm Bureau Ederation* Research Goal The overall goal of this research is to batter understand how Alternative Numeric Nutrient Criteria (NNC) can impact Mississippi Mississippi Gramme and the control information, segregated across control and strateging and state level economic impact naisyses will follow. The NNC to be examined in this study have been proposed by the MS Department of howmonental Quality (MOC) under the Evolution and the granget advisors) and expressions and a regional and state level comonic impact analyses will follow. The NNC to be examined in this study have been proposed by the Florida Water Quality. Research Study Area	Hancock			Yes Yes			5 Yes 5 Yes 5 Yes	No No Yes	Yes Yes Yes		\$ 1,370,500.00	\$ - \$ -		

Workforce Development	204		Coastal Preserve Management Needs	This project consists of updating survey data and boundary markings throughout the Coastal Preserves. Given the current size of the Coastal Preserves (37,000 acres) and the current cost of surveys on large undeveloped paretis (approx. 550 per acre), the basic budget for this work could exceed 37 million dollars by the time additional lightics for marker own are included. This project would resurvey and mark boundaries to federal standards. Project benefits would be as follows: a. This requested budget could indus verys of approximately 40,000 acres of current and incoming Coastal Preserves and. Using an average paret size of 200 acres, this would mean approximately 24,000 acres to providing roughly 6,000 mark days of work or this would create endytoment opportunities for local surveying contractors by providing roughly 6,000 mark days of work or techniques i needed for marking the long-term health of the Coastal Preserves (such as spreached from instanting the long-term health of the Coastal Preserves (such as spreached for marking work) solutionates to exist for most surveying class data costs on adjoining land. For example, adjoining Ind in shift-ulture may not benefit from the same type of burning require for erclogical/habitat management, and any damage, whether real or perceived, could pose a potential liability for the State.	Hancock,	H Yes	Yes	No		No	No	No	No	No	Yes	\$ 2,250,000.00		
Workforce Development	210	4/1/2015	Conservation Demonstration Working Farm	Thanks to numerous concervation innovation practices, as stewards of the land we are doing a much better job than in the past. As urban spraw and demands for our natural resource continues to increase, we need a form to doemostrate these new concervation advances to the public. A working demonstration fam would not only benefit consumers of natural resources but also the producers of those resources and others. Start The FarmAGRould be utilized in multiple ways to exhibit conservation practices, farmers would be shown cutting edge faming practices that would benefit the environment while at the same (the benefits) their body start will take advantage of the facility to better understand the nature habitats and the methods that are being used to hand the growing use of them todays. Schools will be able to expose children to where the food and fiber that twy consume daily consers from and what it takes to get those products to them. Researchers will continue to explore new mechanisms that will ali in concensation. The CMSWCP would like the opportunity to establish a device.new to the spraws there are just a flew of the excites that & Karthe FarmáGRouid be of use to the public in its understanding of conservation. The CMSWCP would like the opportunity to establish a device.new that deplays of hourself. The CMSWCP would like the opportunity to establish a device.new that deplays of hourself. The Low SUCP would like the opportunity to establish a device.new that deplays of hourself. The Low SUCP would like the opportunity to establish a device.new that deplays of hourself. The low SUCP would like the opportunity to establish a device.	Harrison,	P Yes	Yes	Yes		Yes	Yes	No	Yes	Yes		\$ 5,000,000.00	\$ -	
Workforce Development	214	1/1/2015	Satamble Gulf Cast Oyter Restoration and Castal Protection values Cantal Oyter Hatcheres and Gulf State Remote Setting Sites	In the face of poor spat ets. Iso wharvests and etching gyster populitors, in ewa approach is needed to restore crysters and the communities that depend on them. We appose a comprehensive long-ferm oyster restorting final that restores habital, improves water quality, investibulies the economy of the Guif cryster community, replensible. Iving coastal and mainter essources and enhances community resiliency by retrainating the Guif cryster community, replensible. Iving coastal and mainter essources and enhances community resiliency by retrainating the Guif cryster industry economy. This will be accompliable by massively expanding and adaptive management. This project will enhance and restore cryster populations throughout the region, providing significant ecosystem services (e.g., cations acquestion, introgen ennous), habitat for ling marine resources and cultural) and encourge community resilience through long-term sustainable economic growth and job creation. The region-wide project will: 1. Use existing copiet matchers of building or specific and the second secon	Gulf of M	Ie Yes	Yes	Yes	28	Yes	No	Yes	Yes	No			. \$ -	
Workforce Development			Established of an Alga- for-Aquachture Center for Mississippi	PI or this Project: DL Godion Camon, Vice President for Research USM. The global population is rapidly increasing and is expected to surpass rine billion by 2050. As the population continues to grow, the ability for the world to feed Isteff will become increasingly more difficult. Environmental factors and limitations on water, and, energy, and bert vial resources will further starss food production throughout the world. Neutechnologies that do not compete with current human food production resources are urgently needed to support the growing food demand. Fish are a major source of high-protein food, and the demand for fish is increasing eworld for fish, so aquaculture production must continue to expand to bridge the growing gap between what the oceans can provide and what the world domands. High-protein fish require high-protein fields, and fishmalt, the primary source of protein mainer species ¹ / ² . dets, and production must continue to expand to bridge the growing gap between what the oceans can provide and what the world domands. High-protein fish require high-protein dist, and fishmalt, the primary source of protein in fish, so aquaculture production is upper high that is derived from the world ¹² ²⁴ oceans. Thus, to support continued aquaculture expansion, a new public of number of number of supplement (source species have protein linesci to markes species ¹²⁴ . dets, 13 domains growing for and discource encreasing to an optic species filters and gab homes yorldvarch. Thus, the linesci to fourther histissippi (USM), through his Gaif Coast Research Laboratory (GRL) and That Coartran Marine Aquaculture changes and the coarts and the value of appring headed. How the specific provide and gabacent expective necessary to understand aquage bust has class of the provide half of southern Hississippi (USM), through his Gaif Coast Research Laboratory (GRL) and That Coartran Marine Aquaculture changes and utiling GAA ^{4/4} existing technology win the coartist on depriment and approvide of t	Jackson,H		Yes	Yes		Yes	Yes	Yes	Yes	Yes		\$ 12,000,000.00		
Workforce Development Workforce			Mississippi Gulf Coast Marketing Campaign	The Mississippi Gulf Coast was hard hit by the 2020 Deepwater Horizon OII Spill. While media reports and studies have centered on the wincommental impact on the Mississippi Culf Coast, we should not forget the economic impact that the spill had on the region. To that end, the Harrison County Development Commission (HCCI) is requesting \$500,000 obvelop a marketing campaign to be managed by the Mississippi Gulf Coast Alliance for Economic Development. Funding would provide for staff to lead the effort and would be housed in HCDC owned office space and marketing activities (eg. commercials, adventisments, etc.) The Harrison County Development Commission is requesting \$4 million to assist with development costs associated with the	Harrison	Yes	No	No	100	Yes Yes	No	No	No	No	Land Mitis	\$ 500,000.00		
Development			Industrial Complex	North Harrison County Industrial Complex. The 623-arcs site is located to the west of the U.S. 49 conider linking Gulfport and Hatteshup, To due approximately 51 million has been invested in the property to increase the number of developable arces under the management of the Harrison County Development Commission (HCDC). While the site is nearing completion additional work is needed. To make the site more marketable for large scale development an additional road is required, water and sever must be extended to individual lots and surrounding wetlands must be mitigated.	.18111500	18	NO	ies				no	NO	NU	cand writig			
Workforce Development	220	11/13/2014	Beatline Road Widening and Expansion	The Harrison County Development Commission (PICC) is requesting 520 million to fund the widening and extension of Beatline Boad in the City of Long Beach find uses to three lense. Beatines Road prevently uses from the ACS Roll Line enroth to Interstate 10 and services the Long Beach Industrial Park, as well as, being the primary evacuation route for residents in west tharrison County. After construction, Beatine Road will extend to U.S. Highway 80, which will allow for the movement of whiches from the beach to interstate 10. In its current control to Beatine Road Mindes the ability of ACC to adequately market the Long Beach Industrial Park to prospects requiring the movement of large trucks from the industrial park to Interstate 10.	Harrison	Yes	No	Yes	100) Yes	No	No	No	No		\$ 20,000,000.00	ş -	

Workforce Development	2209	11/13/2014	Harrison County Revolving Loan Fund	The Harrison County Development Commission (HCDC) is requesting \$25 million to fund the creation of the Harrison County Revolving Loan Fund. The revolving loan fund (RLP) will be a go financing measure primarily used for development and expansion of Dusiness. It will be a stre-fequentishing pool for money, utiling interest and principal payments on old loans to Issue new ones. The stabilishment of a RLF will provide access to a fleable source of capital that can be used in combination with more conventional sources. It will be a stress that a stress that the answer of capital that can be used in combination with more conventional sources. It will be a stress that a subscience of the answer of capital that can be used in combination with more conventional sources. It will be a stress that a subscience. Eligible uses for RLF loans include: JACGraquistion of und and buildings JACGaulding revolution, and	Harrison	Yes	No	No	Yes	No	No	o No	No	\$ 25,000,000.00	\$ -	
Workforce Development	3233	11/17/2014	Port Bienville Certified Site Development	Sc Wachnery and equipment. The theorem of the second seco	Hancock	Yes	No	Yes	10 Yes	No	No	o No	No	\$ 5,500,000.00	\$ -	
Workforce Development	3235	11/17/2014	Port Bienville Industrial Park Administration Building	CPHC proposes to construct a multi-functional, centralized administrative building at Port Bienville Industrial Park. Port administration currently operates from separate facilities. The Railroad Department is using an old fire station and the Facilities/IPC bepartment is operating from an office connected to their equipment shed. A centralized administrative building till eliminate the separation of the Port Management than and allow more effective department conditation and oversight. The new building would be raised above ground to mitigate possible flooding impact, while creating parking under the building. This design would require a smaller dorogrint and less land use. As an indirect impact, a new administration building would also allow the Port to return the fire station to its original function, thereby offering better fire protection to Port tenants.	Hancock	Yes	No	Yes	100 Yes	No	No	o No	No	\$ 1,500,000.00	Ş -	
Workforce Development	3238	11/17/2014	Dredging between Pearl River Bridge and Intracoastal Waterway	Project Objective: The project objective is to shorten the route from the Intracoastal Waterway (ICW) to Port Bierville and Stennis Space Center. This will allow cargo vessels to travel from the Pearl River to the Guill of Mexico. Activities to be Completed: The Hancock County Port and Harbor Commission (HCPHC) proposes to dredge the channel between the Pearl River Bridge to the Intracoastal Waterway.	Hancock	Yes	No	No	Yes	No	No	D NO	No	\$ 4,000,000.00	\$ -	
Workforce Development	3244	11/18/2014	Stennis International Airport AeroTech Site Development	HCPHC proposes to completely develop an unimproved parel owned by HCPHC into an 1.100 acre certified mega-site for use as an aerospace and technology industrial park. The Go Coast 2020 Report specifically lists this project as a priority for long-term coastal growth and recovery (Section 3. Economic Development, p. 14, "Princing", Kaste Development and Capacity). HCPHC pruchased an 1.100 acre site adjacent to Stermis International Algort for development into an aerospace technology park. Such a facility is parmount to the continued growth of the John C. Stermis Space Center, Stermis International Algort murves and with the space center, Stermis International Algort murves and with the space center. Stermis International Algort murves and with the addition of offse building complexes, sucraft hanges in the adjacent to the Semis international Algort murves and with the addition of offse building complexes, sucraft hanges in the adjacent to the Semis international Algort murves and with the addition of offse building complexes, alreadt hanges and manufacturing ficilities, promises to support jobs from Mobile, AL to Baton Rouge, LA Utilities are needed to achieve site- ready status. Funds awarded through this project will be complete all cultural/environmental assessments, wetlands mitigation, site clearing, utility extensions/relocations, and any other functions required to achieve site-ready status.	Hancock	Yes	No	Yes	100 Yes	No	No	> No	No	\$ 25,000,000.00	\$ -	
Workforce Development	3245	11/18/2014	Stennis International Airport Terminal Hangar Complex - Phase II	HCPHC proposes to complete Phase II of the Terminal Hangar Complex at Stennis International Airport (SIA). Construction of Phase II of the Terminal Hangar Complex will promote continued growth of nearly all aeronautical activities on the airport. Additional maintenance, line service, administrative, management and airline personnel will be hired with the	Hancock	Yes	No	Yes	100 Yes	No	No	o No	No	\$ 3,500,000.00	\$ -	
Workforce Development	3247	11/18/2014	Stennis International Airport Hangar Purchase	expansion of these facilities. HPCPC proposes to purchase two (2) private hangars at Stennis International Airport (SIA). The Federal Aviation Administration (FAA) restricts activities that can occur from a private hangar at a federally funded airport. By purchasing two (2) existing hangars that are privately owned, HCPPLC will remove all restrictions on economic development activities at those sites. This will quickly expand the infrastructure available at SIA and simultaneously allow HCPPLC to use previously-restricted sites to attract new industry to the facility.	Hancock	Yes	No	Yes	100 Yes	No	No	o No	No	\$ 1,650,000.00	\$ -	
Workforce Development	3248	11/18/2014	Port Bienville Industrial Park Webre Road Warehouses	HCPHC proposes to construct two new warehouses along Webre Road in Port Bienville Industrial Park (PBIP). This project would consist of constructing two new warehouses along Webre Road at PBIP. The Port has two existing warehouses which are presently rented lexaed to capacity and new and existing Businesses continue to make requests and continues to receive request for additional warehouse space. Construction of two (2) new warehouse (appoint) softwarehouse point of user the state of the state state of the state of t	Hancock	Yes	No	Yes	100 Yes	No	No	o No	No	\$ 4,500,000.00	\$ -	

Workforce Development	3	249 11/18/20	14 Stennis International Airport Apron Expans		Hancock	Yes	No	Yes	10	D Yes	No	No	No	No	\$ 7,100,000.00	s -	
				 stel: - Construction of an apron on the west side of the existing runway will allow for an immediate increase in hazardous aircraft operations. This isolation pad will allow military training and nazardous aircraft active tiltary the this does not exist in the region. - Expand Aircraft Apron North (\$1,400,000) This expansion of the north pion would provide the property south of Texas Flat Road accessibility to the runway for development. As hangs are constructed for tenants, the expansion of this apron would offer staging and parking of aircraft working in this area. - Expand Aircraft Apron South (\$1,800,000) Expand Aircraft Apron Main (\$1,200,000) - Expand Aircraft Apron Main (\$1,200,000) This propert August Autom (\$1,200,000) This propert vouid increase that are used for heavy load cargo operation at Stennis International Airport. This Increase apron 													
				would allow for cargo operation and would not disrupt the operations of corporate and military aircraft operating and training at the airport.													
Workforce Development	3	250 11/18/20	14 Stennis International Airport Road Extensio	HCPHC proposes to extend Fred and AI Key Road at Stennis International Airport (SIA). Fred and AI Key Road is the frontage road for SIA. Extension of this road will allow SIA to develop a 20 acre site for industrial, aerospace, or technological development. (The site is not currently accessible by road.) Improvement of this infrastructure will also open access to many acres of private property for similar investment and development.	Hancock	Yes	No	Yes	10	D Yes	No	No	No	No	\$ 2,400,000.00	\$ -	
Workforce Development	3	251 11/18/20	14 Stennis International Airport Taxiway Expa		Hancock	Yes	No	Yes	10	D Yes	No	No	No	No	\$ 4,900,000.00	Ş -	
 Workforce	3	252 11/18/20	14 Port Bienville Industr	maintenance and repair. HCPHC proposes to perform site preparation activities on various sites throughout Port Bienville Industrial Park (PBIP).	Hancock	Yes	No	Yes	10	D Yes	No	No	No	No	\$ 9,000,000.00	ş -	
Development			Park Site Developme	t This project will contract cultural assessments, environmental assessments, geotechnical assessments, soli assessments, and wetlands delineations for many sites within PBIP. This project will also mitigate identified wetlands, thereby making sites immediately available for development. Increasing the availability of shovel-ready sites in PBIP will enhance the Port's ability to compete for industrial investment and development.													
Workforce Development	4	244 11/18/20	14 National Center for Strategic Planning an Emergency Response	Neural and man-made dissters are a part of this national ⁴⁷⁵ , lardcape as evidenced dramstically on the Mississpip Gulf Cost by furcines drains and the Decymeer Fortion OI Sell. News of cher distarts: contagina disease and national security threats is a daily occurrence. Strategic planning and preparedness is essential for the protection of life and property and guick response to and recovery from subject levents. To provide strategic planning and training services to communities, individuals, businesses and officials who plan and prepare for, take actions to protect against, respond to and oversere recovery from disasters and energences, Mississippi Gulf Coast Community Coallege (McCC) proposes the decatational Center for Strategic Planning and Emergency Response Training AEMVIth a robust focus on strategic planning and community resilience, the goal of this project is the planning, development and implementation of a comprehensive center that will provide strategic planning and training services to a local, regional and analia audence. Objective 1: Planning activities shall include the establishment of an advisory team consisting of local, regional and national nepresentatives, defining a specific line Center and the identification of bet practices for use in the disployment of the Center shall consist of physical location, fruite Center, Jennifying aphysical location for the Center, and researching bets practices for center shall consist of physical, operational and programmatic activities. Activities will include securing and equipping a physical location, thring Center personnel, development of strategic planning and personal, Rational Center for strategic Planning and the regional and regiones to main the entertodistices, training programs, a marketing plann and ducation of the Center will focus on initiating the developed strategic planning necess in the local coastal communities, individuals, businesses and officials who are on involved in strategic planning and the preparation for, res	Harrison, J	Yes	No	Yes	7	5 Yes	Yes	No	No	No	\$ 20,000,000.00	Ş -	

Workforce 4285 11/18/ Development	Incentives- Mississippi Gult	With significant recent consolidation in the airline industry, the competition for air service as becoming increasingly keen. Smaller markets its collopertialion inducted by the Guil of spall are competing for service against markets with much larger population bases and significant resources. Domestically, four airlines now control approximately BOS of the remarket share and SOS of the revenue and communities from across the country are vings for a limited amount of new verice. To ensure the viability of new air service of ferings at a smaller market like the Mississippi Guil Cosat, It requires a strong, collaborative public/private partmethy. A combinison of airport increasive, marketing groupman and an initial revenue guarantee to the airline during a ramp-up period between 12 to 35 months would allow for a new dry to become self-sustainable. Two examples there this type of clubaorative effort has worked in the Guilfor-Talion market has been the addition of air service con Minneapolic/Six. Paul (MSP) and Orlando-Sanford (SPI). The MSP service was started with a small revenue guarantee from the save of the past three Fail assoms. This seasonal operation has contributed approximately 35 million to the local economy service to the market significant. The Minneapolic samples above show what samalar seasonal group and contribute to the local economy. For an example of a larger program, if two times per week service to a new market were to be added for the program on outer significant. The Minneapolic samples above show what samalar seasonal factor of DNJ the based on the 5717 period Bayner period services to borlando-sandrod. The economic impact of adding any rees service to the market significant. The Minneapolic samples above show what samalar seasonal factor of DNJ the based on the S717 period Bayner period season what samalar seasonal factor of DNJ the State of the past three Fail assements and the Minneapolic samples above show what a samalar seasonal factor of DNJ the based	Harrison	Yes	No	No		Yes	No	No	No	Yes	\$ 2,500,000.00	ş -		
Workforce 2258 12/10/ Development 2558 12/10/	2014 Remediation of OI Split and Gas Releases by Biochar Activated at Low- Temperatures	Introduction Sincher has emerged as a promising sorbent for recovering or containment of matne crude oil splits (Nguyen and Pignatello, 2013). Biochars are pores, and has a build density lower than that of seawater co that biochar particles float on seawater. Biochars cost any pores with high ophosic internal surfaces that are wetter much faster by organic compounds rather than water (Gray et al., 2014). This difference is particularly noticeable when the biochar is produced from profysis at low temperatures (Gray et al., 2014). This difference is particularly noticeable when the biochar is produced from profysis at low temperatures (Gray et al., 2014). This difference is particularly noticeable when the biochar is produced from profysis at low temperatures (Gray et al., 2014). This difference is particularly noticeable when the biochar is usually a byproduct in bioletar polacities. It is therefore retrievely integenities while water cannot Biochar can be burned directly along with the absorbed oil in controlled environments for energy production. That is, there is no need to separate the absorbed oil from the biochar for their end uses of both biochar and oil can be recovered. As results of these advantages, bloochar is likely a cost-effective absorbent for remediating splited ultimate face are amport cost factor for this technology. Absorption capacity, in turn, depends mainly on the sorbentife ¹⁷⁵ alternal pore volume and surface areas. Nguyen and Pignatello (2013) reported that biochar from hardwood has a lower absorption asjuch than theor dimmy syntheic absorbent. Tuss, internal proclume of block thas to be increased. (202 and water are usually used to burn a fraction of admin ingenerating larger pore volume displacit has to be increased. (202 and water are usually used to burn a fraction of admin ingenerating larger pore volume displacities at bas to be increased. (202 and water are usually used to burn afraction of the intermology. Thus many of the starbology is the mer		Yes	Yes	No		Yes	Yes	Yes	No	Yes	5 300,000.00	\$ -	develope p	roduct and create industry in MS
Workforet 4261 12/19/ Development 4261	2014 Convertion Center Complex	Neuropes Casa Colleven and Convention Contro has all darkantage in competing for builders. Most convention center complexes of the Autocommodulosis, unlike gollosis and Augorgia Sircis the Costa Collisium and Convention Center Area events on the Nicolisium Sirci Convention Center Area Convention Center vesual secures the integrity of the footprint of the complex and would be able to then offer developers a lease of the land without it being an additional inventient of them. The Costa Center Monte Convention Center would secure the integrity of the footprint of the complex and would be able to then offer developers alses of the land without it being an additional inventient of them. The Costa Centerino Center and the Mississipi Guilf Costs Regional CVB would commit marketing and sales dollars toward attracting convention center and the Mississipi Guilf Costs Regional EVB would commit marketing and sales dollars toward attracting convention and meeting groups that would utilize the facility. Property value is estimated at 55,000,000. The convention center complex would: 1.Sustainable 2.Creates jobs 3.Community and private developer shared investment 4.Costs-wide impact and conventions that can be accommodated by Guilf Costs facilities will not even consider the MS Guilf Cost 5.Generates new State and conventions. That can be accommodated by Guilf Costs facilities will not even consider the MS Guilf Cost 1.Sustainable 2.The MCRCNG and Cost Collosum & Convention center staff have tracked more than 527 million in lost potential revenue over the past 3 yeas ub to not Anivage a convention. Center headquarters hotel 3.Our ability to accommodate these additional ancentes in conventions will expose our destination to new visitors, increase much needed millive koccupany when these meetings and conventions will expose will and could potentially transitae into an incremental 509 million in direct spending according to past research 4.This project would create permanent jobs in the hotels, dining and diopoping establishment	Harrison	Yes	No	Yes	106) Yes	No	No	No	Yes	5,000,000.00	\$ -		
Workforce 4272 12/23/ Development	2014 Stennis International Airport Aerospace Academy	HCPHC and Pearl River Community College jointly proposed to establish an Aerospace Academy at Stennis International Airport. With the proliferation of aerospace development in the greater Hancock County region, Stennis International Airport is primed to serve as home for Mississippi's Aerospace Academy. The academy will train the next generation of aerospace workforce in Mississippi and create a tremendous competitive advantage for the stat's aerospace development efforts.	Hancock	Yes	No	Yes	100) Yes	Yes	No	No	No	2,000,000.00	\$ -		

Workforce	4376	13/37/3014	Mississippi Coastal	Funding is requested to establish the Mississippi Coastal Heritage Trail (MCHT), a 100+ mile multi-use pathway linking coastal	Hancock	Vor	Vor	Voc	-	Vor	Vor	Ver	Voc	Voc	1	\$ 25,775,000.00	c		
Development	4270	177772014	Heritage Restoration, Education, & Preservation Trail	exemutions from Gand Bay Nutsion al Staurice Research Research Nesseve to NASAME* Infinity Stearen center. While non-wateg public understanding and providing public access to notivari resource Interporties Sites, workerway, Islands, and forest, this Trait and also provide an opportunity to educate community members and visitors about the effects of the Deep Water Horizon OLI Spill on Gulf Cast Communities. MCHT will serve as an educational tool to tesh about the interaction between humans and the marine emvironment as well as offer recreational access to a pedestrain/bikeway stretching access the historic and culturally rich Mississpip Gulf Cast. The MCHT will serve as the backbone of the physical network of cultural, historical and natural places where residents and visitors to the costal accession of the physical network of cultural, historical and natural places disculation provides public exercises and the set places. Hirting Traits Traitspip of the Mississpip Gulf Coss IIT PJL jugly supported by the National Park Service, is working to reconnect residents and visitors to the costal accessites and the start surround them through recreational traits and conservation disculation projects. HTP is creatively fostering connections to education and tourism growth through traits and greeways will safe guarding the applied costal detationts. HTP has related all communities along the Mississpip Gulf Costa in a vialiage about creating a network made up of blueways and greemways where one did not exist. HTPAE's diverse Board of Directors, including Community leaders of conservation busines, planning and health again tations, no leads the definitor to create the Mississpip Cassat i lerrage Trail (MCHT), recognized by the U.3. Department of Interior through the Americale*'s Great Outdoors Intahibe. HTP has been avoid to instrument for information exchange and building of Intergaency trust, related to trail projects, for the benefit of all costal communities.	Hancock,			165	,	5 165	TES		9	16		5 23,773,000.00	3 -		
Workforce Development	4297	1/8/2015	Guffport Downtown Tourist Destination/Alley Streets:age - The Half Street Alley Project	Gulfport Downtown Tourist Destination/Alley Streetscape Project Le. & & & & & & & & & & & & & & & & & & &	Harrison	Yes	Yes	Yes	5	S Yes	Yes	No	Yes	Yes		\$ 1,500,000,00	***		
Workforce Development	4370	5/28/2015	USM Gulf Park Beachfront Pier Restoration	The University of Southern Mississippi's Galf Park campus is the state's only beachfoot campus. This campus had a fishing/recreational pipe resending our tion the Galf of Meshco for many years. The pipe of Ghreat Academic, research and recreational opportunities for students, faculty, and staff as well as load resistents and pursuits. Over time and as a result of storms and other branch events, the pipe ventually was governed by the elements of nature. The pupped of the poppoed poject is to reconstruct this giver and once again offer the direct Galf access that had been in place for the above mentioned subsissippi residents and other stakeholders for many years. Alou, with USM's gover hin the areas of namies and costal science, this pipe will be a critical academic and research resource for Mississippi's premier university marine related programs.	Harrison	Yes	Yes	Yes		Yes	Yes	No	No	Yes		\$ 1,500,000.00	****		
Workforce Development			Preparation	Background: It is vital for Arports to develop alternative forms of revenue. The Gulfport-Bilos International Airport owns, and has identified intere acros of India a premier location for future commercial development. This land is located the entrance of the Airport adjacent to parcels that contains two hotes and a business office park. In order for this fand to become appealing for future development, it is required to be elevated to a similar grade as configuous parcels. B Discussion: The project area, that is located west of two Airport Hotels, requires site preparation in order to make it & Cosshover readyACE The site preparation consists of the purchase of mitigation credits, clearing the area, installation of utilities, and fill to bring the area to grade with adjacent property. By using grant funds, it will entice private investment of construction that compliments the amenities for Visitors to the Mississippi Gulf Coast and also Residents of the Mississippi Gulf Coast. Summary/Benefit to Region: The Arport is a key component of the economic well-being of southern Mississippi. Capital growth and capital investments are critical for Airports and Communities. The site preparation of the commercial site will set the stage for private investment to construct a commercial development which then equates to the growth of local jobs, taxes and alternative revenue to the airport. Project Cost: The cost for 3-acre commercial parcel site preparation is \$722,512.25	Harrison	Yes	No	Yes		Yes	No	No		Yes		\$ 725,151.25			
Workforce Development	5400	9/2/2015	Pine Street Waterfront Access Road and Maritime Commerce Corridor	The Pine Street Waterhoot Access houd and Martine Commerce Comfords in East Block will detend and improve Pine Street from 5th Street South to highey 920, concernnt will highering meetabolism of the Street South Street and Honogan be Mississipp David Street southeast to Pine Street and then south to 5th Street with Indeling adottance provided through the Mississipp Development Adults Street and then south to 5th Street with Indeling adottance and the south and the south and Development Adults Street and Honogane the Street Street Mississipp Development Adults Street and Honogane Street and Indeling Adults Street Street will be a Gour-Jane, divided boulevand for greater safety and aesthetic appeal. The comprehensive project gaal is to improve public access to waterfront commercia, industrial and recreational venues in East Block thereby street and the Dock on Blioxi Bay at the foot of 5th Street. Improved access also will stimulate redevelopment of East Block through new business start-ups and the expansion of tourism and recreational waterfront amentifies.	Harrison	Yes	No	Yes	9) Yes	Yes	Yes	Yes	Yes		\$ 20,000,000.00	****		

	Vorkforce levelopment	5405 9/24/	015 Expansion of Blue Crab Aquaculture in Mississi		Jackson	Yes	No	Yes	30	Yes	res	Yes	NO	NO		\$ 13,000,000.00	\$ -	
	evelopment		New Economic	recruitment occur in the fishery) and the development of new fisheries. Mississippi is one of only two states in the U.S. with a														
			Opportunities for Coast	al blue crab hatchery. The ability of USM/GCRL to produce "seed倿rabs has great potential for development of a bait crab														
			Fishery Development	fishery and expansion of the soft crab fishery. Pond culture of blue crabs would greatly reduce pressure on natural populations														
				and would allow for fishery development independent of wild stocks. Interest in new fishery opportunities for Mississippi fishermen and inland pond aquaculture ventures led to the formation of the Mississippi Blue Crab Aquaculture Consortium. The														
				Consortium is focused on establishing blue crab aquaculture in Mississippi, specifically the culture of small crabs for soft crabs														
				and bait to create new domestic value-added products based on hatchery production technology. The proposed work addresses														
				several RESTORE program areas including: 1) workforce development through training and participation in new fisheries, 2)														
				research and technology transfer and development through partnership with the Mississippi Blue Crab Aquaculture Consortium														
				members (USM/GCRL, Mississippi Department of Marine Resources; USDA候s Mississippi Natural Resources Conservation Service; Alcorn State University), 3) aquaculture through production of a high-valued product for human consumption and a														
				cultured bait for recreational fishing, 4) fishery economics through new fishery development, and 5) resource management														
				through conservation of wild stocks. Re-location and expansion of the current hatchery will provide additional technical jobs as														
				well as employment opportunities for fishermen and entrepreneurs interested in new fisheries. Inland farmers with ponds will														
				be afforded the opportunity to culture new species. Workforce development and training will occur through outreach activities and technology transfer that will focus on pond culture techniques and marketing.														
				and technology transfer that will focus on poind culture techniques and marketing.														
				· · · · · · · · · · · · · · · · · · ·		_		_										
	Vorkforce	5419 10/1/	015 Gulf Coast Economic Development Loan Fun	Founded in 2006, Renaissance, a 501(c)(3) non-profit Community Development Financial Institution Fund (CDFI), was destablished by a group of committed community leaders who had the vision and foresight to understand that the key to	Hancock,	, I Yes	No	No		Yes	No	Yes	Yes	Yes		\$ 12,000,000.00	annnaan	
	evelopment		Development coan Fun	A stabilities by a group of committee community readers who had the vision and rolesingly to diaderstand that the key to Mississippi's recovery from Hurricane Katrina (August 2005) would need to be a unified effort focused on community														
				redevelopment. Renaissance thrived by offering programs designed to provide residents the opportunity to obtain the dream of														
				homeownership through low-cost and low-rate lending, as well as structured financial counseling. Over time, Renaissance														
				expanded the scope of its activities to provide both quality sustainable housing solutions and the creation of economic														
				opportunities in MississippiãE [™] s low-to-moderate income communities. All of Renaissance programs include vital financial technical assistance and counseling in an effort to support clients throughout the process to success in wealth building and														
				breaking out of the poverty cycles. Renaissance seeks to move residents out of poverty through its wealth-building														
				opportunities of homeownership and small business development and/or expansion that creates and/or retains job														
				opportunities for low income individuals.														
				Respirence has successfully deplayed earth \$53 EM in Community Providences Playle Const final store														
				Renaissance has successfully deployed nearly \$62.5M in Community Development Block Grant funds since 2009 and leveraged these funds with an additional \$16M in private and public funding. These funds were not a 倜one timeå€i3pend, as the														
				mortgage payments received by Renaissance are re-deployed into the community to continue to serve the purpose of providing														
				affordable, sustainable and safe housing for Mississippi候s workforce. Renaissance is a U.S. Small Business Administration														
				(SBA) Community Advantage lender, the only SBA Intermediary Microenterprise lender located within the State of MS and is a														
				member of the Federal Home Loan Bank of Dallas. Through our many partnerships and affiliations, Renaissance has access to														
				capital that can be leveraged with all RESTORE Act money awarded to the organization to further the value and reach of the funds received. In addition, Renaissance is an Aeris-rated CDFI, a designation which signifies that the organization has been														
				found to have sound policies, procedures, electronic systems and qualified staff in place to successfully administer its programs.														
				The Gulf Coast Economic Development Fund would bring additional capital to an existing Renaissance and would enhance the														
				perpetual loan fund that the organization has successfully established. The funds the State will receive through the RESTORE Act and the BP Oil Spill can be more than a one-time spend. If placed with the appropriate organization, such as Renaissance, to														
				manage and deploy in the most effective way, the funds can become an economic driver for the State, continuing to stimulate														
				economic growth for years to come.														
)	Vorkforce	5420 10/2/	015 Gulf Coast Broadband	The Mississippi Gulf Coast is in need of ultra-high-speed, fiber-optic, broadband infrastructure for Internet service that has	Harrison	Yes	Yes	Yes	85	i Yes	Yes	Yes	Yes	Yes	agriculture	\$ 15,000,000.00	ş -	
	levelopment		Project	sufficient scope, flexibility, availability and affordability, for all of its citizens, governments, and private businesses and industries														
				to be able compete in regional, national and international markets for the creation and retention of new jobs, technologies,														
				businesses, and industries and for the expansion and retention of equal opportunities for all citizens to enjoy a more prosperous, just, dignified and fulfilling life.														
				prosperous, just, algunica and ramming me.														
				The experience of many states and communities around the nation has been that large corporate providers of data transmission														
				facilities do not have sufficient monetary incentive to bring affordable and ubiquitous, ultra-high-speed broadband Internet														
				service to them unless there are significant public efforts and incentives to bring that technology to a proximity to all homes, businesses and public places that will make the final connectivity and service to all homes, businesses and public places by retail														
				public and private service providers accessible and economically viable to the retail public and private service providers,														
				affordable to the end users, and competitive in regional, national and world markets.														
				The Cities of Biloxi and Gulfport established a unified effort to promote development of a minimum 1-Gig ultra-high speed														
				Internet connectivity via a Fiber Optic Ring encompassing the entire Mississippi Gulf Coast. Subsequently, as of October 2016, eight other coastal cities and two of the three coastal counties have joined with Biloxi and Gulfport to form the Gulf Coast														
				Broadband Initiative. With RESTORE funding assistance, the Fiber Ring will be implemented and administered by the GCBI,														
				thereby providing to all area residents and businesses an affordable, ubiquitous and timely ultra-high-speed broadband Internet														
				service. It will be delivered from the Fiber Ring to all end users by competitive licensing with private Internet Service Providers.														
				The Gulf Coast Broadband Initiative has been created through an interlocal governmental cooperation agreement and is a														
				separate legal and administrative organization with the authority to acquire any interest in real and personal property necessary														
				to create and maintain the regional fiber optic ring in all of its parts.														
				In order to eliminate the accedinital divideactand create equal opportunity for all residents and businesses to enjoy reasonably														
				In order to eliminate the &Coedigital divide&CBnd create equal opportunity for all residents and businesses to enjoy reasonably affordable access and use of ultra-high-speed Internet service, the Initiative may contract with for profit and non-profit business														
	Vorkforce	5423 10/23/	015 Mississipi Oysters	Title: Mississippi Oyster Aquaculture Revolving Loan Program	St Tamma	a Yes	Yes	No		Yes	No	Yes	Yes	No		\$ 1,000,000.00	s .	
	levelopment	5425 15/23/	Aquaculture Revolving	Eligibility of Activity:												2,000,000.00	·	
			Loan Program	This activity complies with the following two eligible activities:														
				•Witigation of damage to fish, wildlife and natural resources														
				åECWorkforce development and job creation Introduction:														
				Oysters support a robust commercial fishery, improve water quality, and provide habitat for a number of economically and														
				ecologically important fish species. As a result of the Deepwater Horizon oil spill and related anthropogenic activities (such as														
				river releases) the estimated number of oysters that were lost (direct death and subsequent reproductive loss) at a minimum,														
				was four billion oysters Gulf wide over three generations of oysters (seven years).														
				Through an extensive planning effort in Mississippi in 2015, the Governor候s Oyster Council created goals of increasing oyster														
				harvests and creating new job and business opportunities. The establishment of a finance program could facilitate positive														
				change for the oyster industry and the resource. Such finance programs have been instituted in other parts of the country														
				where a revolving loan program is initiated that required little to no collateral, requires owner equity (i.e., investment of 10%),														
				and allows loans to be used for the purchase of oyster shell and aquaculture specific equipment. These loan programs help initiate a boost to the industry in a particular sector (i.e., aquaculture) and provide opportunities for previously disadvantaged														
				communities to engage, diversity income streams, and enhance economic development.														
				Oyster aquaculture business startup expenses can run from \$5,000 to more than \$100,000 depending on the scope of the														
				enterprise. Obtaining a loan from traditional commercial lenders for aquaculture business projects can be challenging for small														
				enterprises and individuals considering the two to three-year growing period between oyster planting and growth to market size, as well as the lack of available business equity and collateral security. Mississippiမs aquaculture loan program will														
				require all principal payments return to a revolving fund to support future rounds of funding. The MDMR will partner with a														
				credible lending institution to evaluate the credit worthiness of the prospective borrower(s), as well as the viability of the														
				proposed project production and business plan (including the financial projections) that are required to be submitted with the														
				application for assistance.														

	lorkforce evelopment				TechTown is a #Gatechnology and entrepreneural learning center offering year-round after-school programs and summer comps.4Eftechnology movides skill-builling and certification curriculum for five focus areas including robotics, programming, film and arts. In contrast to the original TechTown Chattanooga, the proposed TechTown Pascagoula wold be a 5,000 sq ft extension center offering focus areas customized for the jobs in our community. TechTown has comp emphasis on securing schularships for underprivileged youth. In addition to youth programs, TechTown also offers technology focused programs for adults and sensiors. A TechTown Pascagoula program would combat the documented recruitment needs of local industries who are spending countless hours traveling to recruit necessary worldforce. TechTown Pascagoula would spark the interest of local youth region when is TEAM Gisterne, Technology, TechTown also offers technology focused programs for adults and sensiors. A TechTown Pascagoula would combat the documented recruitment needs of local industries who are spending countless hours traveling to recruit necessary worldforce. TechTown Pascagoula would spark the interest of local youth region when is TEAM Gisterne, Technology, Tengering, Aris, and Mathematics; related jobs of which Pascagoula is fortunate to be pientful in. A facility of this magnitude would be the first in the State and have a multi-county and multi-state foraw. Headquarteed in Facagoula, it would serve as a great partnership with inglist. Foreno, Singling Wer Health Systems, the Pascagoula-Gaulter School District, the City of Pascagoula, the Mississippi Gulf Casat Community College (MGCCC), and MGCCCER*'s recent.collaboration with Mississippi State University among unforeseable others. Attachments include presentations explaining TechTown and the capabilities.		Yes	No	Yes	56	Yes	Yes	No	Yes	les	\$ 2,000,000.00	5 -	
	ordforce exelopment	5453	12/11/2015	GoCoast Trust Fund	The proposed project will fund a perpetual Gocoast Trust Fund that will provide: (1) debt and equity financing of qualified parkets and public projects that will require plans with interest and yeld are true on equity investments, and (2) grants to public agencies for ugent public projects that do not generate revenue directly, especially eco-restoration projects. The Trust Fund will provide a long term, economical-you framework to stimuliate regional economic recovery and growth that serves long- term public interests, and it will have the flexibility to adjust to market-driven changes in the regional, national and world economies. The GocOast Trust Fund will be governed by a three-member Board of Trustees, composed of one resident from each of Hancock, Harrison and JacSona counties. The Governor shall appoint the trustees, subject to the approval of the Mississippi Destine and Haucos of Depresentatives, for four-yeast terms, conteminous with the Governor. All actions of the Board of Trustees must be by unanimous vote of the Trustees. Operating expenses of the Trust may be funded from Trust Fund income and any public or private grants obtained by the Trust. On or before September 1st of each year, the Trustees shall submit to the Governor, that cloud of the Case (2) financial tatements of the mest state fiscal year itemizing all proposed to the substructive. Depresent the trust for the previous year, and (3) financial statements projects to the next fiscal year, (2) financial and yspecific project in the Plan, then that project shall be deteed from the list of projects that may be funded by the Trust in that fiscal year. The Trust will operate in the nature of a public investment bank to fund projects that adverse economic development: infrastructure; correstoration; research ad education; regional economic recovery and growth; bola production; tack-ase expansion; duality of life for Mississippi difficant effects from substate for experist fields for development. Firstructure; ecortation the	Hancock, I	Yes	Yes	Yes		Yes	Yes	Yes	Yes 1	(es		\$ -	
	lorkforce evelopment	5458	12/23/2015	City Hall	Develop site and construct a new City Hall to consolidate City operations. Pascagoula is one of the only cities on the costs that has not built are or renovated facility on the costs. Operations are scattered among several lacations, and buildings are deteriorated, costing considerable funds in annual maintenance and inefficient operation. In addition, residents must visit several locations to complete builsness with the City, maintel in on user-fineful). A new facility would consolidate envirose, making it more efficient for staff and citizens. The project would include site selection, development, design and construction.	Jackson	Yes	No	Yes	90	Yes	No	No	Yes	fes	\$ 10,000,000.00	\$ -	
W De	orkforce evelopment	5459	12/23/2015	Welcome Center / Tourism Center	Develop a site and construct a welcome/tourism center for the City of Pascagoula. The City has much to offer, and several large employees bringing visitors to the area. Often, these visitors miss the jewels of Pascagoula and Jackson County in favor of larger facilities in other enarby CiteLs. A welcome / tourism center would provide meeting space, information about local attractions and facilities, and would complement other similar venues on the Coast.	Jackson	Yes	No	Yes	90	Yes	Yes	No	Yes	/es	\$ 5,000,000.00	ş -	
	loridorce evelopment	5464		Highway Connectivity Project for City of Moss Point	A project to provide ease of transportation, accessibility and safety along the Interstate 10, Highway 63 and Highway 613 condors from 04 Sancenina Road north of 1-100 McInnis Arenue and Grieson Street south of 1-10. L Interchange Improvements and extension of service roads along with service road improvements along the I-10 and Hwy. 63 and 613 condors. 2. Transform the Pascagoula Street/River Road/Griffon Street/Quantier Street condor into a major improved connector between Hwy-90 and Hwy-613, with widening, turning lanes, improved drainage, resurtacing, lighting, etc. 3. Widening and improvements lang (eisens & McInnis Are. from Hwy-61 b duits 51 (Dnce Hwy. 90) to create greater access and increased flow to downtown from the east. Also include a stop light and cross walk at McInnis & Main and straightening and widening of McInnis in front of City Hall with added parallel parking. 4. Turning lanes and a traffic light at Hwy-613 and Duich Bayou Road to create a new main entrance and exit at the Pelican Landing Conference Center, at the intersection. 5. Extend Audubon Way eastward across Main Street to Morris, creating a new intersection and creating commercial development opportunities.	Jackson	Yes	Yes	Yes		Yes	Yes	No	Yes Y	fes .	\$-	\$ -	
	torkforce evelopment	5480	4/29/2016	Orster Restoration through Aquaculture - Aqua Green	In Mississipai and throughout the Gulf of Maxico, the oyster flubery serves as an integral part of the economy and heritage of coastal communities, briesto were the part decade such as humans integral part of the economy and heritage of coastal communities, briesto were the part decade such as humans integral part of the economy and heritage of landings and the amount of vabile operater flability preserve. Learning as a part of the economy and heritage of seavater, encirculating aquaculture spectre flability preserve. Learning as a part of the seconomy and seavater, encirculating aquaculture spectre in binare mental value (a) paral particular to a part of the seavater, encirculating aquaculture spectre in binare mental value (a) paral particular to a seavater of the StateE ⁴ 's part in economic development. This supply of lanva will directly support, (a) restoration of the StateE ⁴ 's patient effs and equal part of the seaves in the seaves and the seaves (b) creation of hing shorelines and resetablishment of natural non-harvest refs for shoreline stabilization/mark restoration, fishing habitat, and onyster fishery. To support these restoration advalues (b) KateA ⁴ 's part of the StateA ⁴ 's commercial oryster fishery.	Stone	Yes	Yes	Yes	77	Yes	Yes	Yes	Yes Y	tes .	\$ 13,000,000.00	\$ -	

Workforce Development	5485	6/1/2016	Restore the Coastal Tree Canopy Strategies & Storm Preparedness and Mitigation	Restore the Tree Canopy will work with every city and county in the three coastal counties to identify perpetual public green spaces and enhance those spaces with three svarietist that are sustainable. This sproject and allo work with will be identified by RESTORE project to ensure that urban forestry is included in site development. The sites that we work with will be identified by either they city or approved restore project locations such as the conservation green ways or other projects approved. This project will help make-up for or mitigate the natural resources of trees that support habitats of all kinds including native	George,Hi	a Yes	Yes	Yes	80	Yes	Yes I	NO Y	es Y	res	\$	450,000.00	ş -			
				bids, replies, and other species. Plus matched and enhance economic benefits. The project will include benefits for people and wildlife. The results will be a series of abovitae creating a linear coastal green bases for benefits with a sec-burging increasion, clean and waters. stown water management, handle, increase property																
				value and many other related benefits. Restore the Tree Canopy Strategies Habitat, Water Quality, Community Retellence																
				Submitted by Donna Yowell, Executive Director of the Mississippi Urban Forest Council 601-672-0755																
				Acertesizes the Canopy StrategieskEts a project that meets all five of the overarching framework goals of Restore the Gulf. This project will focus on collaborative and sustainable three planting strategies and activities for local government, citizens, and OGGE**. The project will include ways the community and individuals can actively participate, building knowledge, resilience, conservation activities, and ownership. Communities will learn the benefit of connectedness, to a healthy Gulf, based on actions within their own community. Stachholder engagement and wide spread calibaoration would be andher focus. Trees have proven their natural capital to tourism and community economic enhancement, as well.																
				Restore the Canopy is comprehensive in being a Mississippi coast wide project and will cover all three coastal counties with a recommendation to include the other 3 counties in the lower tier of Mississippi. The project will include all cities and counties																
Workforce Development	5494	7/6/2016	SRHS Infrastructure	Partions of the environmental infrastructure of our two hospitals are in excess of 40 years old and are failing. Other environmental utilities such as water utilization, electricia lavitto gear, and lighting for both acta cera chospitals as well as our clinics are using technology that is costing hundreds of thousands of dollars a year more than their modern, energy and resource efficient counterparts. SMN is proposing to replace failing components such as the SH cooling tower and electrical switch gear, as well as the inefficient lighting, components of the OSH toller, OSH boler plant, and several air handler units at OSH, with modern counterparts. That will use SHSA approximately 500,000 a year in operating expense. The cost of the project is estimated at 37,800,000.000, with an ROI of less than 20 years and a projected life in excess of 30, producing a net return on investment in excess of the cost of the project. SNR is searching capital funds for the project.	Jackson	Yes	Yes	Yes	100	Yes	Yes I	No N	lo Y	res	healthcare \$	7,800,000.00	s -			
Workforce Development	5507	8/16/2016	Mississippi Gulf Coast Region Utility Board	In the attached plan you will find recommended turnkey projects for five South Mississippi counties: Hancock, Harrison, Jackson, Pearl River and Stone. These are projects that can have significant environmental impacts on the region. Each		Yes	Yes	Yes	50	Yes	No	Yes N	io Y	′es	\$	500,000.00	\$ -			
			Restore Plan	Individual project identified can be accomplished within a budgetary range of \$500,000 to \$3 million. Any approved project will enhance waterways and in many cases directly enhance the quality of oyster habitas throughout the region. The Mississippi adf coast Region Utility Saard adopted a strategy to work upderher as a region, understanding what is good for one, is good for all. The objective of the attached plan is not to seek approval of every submitted project, but rather approval of one project at a time if necessary. Over a 15 year period one can only imagine the accumulative effect, the significant environmental impact this strategy holds for South Mississippi.																
Workforce Development	5508	8/17/2016	Keegan Bayou Waste Water Treatment Plant Improvements for the Collection and Treatment of Seafood Industry Discharge	As part of the comprehensive public and provate effort to improve water quality in the Back Bay of Biloxi before it reaches the Guil of Mexico, the City of Biloxi is requesting RESTORE functing to reversus esployed processing byproved tickinger and treat it at the Keegan Bayou Waste Water Treatment Plant. This project will result in benefits to the public by preserving existing levels of buliness and supporting expansion of the local aediod industry operating on the Back Bay while significantly enhancing water quality through more efficient collection and treatment of industrial discharge. The proposed discharge collection and treatment improvements will provide a well-coordinated system to more expeditious) improve Back Bay water quality by exceeding Hadoual Pollutant Discharge Elimination System permit requirements for existing processors while allowing the cast effective growth of Biodad ²⁷ esclode industry.	Harrison	Yes	Yes	Yes	100	Yes	Yes	Yes Y	'es Y	res	s	25,000,000.00	ş -			
				This project complements the City of Biloxid ^{4-rs} RESTORE Project #3399, Back Bay of Biloxi Festival Marketplace and Marinas, which requests funding to revitable: the selfood industry through public improvements that include expanded commercial dock space and supported indicated memory and an object of the self of																
				The two RESTORE projects also will work together to meet federal and state water-related public health goals of the Clean Water Act to support present and future most beneficial uses for the propagation and growth of aquatic life as well as public water supply and public recreational uses. Implementation of both projects will have significant near-term as well as long-term positive impact upon Back Bay water quality, wetlands conservation and recreational safety and appeal.																
				In collaboration with the Harrison County Utility Authority and the Mississippi Department of Environmental Quality, the City of Blox will design the discharge collection and treatment project to address projected levels of increased discharge from anticipated sealood industry expansion. Best management practices will be used throughout project implementation and operation.																
Workforce Development	81cc	20/1/2UB	Levating the profile of the Mississippi himmp industry: a post-oil spill Fishery improvement Project to advance and promote the sustianability of the Mississippi shrimp fishery.	Statianibility projects are the status quo in the seafood industry. The supply chain is being pressured to provide assurances that the product is sustainably havested. Policies at companies out as Wal-Matz, Stoce, and Whole Foods are very specific and may block product that cannot demonstrate compliance. Despite being harvested under robust U.S. fuhlery management, most tratlaies require third-party verification through certifications of fabery improvement projects (FIPs). This proposal seeks to continue developing a FIP for the Mississippi (MS) shrimp fabery to elevate the fiber}/drs" profile following a tarnificed reputation from the Deepweter Horizon Ol JSpill. The properties has four Fers. Septically require a Marne Stewardhing Council (MSC) assessment. This project has four fers: a segment at "Sustainability pre-assessment to internationally accepted standards are the basis for FIPs. Some retailess seglicitally requires a Marne Stewardhing Council (MSC) assessment. This project will find an MSC pre-assessment and the transition to a &F Comprehensive FIP&FC' (see Conservation Alliance for Seafood Solutions), G.LLF. This recruited stateholders or a FIP committee to tack progress of the Plan. Zearringeton develops are mound work Rain are unrefiled by a third-party certific. Over three years, G.L.L.F. will facilitate meetings of the Committee to tack progress of the Plan. Zearring the consels are required to a run TED and BNS, and non-compliance ary non-compliance areause and they down of passes a set threshold. The project will fund a Gear inspector to conduct courtes/ checks, neuring TEDs and BNDs are properly installed, reducing the rate of satu trice quire and the likelood this fishemene cary non-compliance areay non-compliance and provide that reduce the sature to a trice trice outrow are currently eleminating ear. 3.Bidustry Outrack: Inshore fielt &F Simmer triwa are currently resempt from fielder litt requirements of they adhere to wire minins (SOT 232.306(G)(D)). NAAA is dring an envi	marrison,	19	No	140		103	Yes Y	res A	NU N	v	\$	391,073.00				
				semption rule. G.U.LF. will monitor this rule change, regularly update the MS shrinp industry, and educate industry members on how to submit comments through the neineahing process. BRS are not engularlin state waters G.U.LF. will continue to educate harvestres on benefits of BRDs and encourage voluntary use to further minimized in state waters. A Gonsumer Oursch & To communicate the progress of the MS shrinp industry and its devolution to sustainability, G.U.LF, will attend conferences and education events in MS and across the country, distribute materials encouraging consumers to purchase MS shrinp, and recvir restances to join the Restanni Fahrenholp forgram, which encourages them to source domestic sediood and empowers wait staff as ambassadors for the industry.																
1		_		1		1	1	1												

Workforce	5536	12/10/2014	6 Magnolia Bayou	Magnolia bayou is an approximately 87 acre bayou and stream that feeds into the Bay Saint Louis bay. It sits just behind the	Hancock	Vor	Vor	Vor	Vor	Vor	No	No	Vor	ć	¢	and Acquisition	
Development			Acquisition and preservation/research center	Proopsis and to the east of bunchar street off of rightway 90. It is relatively undisturbed, with homes surrounding the boundaries of the bayou. Annex County does not have much in the way of environmental education centers, and this would be the perfect location for it. There is a cleared tract of land that sits just of the service road that could serve as the parking lot and educational bulking location. The educational enter will offer classes on the naturel environment in Hancock courny, totar a grassroots educational position will be local schools and groups, etc. This will help bring eco-tourism to francock courny, tara a dto preserve a very important piece of flancock County for years to come. This projects it flexible, but the important part is protecting this land from any future developments and to utilize it to educate on yourbuilt. Hore are any questions about this proposal please don't hesitate to contact me! Thank you so much for indulging me in this proposal.					16	163	NO	NO		,			
Workforce Development	5542	6/1/201:	7 Gautier Town Center (The Commons Park)	The City of GautierA ⁶⁴ 's Town Center is located in the Central Business district, and plans are currently being developed for evolutions; the proposed development being considered would include an open air mall, box stores and national tenants to attrict interstate commerce. Jackson County does not contain a maily, however, there was one within the City of Gautier prior to the B ⁻¹ aligned to a start of the start of the City of City of the City of City	Jackson	Yes	Yes	Yes	80 Yes	Yes	No	Yes	Yes	\$ 15,000,000.00	Ş -		
Workforce Development	5551	5/3/201:	Polinator Health for Food, Wildlife and People-Public and Private Land Environmental Education	Delinator Health in Urban and Rural Communities Pollination Health in Urban and Rural Communities Pollination Health is about our social and economic impacts and how all citizens can play a role in its success. Many times reserved to environmental pojects do not have the opportunity to be applied on the ground in a wirely of Aues with and when data and knowskog up discontentiation and another the opportunity to be applied on the ground in a wirely of Aues with and when data and knowskog up discontentiation and another the opportunity of the application of the stress of the discontentiation of the one of the stress of the application of the stress of the application of the stress of local citizens and community leaders that can make a difference on their properties, their community bublic lands and specially crop discontentiation of the stress of the stress of the application of their food. The MUFC network provides a very hands-on opportunity to determine if citizens in these audiences can gain a better understanding of the role ther poly an oplicant chealth, market the particles they can implement and why they discontent of their food. The MUFC network provides a very hands-on opportunity to determine if citizens in these audiences can gain a better understanding of the role ther poly any oplication the hands can be market discontences. We will work through our municipal partners is applying that research on the ground, providing sound technology transfer, demonstrating best management practices and supporting the mission through creative partnership and collaborations. We will not applicate that state. Other bealt partners will include claca community has deeps, vice rough and private producers and land owners to install 12 demonstration sites and provide a series of outreach and education venues. Through this project we approach and the groups we currently in our retwork and even new collaborations. To include: Autor chanse, having a implementation of planting scala networking, local press, newletters, web s	George,H	la Yes	Yes	Yes	Yes	Yes	No	No	Yes	\$ 110,000.00	nannan		
Workforce Development	5560	5/16/201:	Pascagoula River Scenic Trail	Water trails are marked routes on navigable waterways such as rivers, typically for people using small non-motorized boats, such as kayak and cances. Originally created by environmentaliats and conversationalists to encourage environmental awareness, they have evolved to be recreational routes on waterways with a network of a caces point. The Pracagouia River is the largest by volume unimpeded river in Aeconomy 24 States. This project will develop ecotourism the state state is the state of the state state state state state state and wistors. Trailneads will be constructed in four strategic locations along the river in Jackson County. A the State ST is water trail, it will be reve to strengthen and extend recreational apportunities for residents and visitors. Trailneads will be constructed in four strategic locations along the river. Each trailnead will provide amenties such as public boat and kayak launch, pavilions, paring for visitors, and a disk with an ang of the area. Although nev to the State of KS, water trails have been implemented in other states and studies have been conducted to measure their economic impacts. While dissinial in riber measurements and turing formation at a collection, each report shows that water trails can increase padies sports toorism and bring new none privide recreational activities. Increased tourism trails water waiter goorism constructions dolls to a community. The Recoglou Water Trail on the state in the state water trails in the state in the state state, strengtien Jackson Countyla ^{C+} stourism economy through travel on apply discussed by being the first Water Trail in the state, strengtien Jackson Countyla ^{C+} stourism economy through travel on analy waterways, gover cenzitonal opportunities with pronotido on the Paracagolua Water Trail with exercised States with through 4C Ceder creak area States with trained 4C Ceder creak area State	Jackson	Yes	No	Yes	70 Yes	Yes	No	Yes	Yes	\$ 3,000,000.00	Ş -		

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Workforce Development	5750 10/1	66/2017	MDMR Remote Setting Facility	The oyster industry is an integral part of the Mississipi Gill Cost 's economy, its history and its culture. The oyster industry has suffered parely because of several natural and man-made classifies ince 2005, including Hurricane Ratins, the BP OI Spill and three separate openings of the Bonnet Clare Spillway (2008, 2011 and 2016). In 2006, apyter fishemen in Mississippi harvested. Gor. Phil Bryant created the Governal's". Oyster Concol on Retoration and Resiliency in 2015, about 40,000 saks were harvested. Gor. Phil Bryant created the Governal's". Oyster Concol on Retoration and Resiliency in 2015, about 40,000 saks were harvested. Gor. Phil Bryant created the Governal's". Oyster Concol on Retoration and Resiliency in 2015, bout 40,000 saks teriting facility at the ort of Gulfport. This facility would assum increasing the production of the natural oyster refes along the Mississippi Davating would allow for the planning, construction, operations, and monitoring activities that will be conducted to evaluate and document restoration effectiveness. If awarded, the MDMN has the resources, procedures and personnel to mightement, MMM manage and openies and pare-cale remote set operation to help increase the production of the natural refs. Throbaced into the MS Sound and monitor the health and growth of those oysters. Remote setting is a method of production from that along yeter production. Bennets setting is hip roduction of oysters path y setting hathen-y nared luniae onto culch fluid material for oyster lange the obstotion or 1981, nutled or bottom cale answalf or over harvesting, policy lation from thathen along on oyster langes to attach ously healt, culude concrete or immetod gate remote setting was developed in the Pacific conses to low anture) of the chaspake and was attered bathen-y rared luniae onto culch fluid material for oyster lange the Pacific const and the Chaspake Bay reas of the United States. Remote setting was developed in the Pacific conses and the Chespake Bay reas of the Un	Harrison	Yes	Yes	No	Yes	Yes	Yes	No	No	\$ 9,360,000.00	ş -	
Workforce Development	5766 2/2		Reef Fish Community Permit/ Quota Bank	The Mississippi Examencial Tribueties United, Inc. proposes for funding a Mississippi Ref Trib. Community Permit/ Quota Bank Kassissippi Examencial Tribueties in the commencial call ref effit finites/missippi Ref Tribueties and solidukal finiting puota Banchiden. This project would help to increase commercial access to ref fish species such as red sangers a variety of groupers, a variety of Hallbh, and variants other fish apects the require a federal Guif ref fab permit to harvest formmercially. This program would also help to reduce dead discards in the reef fish floheny by providing the needed quota to harvest fain that would otherwise have to be discarded at sea. This project would group to market specification of the specification	Hancock,	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	\$ 1,000,000.00	*****	_
Workforce Development	5767 2/2	25/2018	Seafood Traceability and Tagging Program	The Mississippi Commercial Folderies United, Inc. proposes for funding a Mississippi Senfood Traceability and Tagging Program. This program vous provide an electronic pattern (i.e. sum to phone, tablet, and compate) and physical tags for commercial fishermen to improve domestic scatbod traceability and help to eliminate fraud in the scatbod industry. The need for this program arises from the prevalence of Illegal and unreported scatbod sales that undercurrent honest and legal scatbod harvesters and businesse. This program vould provide electronic reporting and tagging capabilities for commercially harvested marine species such as specified to use of this, flounder, shrinm, blue crabs, and oxytess. Similar programs have been implemented in federal fiberies with gers stacks. In addition to eliminating fraud in the local scatbod marketplace; this program vould help promote domestically caught salesdo and provide a story to the who, wind when the seadod uses caught. This program would also help to increase the value of Mississippiä ⁴²⁺ s commercially harvested aethood. Funds would be used to create a smart phone conduct outreach to fisherment. An incentive base program is suggested to encourage participation in the program.	Hancock,	i Yes	No	No	Yes	Yes	Yes	Yes	Yes	\$ 1,000,000.00	*****	_
Workforce Development	5768 2/2		Off-Bottom Oyster Aquaculture Advancement & Investment Program	The Mississippi Commercial Fisheries United, Inc. proposes for funding a Mississippi Off-Bottom Oyster Aquaculture Advancement & Imestiment Program. Off-bottom oyster aquaculture has been proven successful in surrounding states and is currently pending generit approval in Mississippi terroriant waters. This program would hele stabilities a cooperative for potential off-bottom oyster fammes and investment capital to help jump start the off-bottom oyster aquaculture industry in Mississippi Controlling and a help to increase Mississippi versional stoppis productions and proved structures to Mississippi Controlling and the help increase Mississippi versional version of potential conomy. Currently, obtaining sufficient investment capital is a barrier to entry in the off-bottom oyster aquaculture industry. Preliminary estimates place the cost of entry into the industry at about 550,000 per arer. The program proposed would give traditional oyster hanvesters and oyster industry members priority to access funds that could be used to establish private off-bottom oyster fammes.	Hancock,	i Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	\$ 10,000,000.00	\$ -	
Workforce Development	5771 2/2	25/2018	Shrimp Industry Task Force (Advisory Panel)	The Mississippi Commercial Followins United, Inc. proposes funding for the establishment of a Mississippi Skrimp Industry Task Force. The purpose of the task force tasking reage stabeholders throughout the string industry to him forth stees and encommentations to implement sustainability projects and management messures. Mississippi currently does not have a shiming industry task force: The task force sould not have any regulatory power and would only be able to provide recommendations to the proper state and/ or federal governing bodies. This program reguest funds to conduct meetings, outrach, and procure certain equipment necessary to fulfill the objectives of the task force. That's would be used to search reserve and the state state of the objectives of the task force. That's would be used to search exercise grames, sportint and compressite task force members for time contributions; purchase technological equipment to record and broadcast meetings; and conduct outreach to the shrimp industry and local community.	Hancock,	i Yes	\$ 250,000.00	ş -								

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Workforce	5777	4/10/2018	Sustain American shrimp	Overview of the Mississippi processing industry:	Harrison,J	res	No	Yes		Yes	No	Yes	res	NO		\$ 2,400,000.00		
Development			processing industry with	The U.S. Shrimp processing industry is located in the five Gulf States region. While processors are shrinking in number,														
			strategic investments	Mississippl's six processors have increased their share of the domestic shrimp processing market, processing approximately														
				30 million pounds of shrimp each year compared to Mississippi's 6 million pound annual catch.														
				Processors are the crucial first link in the supply chain that delivers fishermen候s harvests to the U.S. market through retail														
				distribution, food suppliers and restaurants. Shrimp processed in Mississippi have a \$100 million value when exported from														
				Mississippi into the supply chain, a significant value-added industry, with significant economic impact on the state of Mississippi. Mississippi processors provide 2,300 jobs to the state of Mississippi, directly and indirectly. Jobs directly attributed														
				to processing hit a post-Katrina high in 2015, more than 1600 å€" even in light of direct processing jobs in Gulf states shrinking														
				from 14,000 to 11,000 in the same time period. And, while the number of Mississippi processing jobs has fluctuated since 2006														
				due to natural and man-made catastrophes, it has bucked the national trends, growing when the U.S. number of processing jobs														
				was in decline. Mississippi〙s ability to grow this industry〙s output, and economic impact in a stagnant / shrinking national														
				industry demonstrates that with strategic investment in innovation, growth has occurred and can continue in the future.														
				industry demonstrates that with strategic investment in innovation, growth has occurred and can continue in the lottere.														
				For more than a decade, Americans have consumed more shrimp than any other type of seafood, and the amount of shrimp														
				that Americans are consuming continues to rise. In fact, in 2017, Americans ate an average of 4.4 pounds of shrimp per person,														
				compared to 4.1 pounds in 2009. And 4.1 pounds of shrimp per person is nearly twice the per-capita consumption in 1990.														
				Wild shrimp harvesting and processing are heritage industries of the Mississippi Gulf Coast, inextricably tied to our past, but														
				that can be preserved and sustained for the future with the proper strategic investments. Mississippi's six processors have														
				demonstrated resilience and innovation in the face of challenges. To capitalize on this opportunity, the industry and individual														
				businesses within it must achieve the premium product positioning of wild caught domestic shrimp in the mind of consumers.														
				And through sustained and strategic marketing efforts, reap the economic benefits of a higher price through every level of the														
				supply chain, including fisherman.														
				The challenges:														
Workforce	5864	12/14/2018	Pearl River County Open	Objectives - Pearl River County Open Broadband Fiber Internet is an exploration of the economics and methods of providing	Pearl Rive	Yes	No	Yes		Yes	Yes	No	Yes	No	Since this i	\$ 500,000.00	ş -	
Development			Broadband Fiber Internet	open access high-speed broadband fiberoptic internet access to all of the county. Open access provides the fiberoptic infrastructure while providing equal access to internet service providers to service their customers. Fiberoptic infrastructure														
				infrastructure while providing equal access to internet service providers to service their customers. Fiberoptic infrastructure installations are essentially infinitely wide thus only the electronics limit the speeds provided to the customers.														
				installations are essentially infinitely wide thus only the electronics limit the speeds provided to the customers.														
				There is little to no competition for affordable high-speed internet in the county if it is available at all. What is available is eithe														
				low speed or unaffordable for the majority of the residents. Broadband is not an ordinary product. It is essential infrastructure														
				at the platform on which most commerce now depends. It has high start-up costs that take years to recover. When														
				telecommunications prices are too expensive or speed too slow and unreliable, all businesses and residents suffer. Much like														
				towns bypassed by canals, rails, or highways, future prospects are bleak for communities without adequate access to the														
				Internet. Communities that do not invest in their own next-generation networks will likely not see any significant broadband														
				investment in the near future.														
				Benefits - Benefits include encouraging economic development, increasing access to education, and improving the quality of														
				life. Many of the benefits are indirect, or spillover effects in economic terms. Lower prices for telecommunications services														
				mean more money in household and business budgets, and new jobs and business expansions mean increased tax revenue for														
				local governments. These benefits to the community result in no direct benefit to the network owner, which is why private														
				companies like Spectrum and AT&T have less incentive to invest at this level. This project候s mission allows it to incorporate														
				indirect benefits to the community when evaluating its return on investment. A private company evaluates its success in some respects based on the amount of money that flows from the host community to distant investors, a public network maximizes														
				the money left in the community.														
				Activities â€" Grant funds will be used for forming a board of directors, consulting with the various advocacy organizations,														
				obtaining legal advice, attending trade shows to evaluate vendors, providing accounting, and various ancillary expenses.														
				Expected Outcomes â€" The business plan will be the ultimate goal of this project. It will determine the budget, sources for														
				funding, methods and routes for fiber installation, and organizational structure. The expectation is that the recent population														
Workforce	5870	2/11/2019		n-Mississippi Gulf Coast Community College proposes the Gigabit Gulf Coast and High-Tech Workforce project which will include	Harrison	Yes	No	Yes	1	5 Yes	Yes	No	No	No		\$ 26,000,000.00	ş -	
Development			Tech Workforce	the deployment, physical installation and connection of a Gigabit Gulf Coast fiber infrastructure tailor-made to meet the														
				Coast's unique needs and requirements. In addition, MGCCC proposes to construct a Center of Excellence for Advanced														
				Technology and offer high-tech workforce training to include Cybersecurity, Coding, Artificial Intelligence, and Virtual Reality.														
				Mississippi Gulf Coast Community College (MGCCC) can play a unique role in helping to unify the disparate entities on the coast														
				to accomplish these tasks.														
				The broadband infrastructure of Mississippi has largely been in the hands of giant businesses with agendas that may not align														
				with the interests of businesses, governments, or citizens of the Gulf Coast. In 2019, the Mississippi Broadband Enabling Act														
				was signed into law, which allows electric power cooperatives across the state to offer high-speed internet service to its														
				was signed into law, which allows electric power cooperatives across the state to offer high-speed internet service to its customers. Once a core cyber ring is in place, this law would allow the electric power cooperatives to take high-speed Internet														
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	Workforce		4/40/2011	Sustain American shrimp	The U.C. Challen an exception induction is invested in the flow Cold Galaxy sector. Milling and sectors a sector is a sector of the sector of	the set of a	¥		Vee	1	W.s.s		¥	¥		1.	8.400.000.00		
	Workforce Development	5/77	4/10/2018	Sustain American shrimp processing industry with strategic investments	The U.S. Shrimp processing industry is located in the five Gulf States region. While processors are shrinking in number, Mississippi's six processors have increased their share of the domestic shrimp processing market, processing approximately 30 million pounds of shrimp each year compared to Mississippi's 6 million pound annual catch, a crucial part of the Blue Economy, both economically and environmentally.	ackson	res	NO	res		Tes	NO	res	Tes	NO	s	8,400,000.00		
					Processors are the crucial first link in the supply chain that delivers fibremen's harvests to the U.S. market through retail distribution, food suppliers and restaurants. Strimp processed in Mississippi have a \$100 million value whene peopried from Mississippi into has supply chain, a significant value-aded industry, with significant economic impacts on the state of Mississippi prior basissippi processors provide 2,300 pols to the state of Mississippi into the output of the state shrinking to processing the source-training bin routor, more than 1000 effective of direct processing bios in Guit states shrinking constraints and source-training bin routors. The source of the state of Mississippi route source shrinking and the processing the source-training bin routor, more than 1000 effective more sing bins in Guit states shrinking constraints with a source source and bins in the source source source source source and bins in the source source source and bins in the source source and bins in the source source and bins in the source source and bins in Guit states shrinking constraints with a source source and bins in the source source and bins in the source source and bins in Guit states shrinking constraints with a source source and bins in the source source and bins in Guit states shrinking constraints with a source source and bins in the source source and bins in the source source and bins in Guit states shrinking constraints with a source source and bins in the source source source and bins in the source source source source and bins in the source source and bins in the source source and bins in the source source source source source and bins in the source source source source source and bins in the source														
					from 14,000 to 11,000 in the same time period. And, while the number of Mississipp processing jobs has fluctuated since 2006 due to natural and man-made catastrophes, it has bucked the national trends, growing when the U.S. number of processing jobs was in decline. Musissippi's ability to grow this industry's output, and economic impact in a stagmant / shrinking national industry demonstrates that with strategic investment in innovation, growth has occurred and can continue in the future.														
					For more than a decade, Americans have consumed more shrimp than any other type of seafood, and the amount of shrimp that Americans are consuming continues to rise. In fact, in 2017, Americans ate an average of 4.4 pounds of shrimp per person, compared to 4.1 pounds in 2009. And 4.1 pounds of shrimp per person is nearly twice the per-capita consumption in 1990.														
					Wild shring harvesting and processing are heritage industries of the Missispipi Gull Coast, inextricably tied to our past, but that can be preserved and sustained for the future with the proper strategic investments. Mississippi's six processors have demonstrated resilience and innovation in the face of challenges. To capitalize on this opportunity, the industry and individual businesses within it must achieve the premium product positioning.														
	Workforce			Linmanned Aircraft	Competition within the U.S. shrimp markets with foreign producers is expected to continue as aquaculture producers utilize more direct transportation routes and find ways to reduce production and transportation costs. The aquaculture industry also has the ability to grow products to meet expected consumer preferences and deliver those products to markets in a uniform												3 250 000 00		
	Workforce Development	5876	3/4/2019	Systems (UAS) for Disaster Relief and Response	Mississippi's first responders have a substantia level for real-time, prioritized and on-demand aerial imagery and other altores capabilities to support natural disasters such as oil sogilis hurrineen, floods and milers. Altoreen imagery provides up-to-the- minute information to support critical decisions on the allocation of response personnel, equipment and capabilities to save lives in the immediate aftermath of a disaster situation.	arrison,W ashington ,Orleans, Perry,Forr	Yes	Yes	Yes	729	6 Yes	Yes	Yes	Yes	Yes	5	3,250,000.00	\$ -	
					Ummanned Aircraft Systems (UKS) are capable of providing high-quality, prioritized and persistent aerial imagery for sustained periods. Today's UKS technologies can provide: - Up to 12 hours of uninterrupted, high-resolution imagery or communications relay capability in a single mission; - On-demand prioritization and re-aliocation of capabilities at the direction of the on-scene commander; - Delivery of melicial supplica and support to areas that are inaccessible to first responders;	est,Pearl River,Jack son,St Tammany ,Stone,Ha													
					 Relief from aircrew limitations due to the ability to rotate crews over the duration of a single flight, and Reduced operating costs per flight hour when compared to many manned aircraft. The routine and normalized employment of UAS to support disaster response and relief efforts provides an exponential increase.	ncock,Mo bile													
					in Mississippi's capability to restore services, limit damage to critical infrastructure, and to save lives.														
New	Workforce Development	5876	4/16/2019	Unmanned Aircraft Systems (UAS) for Disaster Relief and Response	Mississippi's first responders have a substantial need for real-time, prioritized and on-demand aerial imagery and other airborne capabilities to support natural disasters such as oil spills, hurricanes, floods and fires. Airborne imagery provides up-to-the- minute information to support critical exclosions on the allocation of response personnel, equipment and capabilities to save lives in the immediate aftermath of a disaster situation.	George,H arrison,W ashington ,Orleans, Perry,Forr	Yes	No	Yes	7:	2 Yes	Yes	Yes	Yes	Yes	s	3,250,000.00	\$ -	
					Ummanned Atricrith Systems (LMS) are capable of providing high-quality, prioritized and persistent aerial imagery for sustained periods. Today's UAS technologies can provide: • Up to 12 hours of uninterrupted, high-resolution imagery or communications relay capability in a single mission; • On-demand prioritization and re-alilocation of capabilities at the direction of the on-scene commander; • Delevery of medical supplies and support to areas that are inaccessible to first responders; • Relief from aircrew limitations due to the ability to rotate crews over the duration of a single flight; and • Reduced operating costs per light hour when compared to many manned alicraft.	est,Pearl River,Jack son,St Tammany ,Stone,Ha ncock,Mo													
					* nequect operating costs per inger four when compared to main manned anclar. The routine and normalized employment of UAS to support disaster response and relief efforts provides an exponential increase in Mississippi's capability to restore services, limit damage to critical infrastructure, and to save lives.	Dire													
New	Workforce Development	5879	4/17/2019	KHSA Assault Landing Strip	This 4000' X 60° concrete Assault Landing Strip (ALS) will be constructed adjacent to the Airport's runway and provides needed training to local and transient US Military forces. The ALS supports Keeller Air Force Base's 403rd Tactical Airlift Wing, BS1b Tactical Airlift Supakon and 33rd Hurraine Huritary training missions. This specific designed asset will support trainisnic T-33 and the super training training the super training the super training training the super training trai	Hancock	Yes	No	Yes	10	D Yes	No	No	No	Yes	s	7,627,318.00		
					airwings and joint warfighting training & readiness training. This project supports Naval Special Warfare (Special Boat Team 22 (BET2), Naval Bruch Lordin Istruction & Technical Training School (MWSCLRTS), and WARCOM) a NASS John C. Stemis Space Center, the U.S. National Guard's Combat Beadiness Training Center (CRT) as Gulfport-Biotis International Argort (GPT)and the State's Camp Shelby. This project will support, Mississippi State University's ASSURE Center for Unmanned Aerial Systems (UAS, Vertical Tak-off & Landing Platforms (Both Cr+22 & helicopters) and horizontally launches spacecraft as the Hancock County Port & Harbor Commission seeks Mississippi State don't Federal Aviation Administration (FAA) Space Port License.														
New	Workforce Development	5880	4/17/2019	Gulf Coast Mitigation Credit Program	Wetlands mitigation costs have historically been identified as a hinderance to economic development throughout the Mississippi Guil Coast Region. SMPDD seeks to secure a pool of readily-available wetlands mitigation credits from private sector	Hancock,J ackson,H	Yes	No	No		Yes	No	No	No	No	s	1,500,000.00	****	
					mitigation bank inventory for use on qualified, Copys-permitted projects, leveraging volume purchasing power to deliver significantly discurated credits and facilitate accouncid evalyopment efforts. Using the requested facilitate is down't the price of available credits will accelerate mitigation credit availability, and substantially decrease mitigation costs which have long served as barriers to potential projects.	arrison,													
New	Workforce Development	5881	4/17/2019	Harbor Expansion Parking Area	Along the beachfront, adjacent to the Gulfport harbor, across from the upcoming Aquarium attraction, and with access to downtown's food and beverage, garning, and lodging, the area around Gulfport's Iones Park / Barksdale Pavilion has become the Ciry's hub for tourism.	Harrison	Yes	No	Yes	7	5 Yes	Yes	Yes	No	Yes	Ş	2,000,000.00	\$ -	
					parking. Complimenting an adjacent lot, the proposed expansion of parking along the eastern edge of Jones Park will promote workforce development by providing additional areas for workers to park, will provide visitors access to to tourism, nece-tourism, and recretational advittiles, provide additional public access for residents and visitors to the beach and fishing opportunities, provide access to the educational benefits associated with the new aquarium. Ultimately this parking area will ensure inadequate parking will not stifle editory to booming economic development.														
					This additional parking will complement the proposed expansion of the Gulfport Harbor. It is proposed at the southeast corner of 20th Avenue and U.S. Highway 90 and will be asphait-paved and striped to match adjacent areas. Any end cap islands will be constructed with curb and gutter and landscaping commiserate with the area will be added.														

								-	_											
2W	Workforce Development	5882	4/17/2019		Development of on-site facilities at Missispip Aquarium to house ambasador animal collection that the aquarium uses for educational outreesh to that the aquarium and at schools throughout the state. The facility uill loss onlinge our on-site animal holding and treatment capacity to care for more animals on site and provide space for maintenance shops to handle rebuilding of pumps and equipment to increase life expectancy. Small office space for the maintenance shops to handle rebuilding included. This space will provide opportunities to partner with Mississipp inplare docational institutions such as USM Educational Program, USM Marine Research Center, MSU Veterinary Program, MSCCC Veterinary Technician Training Program, as well as creating opportunities at the high school level. This building would go on the footprint of the Masonic Lodge Building.	Harrison	Yes	No	Yes		Yes	Yes	No	No	Yes		\$ 1,750,000.00	\$ -		
lew	Workforce Development	5885	5/2/2019	Development of	The ABC will build the body of howledge around the growing One Hoath movement, a collaborative effort of multiple balls science professionals diff valentiary modeline, heurian medicine, environmental, visifiliar and public hash &f to atrain optimal health for people, animals, willidle, plants and our environment. By exploring the connection between health and the environment, this interdisciplinary approach can help protect present and future generations. Over the last three decades, approximately 75% of new energing lineficious discuss. How been to anothic, meaning the discuss discuss have been to construct any entropy of the discuss and the line balls is critical to our future, yet much of the work in this sea has been focusion of intervironmental health is critical to our future, yet much of the work in this sea has been focus on terretrist largenesis. By exploring the connection between health and the environment, The ABC can help protect present and future generations. Given the centrality of water to human file, and the gravel diversity of species and habitas core coan supports, there is an ugent need for execut-float cost on appact cosystems. Not only will this research load to a grave understanding of the public health risks of contaminated scalood, beaches and water, but it could also lead to new treatments and medicines that are marine based. This space will provide opportunities to partner with Mississippi's higher educational institutions such as USM Educational Program, USM Marine Research Center, MSU Veterinary Program, MGCCC Veterinary Technician Training Program, as well as creating opportunities at the high school level.	Harrison	Yes	No	Yes		Yes	Yes	No	No	Yes		\$ 2,500,000.00	\$ -		
lew	Workforce Development	5896	10/7/2019	STORM SURGE BARRIERS FOR BAY ST. LOUIS & BILOXI BAY	I HAVE A NEW CONCEPT FOR THE DESIGN AND CONSTRUCTION OF HUBBICANE STOM SUBGE BARRIES, BARRIES, THAT ARE SECRIFICALLY DESIGNED FOR OUR UNDUE BAY MOUTHS. THAN'E THA PRPROVIDE OT THE CONCEPTS BY CLARK STANAGE, WHO IS THE LOAD WATER CONTROL ENGINEER FOR THE WEST COAST US ABMY CORPS OF ENGINEERS, AND HAS BEERS JO FOR THE PAST 30 YEARS. THE MOME PHONE HIS (305) (437-252). WH WAST HEST OF SLANGS ACTIONS THE BAY MOUTHS. SEPARATION THE SLANDS ARE CONCERE CLUVERTS, WITT HAT BOTTOMS FLUSH WITH THE BAY FLOORS. THEY HAVE VIETICAL SIDES, MOTOS. HINGED TO THIS SIDE 5 THE LOUVERTS ARE STOMMS CANSE BARRIER BACTS, SIMILAI' IN CONCEPT LO SLATER SATORS AND THE INCOMING WATER CLOSES THEM. TO AVEL A YEE SIMILAR TO THE BOW OF A SHIF AND THE SLANDS ARE CONCERED TO SLATE SCIENCES THE LOURERS ARE STOMMS THE SLATES START TO TO SH. THORE TO TO THE SIDE 5 THE LOUVERTS ARE STOMMS ANGRE BARRIER BACTS, SIMILAI' IN CONCEPT TO CATEL BARRIER ARTORS. THE MOUTHING AND AND THE SLATE STORT SUBRE BARRIER BACTS, SIMILAI' TO THE BOW OF A SHIF WATER ALOUDED. THE MOUTHING AWAYS. THE STORM SUBRE HARE HER LOUDS THE GATES START TO FLOAT, AND THE INCOMING WATER LOCES ST THEM. TO A VIEW OF A HIGH THE THAT THE CATES START TO FLOAT, AND THE INCOMING WATER LOCES ST THEM. TO A VIEW OF A HIGH THE THAT BOW OF A SHIF WHICH WILL BERER APROACHES DURYS, AND THE STORM SUBRE HIGH WATER HOLDS THE GATES BACK DORE. THE AWES START TO FLOAT, AND THE INCOMING WATER LOCES ST THEM. TO A VIEW OF A SHIFT HAVE ARE NOT LOCED CLOSED. WHICH WILL BERER AND ALLEADO BRIDGES I. THE ATTER SIDE THE GATES BACK DORE. THE THE PLATE SANCK DENS. THE CONCERT CLUVERTS, AND ALLEADO BRIDGES AND ALLEADO BRIDGES THE CONCERT FE CLUVERS AND ALLEADO BRIDGES FOR THE CONCERTE CLUVERTS, AND ALLEADO BRIDGES COMPANIES FOR THEIR ASSISTANCE. FURTHER PLANS AND LOCATION DRAWINGS ARE AVAILABLE ON REQUEST.		Yes	No	Yes		Yes	Yes	Yes	Yes	Yes	COMPLET E PROTECTI ON FROM STORM SURGE	\$ 100.00	\$ -		
	Workforce Development			of Art Creative Complex	The Walter Anderson Mulcaum of Art requests 51,554,000 for Phases 2-4 of the Creative Complex, a campus expansion for castal discovery and innovation, public access, and quality of life engowered by immersion in the natural wordt. The Creative Complex, a combined 15,000 square feet of Interior and extentor spaces and public parters, will be a center of deducation and recreation where voltsors make connections to 321 century inardscepe and applications, including those in science and technology, aquaculture and foodways, tourism, environmental stewardship, and restoration. The purpose of the project is to cultivate lifeoing curvoisty and connection to place through the convergences of culture, economy, education, and the environment. As American authori Wendell Berry writes, & KonVetter antur on propie alone can produce human sustemance, but only the two together, culturally wedded. Ale: Art, as a force for meaning-making and cultural resonance, is critical to the story of the Guil Coast's resiliency. Walter Anderson's at cumulates to the region's public education systemic, tourism and community development, and consorcition police human sustemance. Bud State education systemic, tourism and community development, and consorcition police human sustemance. Bud protect them. WAMA's partners in science and restoration, including The University of Southern Mississippi Marine Education Center and the Grand Bay National Estuarine Research Reserve, are looking to atr to communicate about complex systems. & & & & & & & & & & & & & & & & & & &	Jackson	Yes	No	Yes			Yes	No	Yes	Yes		\$ 2,500,000.00			
lew	Workforce Development	5900	4/30/2020	TYR Resolution	Transitional housing for vetrams to assist in stabilizing their return to being a productive citizen. Purchae property to house up to 6 veterans composed trans programs within the Billos Git Casa Veterans Health Care ysteen (NA hospital). Mether they are coming out of the PTSD, Alcohol or Drug rehabilization they need a place for temporary housing until HUD/ASH can get them long term housing—rather than nusling them into a doing trafficking location or a similar non-heatily recovery location. Currently, several go back out to homelessness and return to being a problem to society. This facility would provide them 24 hour management, temporary helter in a clean environment, provide ford and counseling on sits, as well as retail experience working on site, thereby, starting a working resume. A coffee shop would be built on this property to provide a jol for these vetrans transitioning without them having to work about then starty active that salt vacant form work as well as provide continued income for sustainability for this program. This stage is estimated to cost 31.5 Million and provide the stata of Mississipa Valuable productive tas projec (tathers, provide the dt va property that has is vacant for 10 pears to be used, property tases paid and rid of rats and vermin -along with business growth, homelessness resolution, crime reduction and self sastaining citizens. (I full time employee and 3 part time employees)	Harrison	Yes	No	Yes	35	Yes	No	NO	Yes	No		\$ 1,500,000.00		and Icquisitio	

Image: Set in the set																				_
Image: Solution of the state of the sta	New		5947	11/25/2020	PAWS (Pets and Wildlife) Exploratorium	location. Set in a nature-inspired landscape, the PAWS Exploratorium will provide an esthetically pleasing venue at the juncture of 2ths Treter and highway 49 and we will also get with the durf Cast Restoration initiative to create a nature trail in conjunction with the new facility. This new area will Focus on education and conservancy of all animals while also focusing on the human component of humanity-which is already at the center core of HSSM's mission and ingrained culture related to animal welfare and humanity.	Harrison	Yes	No	Yes	90) Yes	Yes	No	Yes Ye	25	:	\$ 1,123,500.00	aannaan	
Image: Market						competitive with surrounding aquatic organizations. The facility will feature live engaging exhibits with animals such as turks, parkes, opossium, accosins, etc., enhanced interactive detactional logorotimities, biditeriv's activities, samal Re-Tail store, various nature traits for bird watching and a politicator path. The Exploratorium will also be open and available to other animal welfare organizations, such as Wild at Itera Tescue and Auduoth MS and can be a destination for several local summer camps														
Image: Simple						partner organizations. This new facility will perpetually support HSSM's lifesiving efforts and strine to educate the importance of animal welfner, preservation, oncervation and humanizations. We will see guidance from toga architect consulters that have worked on tourist engaging projects in order to create an engaging and interactive experience for all attendees.														
Number 1.2 Number 1.2 Number <						plant to sustain PAVK5 by funneling Club Paw summer camp registration fest back into the program and by requesting parent/tracker organizations to provide a small fee for structures and charge admissional adult (fee so reach tour/education assion as well as special event rental fees. Because of PAVS HWF 40 location-a major tourist access road- and its proximity the Aquarium, we pain to partner with the Aquarium and possibly the institute for Marine Mammal Studies to offer joint tourism tickets. In addition, we will use our extensive individual & corporate donor network as we have an established Andrataing pathorm for our miscion bacel initiative. We will also share trained MSSN stiff with the new facility and														
NAME			22	10/19/2013	PVRV Resorts	Build PV carports high enough to park motorhomes, trailers and even mobile homes in the shade. The idea is to make money from thesun and from renting recreation spaces in the shade.		, Yes	No	No	Yes	Yes	No	Yes	Ye	25	:	\$ 1.00	\$ -	
Image: Note: Image: Not: Image: Note: I			47	10/23/2013		Coast's 26-mile man-made beach into a flourishing linear park along the Gulf of Mexico. A linear park that will be a touted haven for tourist, significantly enhance the Gulf Coast environmentally and provide the state of Mississippi with a preeminent eco- tourism destination.	Harrison	Yes	No	No	Yes	Yes	Yes	No	Ye	es		\$ 100,000.00	\$ -	
Name Number Name <						Mississippi Gulf Coast will see a transformation from a "budget beach" to a transcendent park nestled between scenic Beach Boulevard and the Gulf of Mexico - a truly unique and premier landing-place developed with the environment, tourism and														
Image: Note: Solution: Solutio: Solutio: Solution: Solution: Solution: Solution: Solution: So			77	10/27/2013	Wildlife Rehabilitation Center	1. Land acquisition 2. Construction 3. Management & Administration of WCRC main mission	n/a	Yes	No	No	No	No	No	Yes	N	0		\$ 1,368,000.00	\$ -	
Image: Not and the state of the state o						Harrison County and also for properties which have at least power, water and sewer service on site. Further preference will be towards parcels with standing homes and or barns to reduce construction expenses. Smaller parcels within this size range may be favored to reduce continuing expenses. A donated parcel of land in the interim would eliminate this component of the														
Image:						separate protected rehabilitation space for animals in recovery. Animal enclosures of various characteristics and size would be needed. The largest of these would be an eagle flight cage built to the size and material regulations set by US Fish and Wildlife. It would be the wonly one of its kind in the state and, contingent upon occupancy, be available to house eagles in need from all to a state of the state of the state and contingent upon occupancy. Be available to house eagles in need from all to an eagle of the state of the state and contingent upon occupancy. Be available to house eagles in need from all to the state of the state of the state and contingent upon occupancy. Be available to house eagles in need from all to the state of the state of the state and contingent upon occupancy. Be available to house eagles in the state and contingent upon occupancy be available to house eagles in need from all to the state of the state and contingent upon occupancy be available to house eagles in eagle flaght occupancy be available to house eagles in the state and contingent upon occupancy be available to house eagles in the state and contingent upon occupancy be available to house eagles in the state and contingent upon occupancy be available to house eagles in the state and contingent upon occupancy be available to house eagles in the state and contingent upon occupancy be available to house eagles in the state and contingent upon occupancy be available to house eagles in the state and contingent upon occupancy be available to house eagles in the state and contingent upon occupancy be available to house eagles in the state and contingent upon occupancy be available to house eagles in the state and contingent upon occupancy be available to house eagles in the state and contingent upon occupancy be available to house eagles in the state and contingent upon occupancy be available to house eagles in the state and contingent upon occupancy be available to house eagles in the state and contingent upon occupancy														
V V						on wildle and our environment. This portion of the award would cover operational and administrative expenses such as taxes, insurance, and other scheduled recording costs. Fundralising efforts would continue and help support the more daily expenses such as animal food and veterinary care currently encountered. To further this mission, we propose a full-time paid director and a volunteer coordinator be funded for the term of this project. They would administer the grant and the execution of the project under direction of our Board of Directors and fulfill the sime-intensive roles indicated by their titles.														
Education 11 10/11/2013 Size Chrostian - East Haloo The billion and adjacent mainland of the size and adjacent the property tick and ways, and Graveline table, supported Size and Pizze and Bild Size and Si						and increase the level of training for our volunteers. This will be accomplished by enrolling volunteers in state, regional and														
Education Expansion pols in 3 years). CM2 grant and P2 block grant. The 22 work have basin, designed to 10 ft. depth, includes 136 years to 10 ft. de			95	10/31/2013	restoration/preservation	of the Island and adjacent mainland lot I have sought partners from the City of Gautier, Land Trust and Conservation Fund to acquire and implement the restoration and construct the pile supported Island walkways and Graveline Bayou vertook. Land acquisition and construction is estimated to be less than 4940,000. It would be good to name the project the Jean Baptiste	Jackson	Yes	No	No	Yes	No	Yes	Yes	62 N	D	:	\$ 490,000.00	ş -	
Image: Search and Education			96	10/31/2013	Expansion	Jobs in a years), CMAP grant and BP block grant. The 22- acre harbor basin, dredged to D10, depth, includes 164 recreational and commercial boat slips, SB truck/truling parking slips, 253 automobile particips slips, 4 truck/truling vacessed boat ramps, landscaping, water/sever and electrical infrastructure and 2 public restroom facilities. An elevated access structure along the east breakwater perimeter allows public access for fibring and will serve as base of operations for commercial seafboo operations. Additional items include signage denoting protected and endangered species and public information regarding invasive aquatic species and how to prevent spreading. The design includes approximately 240 recreational and commercial alies bust approximately 75 slips were bid as alternates due to funding constraints. Additional items (acude signed and bid as alternates are a spash pad/spray park, pier for commercial operations related to shrimp of floading, additional public restrooms and improvements to existing harbor care serving commercial operational terms is consider funding include spublic and improvements to existing harbor care serving commercial operations. Additional items (consider funding include public restrooms)	Harrison	Yes	Yes	No	Yes	Yes	No	Yes	Ye	25 CC	ommercia	\$ 3,500,000.00	\$ -	
Education Image: Sevent to the Tribuotacebook flawer. Approximately 45 acres are on Cedar tale island with the remainder on the mainland. The property connects with approximately 45 acres of preserved and Trust property. Image: Sevent to the Tribuotacebook flawer.						designed to meet clean marina program criteria. Construction completion at 10/31/13 is approximately 50%.														
Education Forest on its southeast and north boundary. Conservation of the parcel would preserve natural springs flowing into the Biloxi		Education				adjacent to the Tchoutacabouffa River. Approximately 2 acres are on Cedar Lake Island with the remainder on the mainland. The property connects with approximately 45 acres of preserved Land Trust property.			No	No	Yes	No	Yes	Yes	20 N	0				
			1146	10/7/2011	Biloxi River	Forest on its southeast and north boundary. Conservation of the parcel would preserve natural springs flowing into the Biloxi	Harrison	Yes	No	No	No	No	Yes	No	N	0		\$ 750,000.00	\$ -	l

Normal 100 1000 Normal Processing of the second sec																			
Linker Linker Mark Marker Marker Marker Mark Marker Mark Mar	research and Education	1152	11/9/2011	esse Monicipal Hirbor Improvements	Downtown. Proposed projects consist of: 1. The City proposes to construct Pier 5 inside the BSL Harbor. The project consists of permitting and coordination with regulatory agencies, design, bidding and construction of a new 10 wide timber pier with concrete piling associated water and electrical utilities and lighting. The BSL Harbor has proven to be an economic driver for Hancock County and BSL since it's add approximately 18 65' wet slips and approximately 23 33'-40' wet slips. These slip sizes represent the size range in most demand, all current slips in this size range are leased to long term slip holders. 2. Planning and preparing a maintenance dredging plan for SSL Harbor dredging and for removal of approximately 60,000 CY of material from the BSL Harbor basin. The planning stage will consist of flydro graphic surveying of all canals and the harbor basin to determine the amount of material which needs to be dredged and utilized for makin retoration. 3. Bay SL Louis proposes to extend the existing Day Pier which is located adjuent to the Rutherford Pier at the Municipal Harbor. The Day Pier is used Jaily to dock local transient vesses which frequent the area. The extension	Hancock	res	res	No	Yes	No	res	res		8	5 4,30	o,000.00	· ·	
Education Line Areal Network Simulation		1156	9/26/2011	Point Cadet Preliminary Planning	halb for BP, PLC's clean up operations following the oil spill. This project presents a unique opportunity to enhance the environmental quality of file along the QII of Mexica and minory the trace alor syn future energency response. Point Cadet ha long had the support of the State of Mississippi and is eligible for funding from the Mississippi Public Trust Tidelands Fund. Completion of the project would merge Bioli's fishing herefungs, commercial and recreational marine access, and QII of Mexico education opportunities into one location open to the public. The improvement of Point Cadet would also enhance preparedness for any future Cuil Catatoric public voltage scitting stagin graves. While the project has the full support of the State of Mississippi, additional funding in the amount of SIJ.0800,000 is needed to complete this project. The Tubane Regional (than beign center (TRUCC) and 6 Achitecture students have been working possible for accommodating the new Seafood Industry Museum along with a marina expansion, small retail locations, covered open spaces for fistivals and famers' markets, a hildren's Parket, Valle Regioner and the public amounts. On State State of Mississippi Acubic Tuber Regional is discussible to the public. The meeting allowed students to both share their work and encourage members of the public discussible ther would like to see the Point. The group has worked colory with BiOM Mayor AL Holloway and other chy officials, and will tailor their proposals to incorporate what they have learned from the public and the administration. A consolidate plant and raws from the student's individue whore wave Reisond from why the State diversely with BiOM Mayor AL. Holloway and other chy officials, and will tailor their proposals to incorporate what they have learned from the public and the administration. A consolidate plant that draws from the student's findividues presented from the public and the administration. A worked with H3 Architectus the students' findividues provente working	Harrison	Yes	No	No	Yes	No	No	Yes	Ĭ	es	\$ 10,80	0,000.00	\$ -	
Education With Relativistic Previous Section State previous Sectin State previous Section Sta				Area/Blueway & Greeway	resources that start in the upper reaches of Harrison County and drains some 75 square miles of watershed that eventually enters Back Bay and then the open waters of the MS source. The City has acquired CAP and Teldands funds to make limited investments in procuring sensitive lands for conservation purposes. The Tchoutacabouffa River watershed has been studied by the MOEQ as part of the Coastal Independent Streams Basin. At present, the City and the Land Trust for the MS Coastal Plain whey partnered to expend CAP funds to purchase streams also grouperies in association with the proposed Newside Park tract, just north of Lamey Bridge Road. Now is the time to acquire available properties along various parts of the invert for conservation and public access purposes. B Plinds of S13 Mar erequested to purchase property effect developed to further	Harrison	Yes	No	No	No	No	Yes	Yes	10 1	10	\$ 3,50	0,000.00	****	
IndicationIndicationFacilityFacility of public under groupsIndicate programIndicate p	Education			Reclamation/D'Iberville Waste Water Treatment Facility Adaptive Reuse	wate treatment plant (54.5M) to support the collection and transmission of saltwater to the Ocean Expo project at the Internatar. Alco, plane envision acquisition of adoing dirochine and wetdina areas to allow public access to a Ack Bay. Approximately 12 acres (53.0M) is needed to join with 17 acres of city owned land. This adoptive reuse project provides new public access to a very special shoreme area known as strole Bayou. Wetenaw technation and emacement in this bayou will provide immediate benefits for the ecology and public access to a verse ord. Adoptive reuse of the final shorelines. This would create a new bay from park no he wet side of the 110 owhere no such ficalities surrently exist. Adoptive reuse of the facility to support Ocean Expo is both creative and an efficient use of city property and facilities.		Yes	No	No	Yes	No	Yes	Yes	ň	es	\$ 7,50	0,000.00	ş -	
Education Access and Weithands Seeks to expand the available accreage for public access to the public access through public access to the public access through public access to the public access through public accecess through public accecess through public	Education	1162		Facility	the redevelopment of the downtown area. The availability of public lund [14 acres] at the former Diberville middle school sites would form the core assemblage along with other city owned property. This location now houses the Town Green/Historical Center and will soon be home to the first phase of the CTA Transit Center. This location is now block from the CIJYs waterfront and together with the proposed commercial sealood harboy. Diberville hopes to complete the multi-facted restration of the downtown. Roads and utilities have been upgraded throughout this area to support major growth in the downtown to coincide with planed cations sould of facetraft. Road. The centerprise of the French matter is a meeting facility with attached hotel and development. An asset of this hope with leip diversity on common and at as a catalyst for rebuilding this area. A 2,000 square foot meeting facility scaled to meet the city's modest needs is expected to cost \$12 million. The City would secure a private hotel developer/operator to co-manage the combined facility.		Yes	No	No	Yes	No	No	Yes	, ,	es	Ş	- :	ş -	
Education Image: Environmental Environmental Environmental Marcinal Seatore For Bulci repair reasion of the shoreline, and improve public access through repairing and extending the existing fishing pier. Image: Environmental Environmental Marcinal Seatore For Bulci Access Image: Environmental Environmental Marcinal Seatore For Bulci Access Image: Environmental Marcinal Seatore For Bulci Access <td></td> <td></td> <td></td> <td>Access and Wetlands Restoration</td> <td>seeks to expand the available acreage for public access to the shoreline. The unique wetland areas and near shore waters associated with Fountain Beach would be restored and enhanced. The CT has invested local and Telebands funds over the last decade to make Fountain Beach would be restored and enhanced. The CT has invested local and Telebands funds over the last advection of the state of the relaxed y oppular public facility. A portrainable y areas in state do to expand the current footprint along the Bay. With improvements and amenties, the project is estimated to cost \$4.00M.</td> <td></td> <td>Yes</td> <td>No</td> <td>No</td> <td>Yes</td> <td>No</td> <td>Yes</td> <td>Yes</td> <td>r</td> <td>10</td> <td></td> <td></td> <td>****</td> <td></td>				Access and Wetlands Restoration	seeks to expand the available acreage for public access to the shoreline. The unique wetland areas and near shore waters associated with Fountain Beach would be restored and enhanced. The CT has invested local and Telebands funds over the last decade to make Fountain Beach would be restored and enhanced. The CT has invested local and Telebands funds over the last advection of the state of the relaxed y oppular public facility. A portrainable y areas in state do to expand the current footprint along the Bay. With improvements and amenties, the project is estimated to cost \$4.00M.		Yes	No	No	Yes	No	Yes	Yes	r	10			****	
Education 1178 B/13/2011 Elevation Bridge needs to be elevated three feet to accommodate this rotour basis and to complement the waterfront walkway propoed for areas would be leaved and bridge approaches will need to be raised as will existing city utility lines. Image: Street The bridge approaches will need to be raised as will existing city utility lines. Image: Street The bridge approaches will need to be raised as will existing city utility lines. Image: Street The bridge approaches will need to be raised as will existing city utility lines. Image: Street The bridge approaches will need to be raised as will existing city utility lines. Image: Street The bridge approaches will need to be raised as will existing city utility lines. Image: Street The bridge approaches will need to be raised as will existing city utility lines. Image: Street The bridge approaches will need to be raised as will existing city utility lines. Image: Street The bridge approaches will need to be raised as will existing city utility lines. Image: Street The bridge approaches will need to be raised as will existing city utility lines. Image: Street The bridge approaches will need to be raised as will existing city and material street to the street distance of the street distance d	Education			Environmental Enhancements & Public Access	repair erosion of the shoreline, and improve public access through repairing and extending the existing fishing pier.			No	No	No	No		No	r	lo				
Education Assessment at Guif Island lanes (560,000; for conducting a NEPA assessment to place safe bike routes along major arteries within Guif Islands National National Seashore for Bike Seashore - a National Park Service facility - to connect trighway Bolt and Ark Visitor Center, bayous, and Lanes (International Center and Seashore Seashore). The same and extra det and analyses through the forest is similared at 35.1 million and would include		1173	9/26/2011		Bridge needs to be elevated three feet to accommodate this relocation and the tour boats and to compliment the waterfront walkway proposed for areas around Pelican Landing and Beardslee Lake and from McInnis Avenue to Elder Street. The bridge	Jackson	Yes	No	No	Yes	No	Yes	Yes	7	10	\$ 65	1,000.00	\$ -	
		1178	8/19/2011	Assessment at Gulf Island National Seashore for Bike	lanes (\$60,000; for conducting a NEPA assessment to place safe bike routes along major arteries within Gulf Islands National Seashore - a National Park Service facility - to connect Highway 90 to the Mississippi Sound, Park Visitor Center, Jayous, and pincin careas). Construction of Inaes and elevated walkways through the forest is estimated at \$1.5 million and would include	Jackson	Yes	No	No	Yes	No	No	Yes	T	lo	\$ 1,56	0,000.00	\$ -	

							_										
Research and Education		8/19/2011	to create 'Living Shoreline'	(DIGIGNAL LOBBS5) Front Beach Living Shoreline and Upstream Improvements to Increase Resilience. Employ a Living Shoreline approach to approach to reduce erosion on Front Beach while mitgaining upstream floading. Replace failing drainage outfails into the KS sound with strategy to mitgate the flood or water from upstream, while replacing traditional concrete pipe culverts at the Mississippi Sound with a strategy that combines traditional drainage with a "Living Shoreline" that distributes water flow through aquitel piputings and structures, trapping and accounting sedemat to minimize evolon. The City received a MXAL Sea Grant award that allowed them to develop a preliminary engineering and landscape design and cost estimate. The project relates to the Army Corps of Engineers Mississippi Costal Improvement Program (MSC). This project is ready to develop bid specifications and construction is estimated at S amilion.	Jackson	Yes	No	No	Yes	No	Yes	No		10	4,000,000.00		
Education				(DRIGINAL DDI 1530) This project consists of the design, engineering, and construction for the development of Point Park. This cirrently undereloped site was used by B during cleancy poterations. This includes demolition of existing structures, deteriorated piers, and concrete areas and the development of drainage, flood control, and erosion prevention structures and water and sever infrastructure. Improvements would be made to roads, subleways, boardwails, and parking areas as well as existing piers, wharfs, boart ramps, and pavilions. New boardwaks, fishing and birding amenties, and a restroom would be added at the site. An amphitheater and playground would be constructed to inprove entertainment and recreational resources included would be landscaping, benches, tables, BBQ units, and trash receptacies.			NO	NO	163	NO	NU	18	30 1	6			
Research and Education			Lowry Island Marina	(CRICIAN LOB1349) This project would assist with the redevelopment of the Lowny siand Marina. An interpretive boardwalk would be constructed with appropriate wolfs and the accommodate variants correctation uses and pedestrinas and to allow for better access from various points of Lowny Island. Included would be landscaping directional signs, benches, tables, BQL units, trans receptacles, as well as lighting for the boardwalks, parking areas, ned docutational signs, benches, tables, areas for nature troutions boats and stayk lunching facilities will be added. A wall would be placed and go the river for fashing, plancies, native variance, takator improvements would provide water; sever, fuel, and power for boat slips, lighting of plens and walkways, and construction of a multi-level dry dock structure. The road to the northern tip of the island would be elabed and be here access to the existing businesses.	7	Yes	No	No	Yes	No	No	Yes	90 1	/es	12,312,848.00		
Research and Education	1193	12/6/2012	B.B. Jennings Park Ecological and Wellands Education Center & Blueway Connection	[CIRCIMAL (DEI.1861] Pascagoula is pursuing a citywide revitaliation strategy to reconnect neighborhoods to their waterforms to bayous and wetliands, the Pascagoula Breve, and the Mississippi Sound. In its Pask Matter Pinn, the City identified B.B. Jenning Park in a historic, low-income neighborhood as an opportunity for residents to gain an understanding of the region's complex hydrology and ecology. The Mississippi Department of Marine Resources shore the park as a demonstration project for its Coastal Smart Growth initiative and provided funding for conceptual redesign. Planned activities at B.B. lennings Park induces 1. A citywide nature deukation center where visitors and local shore fullem will be introduced to the region's plants, animals and cosystem processes. 3. The stabilization and restoration of a natural streambed via mach and wetland habitat induces 1. A citywide nature deukation for Markon Resource and train at Brown wetland habitat management best practices. These projects will demonstrate the use of these water quality strategies to the public and encourage water use. 4. Connections for Pascagoula's Connections, 5. Creation of a Pascagoula River Blueway connection from B.B. Lenning Park to the Pascagoula River. Environmental benetic include markan and wetland restoration in the Pascagoula River watershed, which suffers from numerous water quality impairments. The bayou flowing through this park is part of a larger syntem that traveres manhaid and drains from Krost Lake into the Pascagoula River. The demonstration of best stormwater management practices and acquisition out displomic weter quality in the maximal wetland valid as quadre economic development through the park's growing eco-dourism industry. Increased amentifies also serve Pascagoula's economic hereing part and in the region. Bealter and using of last as the reason of reduced not wetlang using that and widdle eta adapout economic development. It has a beanting the mark's growing eco-dourism industry. Increased amentib	Jackson .	Yes	No	No	Yes	No	Yes	Yes	70 1	les	\$ 2,781,250.00		
Research and Education	1195	9/5/2012	North Jackson Marsh Restoration/Enhancement	CINCIGNAL IDEI 17201 Historically, this area has provided many critical functions to the marsh ecosystem and City of Wavehaol As a transitional exituation/fethatware vention that the set of the constraint of t	Hancock	Yes	No	No	No	No	Yes	Yes	r	40	\$ 380,000.00	Ş -	
Research and Education	1210	1/1/1900	Replacement for R/V Tom McIlwain	(ORIGINAL ID#191) Funds for the purchase of a replacement research vessel for the Gulf Coast Research Laboratory.	Hancock, Harrison, Jackson	, Yes	No	No	No	No	No	Yes	'	No	\$ -	s -	
Research and Education	1212	10/24/2011	GULF OF MEXICO HATCHER WAD FISHERIES RESTORATION CONSORTIUM	EIREGNAL IDII.1212 GULF OF MEXICO NATCHERY AND FISHERES RESTORATION CONTUM Problem: The Deepwater Protron OI Release (DWM) caused environmental and economic damage to fishere in the northern off of Mexico. America must employ novel and effective approaches to restore both economic damage to fishere in the northern off of Mexico. America must employ novel and effective approaches to restore both economic damage to fishere in the northern off and economic and split fishere lease to significant decrease in Gulf fish populations during the last decade. Solution: Marine aquaculture of key species can be employed to restore fisheries through textocking and to restore economic vitality through technology transfer and stimulation of small businesses resulting in job creation. This effort should be highly collaborative involving institutions, public awell a other national and interrations, public and private, with significant htacher yet technologies. Implementation Fam: Gulf of Mexico Hatchery and Fisheries Restoration Construit.— Gulf Cass Research Laboratory (University) of Southern Missispin (GRL), lead in stitution). University of Texas Mirnis Geneen Institute (UTMS) i- Louisiana University Marine Construitions are leaders to implement, and stock enhancement research, implementation, and technology transfer for the northern GDM. The construit must be technology to raise significant numbers of fish for fishery restoration and to stimulate private sector small ausies schedement. In addition to the implementation with technology for aquathies and fishery restoration of fish indires. This is built on established reliations and exonomically and ecologically imported Gulf fishery restoration of fishery restoration and to Gulf history scheders for the store store with the technology to raise scheder biology for aquathies and fishery restoration of the technology to raise scheder biology. With Stimmy, Jul Minnose, Crasker, Tioriaß norther obligation imported Gulf fish specis. Sarrouge the species targeted for immediate	n/a	Yes	Yes	No	No	No	Yes	No	7	NO	\$ 60,000,000.00	Ş -	

Research and	1214	7/18/2011	Gulf of Mexico Community-	(ORIGINAL IDII635) The Gulf of Mexico Community-based Restoration Partnership (GCRP) is a regional multi-year partnership	Hancock,	Yes	No	No	No	No	Yes	No	D	10	<	1,500,000.00	annnaan	
Education	1214	7,2072011	dun of Mexico Community- based Restoration Partnership	Loncinva. Lubias), the Guil on Neuco Community-base resolutation arraineship (Lowr) is a regional multi-year partnership that was estabilished in 200 between the ROAL Community-based Resolution Program (LORP), the ROAL off Melkock Program Guil Ecological Management Sites (EEKS) Program, and the Guil of Melkocio Foundation. The purpose of the partnership is to strengthen conservation efforts by supporting on the group or projects to restore coasti marine habitats, benefit living marine resources, and toster local stewardship of the sites. This successful collaboration will help to expand restoration of habitats that are critical to be sustinability dinature resources in the Guil of Melkoc, and to continue to expand public divication and outreach efforts to broaden participation in restoration activities, further developing a contervation this at the community evel. To date, the CBP has funded 75 community-based restoration projects. The expect of the participation in estimation activities, further developing a contervation activities in an uniter or habitat	Harrison, Jackson											2,000,000.00		
				types. In total more than 53 million has been funded by the Gul of Mencio Foundation towards these restoration projects, of which an additional S5 million has been hereinged in maticing contributions from project pathwares. This match includes each 5000 contributed volumeter hours. In total, more than 15,000 acres of costal habitat have been restored as part of twee pathwares projects. A multi-genery steering committee works effectively to guide the gathwareship in soliciting and developing projects, reviewing and selecting projects for funding, ensuing required permits and assumces are acquired, and nonitoring project progress and complicate. There is a broad diversity of groups involved in the gathwareship projects, including monitoring projects.														
				school children and other community volunteres, universities, nonprofit groups, business and industry, and coastal planning organizations, such as NFS and NERRS. Collaboration between the partners, many of which have therino mp ublic outreach programs to link with the GCRP, will result in long-term stewardship of the restored resources and help generate a community conservation entits. The GMR will result in long-term stewardship of the restored resources and help generate a community restore costal manine habitats and benefit the natural resources of the GuI of Mexico. Our goal is to take action towards everying the downward trend in habitat loss and increase the attention on the growing need to preserve and protect America's GuIf Coast.														
Research and Education	1219	3/27/2012	GSMEC Cooperative Regional Monitoring Project	DIBIGINAL IDEI 15:60 [When the Ø drilling rig Dependent Horizon exploded approximately 20 miles southeast of the mouth of the Mississippi Rev on April 20, 2010. In caused significant damage to the water of the Guil of Mexicon. In order to effectively assess the long-term effects of this event, there needs to be a coordinated regional approach in monitoring the status and bealth of the mainter resources in the Guil of Mexico. The Guil Sates Matine Finiters Commission (GMEV) is an organization of the trap order such an approach. Established by both state and federal status in in July 1349, the GSMFC is an organization of the field effect of the context of the context of the United States. Unite of the Context of Mexico. It has as its principal objective the conservation, development, and full utilization of the fishery resources of the Guil of Mexico. The Sate doid, employment, income, and crearisation to the people of the United States. Due of the most important functions of the GSMFC is to serve as a forum for the discussion of various challenges and programs of marine resources management, industry, research, etc. and to develop a coordinated approach among state and federal patrets to address theo issues for the betterment of the resource for all who are concerned. The GSMFC has along history of successfully coordinating and administering coordinative, regional programs such as the Soched part patrets to address theos. In addition, the GSMFC has sole-source authority. under the Magnuson Fishery Conservation and Management Act, Title IV, See 420(2), which GSMFC has sole-source authority. Under the Magnuson Fishery Conservation and Management Act, Title V, See 420(2), activities will assistly a common need to built is sate at field applicate to commerce. Cuiting below are the various activities, by GSMFC program, that can be accomplicited if the requested funding is provided. It is important to nee that arbite GSMFC. The total annual cost of all of the progroue GSMFC activities is \$2,418,0000. T	Hancock, Harrison, Jackson	Yes	No	No	Yes	No	No	No	R R	10	S	27,578,000.00		
Research and	1229	9/7/2011	Rebuild Veterans Avenue	provides specific program details. (ORIGINAL IDRIDG6) The Veterans Avenue Pier was damaged by Hurricane Katrina. Prior to Hurricane Katrina, this pier had been	Harrison	Yes	No	No	Yes	No	Yes	Yes		10		1,000,000.00	s -	
Education			Pier	a major basch amenity. The giver will be re-constructed and will be approximately 700 fong. The damage to the pier was mainly destruction of the superstructure. The support structure is basically in tack, but may need some repair/replacement. The superstructure of the pier will be timber and will be approximately 20 wide. The water bottom around the pier will be enhanced to attract more aquatic life through constructing an artificial reef, planting aquatic vegetation and other habitat enhancements.														
Research and Education	1233	9/7/2011	Enhance Aquatic Habitat around Existing Piers	(DRIGINAL IDDIGS) There are 7 piers located along the 36 mile stretch of sand beaches in Harrison County, MS. These piers provide recreational copartunities for the residents and tourists. They are also a location where people can enjoy the view of the MS Sound and the adjacent Barrier Islands. In order to attract aquatic life -crabs, fish, etc., It is proposed to plant sea grasses and provide artificial rest sound each pier. The piers are Porter Avenue and Coliseum Park - Biloxi Ken Combs Pier, Uric Pier, Moses Pier, and West End Pier - Gulfport Jim Simpson Pier - Long Beach	Harrison	Yes	No	No	Yes	No	Yes	No	4	10	¢	\$ 1,750,000.00	ş -	
Research and Education			Sediment and Tar Ball Transport Study	DIBIGINAL IDIT1100] The lackson County faced of Supervisors (ICROS) is intersented in completing a study designed to evaluate the oil spill imports on a lock level and with a focus on ordenine transport the respect to movement of lar bala star- contaminants along the backshes and into the bays and estuaries along the lackson County coastline. Study of this area of the contaminants along the backshes and into the bays and estuaries along the lackson County coastline. Study of this area of the contaminants along the backshes and into the bays and estuaries along the lackson County coastline. Study of this step of the Sayu Caostle and others. Shit markes and vestion's cocycup the lowest levations in lackson County, especially in the coastal area and along the lower reaches of the Paracagoula River System. Sediments are continually depaiding due to natural processes and human activities. They are currently recognized as an important and productive ecosystem that filters surface there, serves as humbs for williding provides storage for footwater, and affords county coastlene where habitat may be degraded due to the presence of oil or tar balls. This task will ad in development of any needed habitat restoration programs, 3) iselffly areas of the ackson County coastline where earline. Thus will be remaindy the reasting and protesses exerts and end. Judition of where contaminants may be transported to in the exent of an objective remainting ways of the lackson County coastline where advecting. This shall will ad line development of any needed habitat restoration programs, 3) iselffly areas of the ackson County coastline where sever and subport of a nuclearianding the restoration and rescince on oil or at halls. This task will ad in development of any needed habitat restoration grapher amoring may be areasonable alternative as a means of erasion control; or where a living shoreline may be added to the restoration and restorat	Jackson	Yes	No	No	No	No	No	No	Þ	10	Ş	303,000.00	Ş -	
Research and Education	1254	11/22/2013	Marinovich plan to restore the gulf shrimp	Shrimp migrate in from the guilf three times a year.Research need to be done to establish when the shrimp move into the estuaries. On this bases the adult shrimp needs protecting when they move up out of the guilf to spawn. As a net maker I see this happen three times a year. Letting the shrimp spawn correctly will increase the juvenile release from the estuaries. [Letting	Harrison, Jackson	Yes	Yes	Yes	No	Yes	Yes	No	Y	es	ţ	; -	ş -	

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Research and Education	1256	12/3/2013	Develop blue crab aquaculture in Mississippi	The consortium's goal is to expand on existing knowledge of blue crab aquaculture to develop new resources to bring greater economic prosperity to Mississippi and is primarily focused on the soft crab fishery.	Hancock,	Yes	Yes	Yes	No	No	No	No		Yes		ş -	Ş	-	
Education			aquaculture in Mississippi	The main goals of the consortium include3 the following:(1) support expansion of blue crab hatchery capacity to increase seed	Jackson														
				availability and decrease cost of production.(2)identify small and limited resource farmers and/or fishermen interested in blue															
				crab pond culture,(3)establish a center for development and technical assistance to serve as a resource to participants,															
				and (4) evaluate economic feasibility. We believe this project will have positive economic benefits and are currently seeking															
				opportunities for funding.															
Research and	1261	12/4/2013	Mississippi Gulf Coast	The MS Urban Forest Council is a 30 year old nonprofit organization that works with community leadership and citizen to	Hancock,	Yes	No	No	Yes	Yes	Yes	Yes		Yes	water qual	\$ 420,000.00		uun	
Education			Arboretum TrailCoastal	establish healthy tree canopies. We have the only arboretum program in the state and have been certifying arboretums in Ms	Harrison,														
			Arboretums for Restore	for over 10 years.	Jackson														
			Canopy and Reduce Injury																
				This project addresses community resilience, injury, restoring canopies, economic development, tourism benefits and much															
				more.															
				This project has two phases. Phase I of developing arboretums along the MS Gulf Coast will include 3 arboretum, one per															
				county. The project is to scale, landscape level, easily managed, no land acquisition and shovel ready. We can have trees in the ground as early as six months after approval. This project will fully develop local public green spaces into arborvitae creating a															
				network of linear green spaces. This project has multiple benefits - Community resilience, job training, eco-tourism, economic															
				development, recreation, social and ecological benefits, water quality and storm mitigation, and other benefits. This project will															
				be phase one on creating quality green spaces in the three coastal counties. Three sites (one per county) will be created anothe	r														
				10-20 existing sites will be identified and certified as arboretums.															
				Phase II will include developing an arboretum for every coastal city, (12) sites. In all, a total of 15 arboretums developed and															
				another 15 existing sites that can qualify as an arboretum will be certified. So when the project is complete there will be a															
				minimum of 30 certified arboretums along the coast that can be linked as green way, tourism and promotion of communities															
				and other sites. The arboretum will be included on a GPS system so that citizens and visitors can visit and view these sites.															
				These sites will be highly visible. The value of related water quality functions will be determined for these sites based on i-Tree															
				formulas. The project has four basic components. 1. The key objective is to establish healthy Ms Gulf Coast Arboretae in every city in the 3 counties of the Mississippi Gulf Coast: Harrison. Hancock and Jackson. 2. MUFC already has an established and															
				city in the 3 counties of the Mississippi Gulf Coast; Harrison, Hancock and Jackson. 2. MUFC already has an established and working network of communities on the Ms Gulf Coast through the Scenic Communities and Tree City USA programs. We will															
				working network of communities on the wis Gun Coast through the Scenic Communities and Tree City OSA programs. We will work in partnership with local communities, other organizations and counties to plant perpetual green spaces, and provide															
				management training, job training, and all resources to create sustainable green spaces. There are identified spaces on the coast	t														
				that will remain forever green. Identified by the Gulf Legacy Inventory and the proposed urban tree canopy inventory. We will															
				combine our efforts with other restore projects to add the urban forestry element. We will provide training and other skills,															
Research and	1266	12/4/2013	NRDA Project Proposals	The Nature Conservancy in Mississippi is pleased to present the following Project Proposals that we feel are eligible for early	Hancock,	Yes	Yes	No	Yes	No	Yes	Yes		Yes		\$ 51,535,865.00	\$		
Education		, .,	State of Mississippi May	NRDA funding based on guidance provided in the "Framework for Early Restoration Addressing Injuries Resulting from the	Harrison,														
			13, 2011	Deepwater Horizon Oil Spill" document. These Projects support the conservation and restoration of critical Gulf of Mexico	Jackson														
				habitat types including sub-tidal oyster reefs, coastal marsh and forest, sea grass beds and acquisition and restoration of critical															
				coastal lands through the existing Coastal Preserve Program of Mississippi administrated by the Mississippi Secretary of State's															
				Office and the Department of marine Resources.															
				Specifically, these projects meet the requirements delineated in paragraph 6 in that they:															
				- Contribute to making the environment and public whole by restoring, rehabilitating, replacing, or acquiring the equivalent of															
				nature resources or services injured as a result of the spill; - Address one or more specific injuries to natural resources or services associated with the incident'															
				 - Address one or more specific injuries to natural resources or services associated with the incident - Seek to restore natural resources, habitats or natural resource services of the same type, quality, and of comparable ecological 															
				and/or human use value to compensate for identified resource and service losses resulting from the incident;															
				 Are not inconsistent with the anticipated long-term restoration needs and anticipated final restoration plan; and 															
				- Are feasible and cost-effective.															
				The Nature Conservancy has been actively engaged in conservation of the Gulf of Mexico ecosystem for nearly 40 years															
				including over 15 years in Mississippi. During that time we have restored or protected hundreds of thousands of acres of a															
				variety of habitat types across the five Gulf states in partnership with our state and federal colleagues as well as private															
				landowners and businesses. We are well-versed on the ecology of the Gulf and are expert at developing, implementing, and															
				monitoring restoration projects.															
				1. Hancock County wetlands stabilization and oyster restoration project															
				2. Restoration and enhancement of coastal marsh and transitional forests in Coastal Mississippi															
				3. Using living shoreline technology to mitigate the effects of previously hardened shorelines															
				 Living shorelines - wetlands restoration projects, Mississippi Gulf Coast, Harrison and Jackson Counties Sub-tidal oyster reef restoration in Biloxi Bay, Mississippi 															
				5. Sub-tidal oyster reef restoration in Baloxi Bay, Mississippi 6. Sub-tidal oyster reef restoration in Bay St. Louis, Mississippi															
				7. Mississippi Coast wide seagrass community based conservation program															
				8. Acquisition of property on Round Island, Jackson County, MS															
Research and	1298	1/3/2014	Study of Potential for	The county and port authority own and operate a raw water intake for industrial water supply at Cumbest Bluff on the	Jackson	Yes	No	No	No	No	No	Yes		Yes		\$ 500,000.00	s		
Education		, , , 1014	Contaimination of Raw	Pascagoula River. This supply is being used for the Authority's Surface Water Treatment Plant currently in construction. The													Ť		
			Water Intake at Cumbest	treatment facility will provide potable water for the southern portion of the East Regional Water System and other potential															
			Bluff	wholesale water customers in the future such as the Helena Utility District.															
				The mouth of the river at the Mississippi Sound has many possible sources of contamination including chemical manufacturers,															
				oil and gas industry, etc. The Authority proposes to have a study completed to evaluate the possibility of contamination of the															
				water supply from events such as natural disasters, sea level rise, saltwater, etc. Expected questions are, (1) is there any real															
				potential from contamination from the industry along the coast line? (2) what kinds of events have the potential to contaminate	2														
				the water supply? (3) what recommendations or procedures are necessary to protect the water supply as a supplement to our															
				emergency plans.															
Recearch and	1593	7/7/2014	Bay St. Louis Harbor		Hancock	Vec	No	No	Ves	No	Vec	Vos		No		¢ .	c		
Research and Education	1582		Bay St. Louis Harbor	[ORIGINAL ID#521] To develop a harbor in downtown Bay St. Louis as a catalyst for restoring eco-tourism in Hancock County	Hancock	Yes	No	No	Yes	No	Yes	Yes		No		\$ -	\$	-	
Education Research and	1582		Mississippi By-ways to	(DRIGINAL IDBS21) To develop a harbor in downtown Bay SL Louis as a catalyst for restoring eco-tourism in Hancock County (DRIGINAL IDBS22) 43 miles of eco tourism by-ways connecting the INFINITY Science Center to the outdoor laboratory to re-	Hancock Hancock	Yes Yes	No	No	Yes	No	Yes Yes	Yes Yes		No		s - s -	\$ \$	-	
Education				(DRIGINAL IDBS21) To develop a harbor in downtown Bay SL Louis as a catalyst for restoring eco-tourism in Hancock County (DRIGINAL IDBS22) 43 miles of eco tourism by-ways connecting the INFINITY Science Center to the outdoor laboratory to re-			No	No		No	Yes	Yes		No		\$ - \$ -	\$ \$	-	

									_				-	 	 		
Educa				Initiatives	welcoming beacon to the great City of Biloxi, an educational tool and a superior axhibit, for residents and visitors of the Mississipi Citi Cast region, and for the great state of Mississipi Citi Cast, which came to prominence more than a certury ago as one of the worldX ⁴⁷ : great selection of Mississipi Citi Cast, which came to prominence more than a certury ago as one of the worldX ⁴⁷ : great selection of Mississipi Citi Cast, which came to prominence more than a high the selection of Mississipi Citi Cast, which came to prominence more than a high the selection of Mississipi Citi Cast history, culture, and heritage. The Museum enhibits, the regitated saling schomes, the devication greams, the schome precognize, the schome recognizes on regional and national leteristion. The Museum expanded another 1,000 s.r.t. In 2003 and n.2005 sus, detributed on regional and national leteristion. The Museum expanded another 3,000 s.g.t. In 2003 sus destroyed by furricane katina. The new three story 20,000 s.g.t. R. museum reopened in August 2014 at a cost of approximately 50 million. Since 1545 selection and a discrementary and a new sense to the scheme story 20,000 s.g.t. R. museum reopened in August 2014 at a cost of approximately 50 million. Complish. Our devicancial and economic ingravit whith the scheme the Hash made the Martime and Stafool Industry Museum a destination of eigoyment and a significant economic contributor. Cord 58 million expansion would build a state of the at Exhibit Hall that will play host to world class traveling exhibits. The double thad distor of build events awy for accelerize and ethanes. The classos. Tourism frequently seem as a way of creating new employment opportunities in regions which have suffreed from devastating hurricanes or alloged. Willson statey of the exists awy for the cents awy from the classing. Tourisms, the regional divers and contromy through the distribution of almissin dollars and to dive benefits across may other sectors. Begional museums is an an important magnet to dra	Harrison	res	Yes	Yes	Yes	Yes	res	Tes	res	\$ 7,549,904.00		
Resea Educa	vch and ation	1607	10/25/2011	GULF OF MEXICO HATCHERY AND FSHERES RESTORATION CONSORTUM	DISTIGNAL (DII 1439) Problem: The Depwater Horizon OII Release (DVMI) caused environmental and economic damage to hisheris in the northern Guil of Mesca, America must employ novel and effective approaches to restore both economic and environmental welbeing of the affected fisheries. In addition, habita destruction caused by hurricanes and other man-made causes (over-fishing, erosion and splits) have led to significant decrease in Guil Thio population during the last decade. Solution: Marine aquaculture of key species can be employed to restore fishineris through restorcing and to restore economic vitality collaborative involving institutions in all five Guil States as well as other national and international institutions, public and private, with significant hachety technologies. Implementation Team: Guil of Marko Istatution) - University of Teams dames Science Institute (UTMS) - Louissa Diversity of Southern Mississipal (GCR): lead Institution) - University of Teams dames Science Institute (UTMS) - Louissa Diversity Markons for this northern GOA. The constructivity (AUI). And Markon Laboratory (MML) - University of Maryland. Baltimore (UMB) These institutions are leades in marine aquaculture and stock traine science Institute (UTMS) - Louise and economic and to situate private exists of markons development. In addition to the implementation taxe, the construmin taxe stabilished scientific, governmental agency and commercial advices construction with additional taxe, the construmin taxe stabilished scientific, governmental agency and commercial advices economically and cologically important Guif this species. Among the spaces are those for which the technology to implement and technology transfer and Subtures Status technologic status et al. The construction of scientig and technology transfer and Subture Bit Diracker Status Texes (Status Event), build Minnose, Crasker, relorad aromapor, Cola, Greater Anderek and Souther Bit Status (Status Texes). Toxid Status Texes and the consortium will resul	n/a	Yes	Yes	No	No	No	Yes	No	No	\$ 60,000,000.00	\$ -	
	arch and ation	1623	7/2/2012	Enhancing Bennant Wellands to Derasa the Impacts to Coastal Degradation	DRIGINAL IDB12717 The Thc-45 Chapter's Freehweter Program proposes to implement controlled dranage particles on remman doow wetlinds in the Midsinging Delta. While serving as a drainage charbent, installation of an innovative surface controlled drainage strategy, low-grade weri, in the systems outflow channel would create a series of in-stream wetlands with in the systems channel. These in-stream wetland will also in theiring flow velocities of number wetlands. With systems channel. These in-stream wetland will also in theiring flow velocities of number wetlands with systems. These policities methads will also in theiring flow velocities of number interiors in its use of inorganic fertilizers to increase crop yields, which in turn, often result in the deltwery of high nutrient loads from the landscape to alguern fertilizers to increase crop yields, which in turn, often result in the deltwery of high nutrient loads from the landscape to alguern fertilizers to increase crop yields, which in turn, often result in the deltwery of high nutrient loads from the landscape to alguern dissispip close to cost and extraphication. This is no more prevalent than in the hypoxic zone off of the dissispip close to cost and were as a carching displicates traffice weter host bar and loads reaching dissispip close to cost and were as a carching displicates traffice straffice volumes associated with weter event policy to a schemating the accounted weter associated with weter event policy to 150,0000,000 lines following implementation. Project sites would be modeled and replicated for future projects of its kind almost at enhancing partners. The project is in the preliminary stages and although we have a strong consensus from the inducavers, the partners. Project sites range from the northern to southern portions of the Missispip lobal to dettase the inducation singulational disclostef. Fund for the Restor Acc usual and although we have a strong consensus from the inducavers, the partners. Project sites range from th	n/a	Yes	No	No	No	No	Yes	Yes	No	\$ 1,000,000.00	Ş -	

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Research and Education	1625	10/16/2012	Enhancement of the existing DMK Smart Growth and Sustainability Model Ultilang Geographic Information Systems (GS) Technology and Coast- Specific Data for the Lower There Coastal Counties (Hancock, Harrison and Jackson Counties)	IORGMUML (DB1383) The Mississippi Department of Maine Resources (DMR) is pleased to provide this proposal to develop an enhanced smart growth and sustainability model for the lower three costal counted is (Hancot, Harris (Hancot, Harris (Hancot, Harris (Hancot, Harris C, Hancot, Hanco	Harrison,	Yes	No	No	No	No	Yes	No		No	\$ 1,750,000.00	Ş -			
Research and Education	1629	3/20/2013	Missispin Warnshed Sinclure Retoration Project	DREIGNAL (DH1396) 1) BACKGROUND OF RCB PBCBRM. The North Central Missisgip Resource Conservators & E Development COURT (INCRC) over a Doumles in North Missisgip. The NCRCB DB a 501 Can oper organization made up of volumeters who identify needs in our communities and find solutions that work. Our Council's sponsors are the Board of supervisor and Scott Bis Water Conservation Districts. J NATHAR RESDURCE DANAGCT- the NCRC Dreagness the need to fund a project to restore or rehab approximately 77 watershed structures that are near failing. MonGC The MCRC Dreagness the need to fund spoject to restore or rehab approximately 77 watershed structures that are near failing. MonGC The MCRC Dreagness the need to fund have trapped tons of nutrients and actions removed from the tests structures fails (ediment and nutrients) will politice its 1550-1560s by USDA, Soil Conservation Service along deep channels for erosion control purposes. Over the past 50 years they have trapped tons of nutrients and actionale. Its of 1, but whethes structures fails, eliciment and nutrients will politice streams on down to the Guif of Mexico. J EXECUTIVE SUMMARY: Goal is to restore or rehab 77 water control structures back to original eligis in Mississip watersheds that incide. Little Talihathich, Coldware; how line ke following. An Wolf River. The NRCD is capable of administering this project. 4) ACTION PLNN-The NRCR DWI be responsible for project coordination and seeing that bestruct or local sponser will obtain easements (B) USDN- Natural Resources Conservation Service will provide as-biall plans (designs in Advission) web egnests to loci angest the nebul of structures as matching under Sort the project C)NRCRD will provide as-biard coging a soluti-plans, bia develociments, contracting, Mixc. Engineering (S200,000) Of Travel(SLS:000) (B) INCRC will advisitative ree (S102) COID (B) Incivid Matching Funds S102-NRCR (S200,001) EVLUATION OF PROJECT-ANNumber structures restored B) Efficiency & timeliness of project completion C) Reduction of sedi	Panola	Yes	No	No	No	No	Yes	Yes		No	\$ 2,797,000.00	<i>RUNNARU</i>			
Research and Education	1630	3/20/2013	Mississippi On-Site Wastewater Treatment Project	(ORGINAL ID#1937) 1] BACKGROUND OF RCBD PROGRAM—The Mississippi Association of Resource Conservation & Development Councils (MARCDC) has 7 local Resource Conservation & Development (RCBD) Councils that cover the entre state of Mississippi. The AMRCDC & RCBs are 5021.on or, prior to agrin assistance and equip or volunteers who deterily unnet needs in their communities and create solutions that work. 2] NATURAL RESOURCE DANAGCF - The MARCDC recognizes the need to fund statewide project address environment damage caused for runn homeworks with failing septic task & homew without septic tanks (state) in the section of the secti	Tate	Yes	No	No	No	No	Yes	Yes		No	\$ 1,206,400.00	\$ -			
Research and Education	1634	4/30/2013	Flood Water Retardation Watershed Structure Rehabilitation	great service in controlled rundf of sediment, water and nutrients from towns and agricultural lands. Because of the nutleng of the metal trash racks and some woody vegetaion on emergency spillways, the local watershed districts are in need of financial assistance to conduct this type of maintenance. These local watershed districts do carry out some annual maintenance but are on of financially able to preform these type of overhauls. If these dams are not brought back up to current mandated standards, these dams would be tracked allowing the 0430 years of trapped sediment, nutriens and possible pesticides to be released of		Yes	No	No	Yes	No	Yes	Yes	10	No	\$ 400,000.00	пиллапи			

Research Educatio			Sediments from Agricultural Lands	(DRIGNAL IDRI 1976) This project would involve nandowners with investod, on land ajacent to field dirches, creates, stream and waterways to reduce the anound rolutient and ascillents entering the stream flow. This would nove assistance to landowners with facting out of streams, improvements to pasture grass conditions, water sources, feeling areas, grazing relations and educational meetings to assistance Indowners in best management practices and to elam about other sources of fanding. This project would reduce the amount of nutrients and sediments entering the waters that flow into the Tombgibee were basin and then the duri of Mexico. This would be administered through the Miss. READ with the assistance of the local Soil and Water Conservation Districts and Miss. Soil and Water Conservation Commission and the Natural Resources Conservation Service office.	Tishomin go, Lee, Itawamba , Prentiss,		, vU				10	10	Ÿ	c3		1,750,000.00		
Research Educatio	1637	5/16/2013	Wetlands use as nutrient traps	(DRGMAL IDR1377) This project would be use to reduce matrients in stream waters by directing waters from graing and croplands into created wetlands. This project would assisted interested landowners in the creation 1 to 15 ac. size wetlands with flash board retry bye whiter control structures to regulate water levels and provide still water areas to settle nutrients and sediment from near by agricultural lands. Open areas would be planet to plants favored by water forwi and aquatic wildlife. Assistance would be provided for planning, engineering, construction and management of these areas as well as education for long term management long after this program ends.	Clay, Oktibbeh a	Yes	No	No	Yes	No	Yes	Yes	Y	es	\$	110,000.00	\$ -	
Research Educatio	1645	7/12/2013	Establishing Institute for Biodiversity Studies at the GCRL	(DRIGNAL ID#22011) An institute for Biodiversity Studies will be created with the purpose of conducting long-term ecological studies of wildling the low eye Racgious River and associated estanzy. The Institute will be lowed at the CRL or Cedar Point. Campus and will unite and house the GCRL Museum vertebrate and invertebrate collections in a new visitor friendly facility. The institute will also facilitate research projects from ourside agencies, collaborate with the Pacacgua River Audobon Center, and serve as a repository for spectrems collected associated with the Audobon ATI ana Inventory initiative, as well as continue to serve as its regular capacity as a premier regional lending repository for marine specimens from the Gulf of Mexico. The institute will provide taxonomic training and guidance to LSM Coastal Science graduate students, contribute to the LSM Marine Education. Center Summer Program, and employ undergraduate students interested in museum and ecosystem-based studies. The institute would make a logical home office for the Gulf and Carlbbean Reports.	Jackson	Yes	No	No	No	No	No	Yes	N	lo	s	5,000,000.00	ş -	
Research Educatio	1655	8/11/2013	Greenhouse for Producing Restoration Nursery Stock	ORIGNAL IDB12070) Many current and future restoration projects along the Mississippi Call Cast will have need of quality nutravey tock of native dune and marks highs. Currently, use projects in Mississippi Call Cast will have need of quality in other states (usually Florida). The genetic provemance of these plants is usually hundreds of miles away from the project where the plant material is need. We propose to construct a greenhouse at the lack Thorase untrovential Cast The equire installation of native plant species. Currently, no such facility esists in Mississippi. Theories and greenhouse located at the Call Cast Research Laboratory in Ocean Springs, MS but it is not large enough to handle the capacity necessary for large restoration projects. The LTE is a 297 acre preserve located 4.5 miles east of the currently or southern Mississippi (USM). The preserve is owned by USM and is managed by the Department of filosopial Sciences. Dne of the grantary factor on this facility is to provide quality incredity sciences and the hubiding bot enough and the classopin to the distructure of this facility is to provide quality methods and the facility. An additional benefit to locating this facility is to mark specificatify of environmental elucation. The building sciences: Dne of the paiready drafted preliminary plants for this greenhouses to be added to the facility. An additional benefit to locating this facility is to complete. Indiractructure for the project (winter, power, and server) has already been installed. If selected as a Restoration project, we would be able to have the facility completer whink as months and would be able to have nursery st ock available for use within 6-8 months after completion of construction.	Forrest	Yes	No	No	No	No	Yes	No	N	io	\$	850,000.00	Ş -	
Research Educatio	1659	1/17/2014	Greenways	A strong pedestrian and bicycle network of paths between parks, natural amenites and community services will enhance access to nature, meeting space, fitness opportunities, sports venues, and child-friendly playgrounds. The Greenways project will connect other major projects (Historic Patways, Lighthouse Park, Riverfront Relevelopment, Beach Promenade, Point Park, Spinnaker Point) with a safe, inviting pathway. Major elements of the project include property acquisition, development of natural buffer sons new witeways, scientation of previously disturbed channels and bayous, suefand and manth enhancement, boardwalk and pathway construction, lighting, and signage for information and educational purposes.	Jackson	Yes	No	No	Yes	No	Yes	Yes	55 Y	es	\$	33,822,868.50	\$ -	
Research Educatio	1712	12/24/2015	BP for restoring the gulf fisheries	This program will address fibhery management needs in the Gulf of Mexico for the commercial, CFH and the recreational engines. This "Burgheric for Restoring The Gulf Fibheries will be lost if not funded. This program will provide help with discards of reef fish, provide Seafood for the Consumer and provide a polic program To test a method that will allow anglers the opportunity to fish all year for red snapper and grouper. This program will also allow the opportunity to study behavion: escence. This program will address accountability and sustainability of our coastal marine resource and those that rely upon the resource for food. jobs and peakure. The programs infrastructure contain many components. This program will address accountability and sustainability of our coastal marine resource and those that rely upon the resource for food. jobs and peakure. The programs infrastructure contain many components. This program will address accountability and sustainability of our coastal marine resource and those that rely upon the resource for food. jobs and peakure. The programs infrastructure contain many components. This program will include state agency's, commercial, CFH and private anglers. It will also have help from the Southeast science center with Its regular open sasson. It would also collect data that is presently missing and needed inorder to have a sustainable fishery for years to come. It would also collect data that is presently missing and needed inorder to have a sustainable fishery for years to come.	Harrison, Hancock, Jackson	Yes	Yes	Yes	Yes	Yes	Yes	Yes	15 Y	es I	Data need \$	5,000,000.00	\$ -	

Research and 1736 : Education	-2/b/2014	Proposed RESTORE Fund	The Land Trust for the Mississippi Coastal Plain (TMCP) is an accredited Land Trust dedicated to the conservation, promotion, and protection of open spaces and green places of ecological, cultural or series (significance in the counters of the Mississippi Coastal Plain has determined to be in live with the gals as the for wriver of several properties the Land Trust for the Mississippi Coastal Plain has determined to be in live with the gals as the for other in the Gulf Coast. A Proposed Comprehensive Plain entitled, the path Forward to Restoring the Gulf Coast. A Proposed Comprehensive Plain entitled, the path Forward to Restoring the Gulf Coast. A Proposed Comprehensive Plain entitled, the path Forward to Restoring the Gulf Coast. A Proposed Comprehensive Plain 1 Restore water Coastal Plain has described Teal Coastal Plain Application and Marine Resource & Handling Coastal Coastal Coastal Coastal Coastal Plain Application and Plain Sciences (Statistication Council's Proposed Coastal Coastal Coastal Coastal Plain Operators, Ladson Coardy Coastal Plain Operators, Ladson Coardy Coastal Plain Creek Statistics, Graveline Bayou J382 acres; Harrison Coardy: Turky Creek GA127 acres, Canal Land 218:50 acres; There attached Gocument is designed to Illustrate the value each of these properties holds. Acquisition of any one of these proposed isse and its Subsequent Conservation and Increase property. economic, and assettice Value of the arise in which the lis lis located. The properties, If acquired by the Land Turky for the Mississippi Coastal Plain, althave the potential to restore and Conserve habitats providing havens for run ingree coastal habitats and all gals celes that reside with them. They can restore water quality by protecting our values coastal analtatists and subsects that reside with them. They can restore water quality by protecting our values coastal habitats and all gals celes that reside with them. They can restore where adults, children, coltens, and vistors can fully immerse themselves in the beauty a	Harrison, Hancock, Jackson	res	WO	NO	165	140	165	res		res	Š		\$ -	
Research and 1719 Education	2/6/2014	Harper-McCaughan Wetland Boardwalk/Nature Trail	An area of wetlands is bordered by Harper-McCaughan Elementary School to the east and a Power line corridor paralleling Canal Number 1. We would like a naked boardwalk/nature trail with education stations built. The area has a variety of trees and plants along with a multitude of Birds.	Harrison	Yes	No	No	Yes	No	No	Yes	,	No	Ş	-	ş -	
Research and 1723 . Education	2/7/2014	Restore MS Endangered species	My proposal is to locate video camera on some of the piers/bridges in our coastal communities to help document the interactions of sea turble with finiting grace. By doing so t will help to provide data for the science center to analysis to see what they can recommend to the anglers that are coming in contact with the turble While finiting from these piers / bridges. I am aware of 11 or 12 piers where finhemen are coming in contact with the volumed or more Endangered species of turbles around these piers ince the oil split. This study will also help provide the effort data. The second part of the program is to provide some type of education about what the anglers can do to minimize contact and inter action with three turbles. There will be a outreach component of the study to interview those that do fish from the piers and document their interactions with their success of releasing the turbles unhammed. The camera will also help ground truth what is taking piace	All MS Counties	Yes	No	No	Yes	No	Yes	Yes	1	No	Ş	15,000,000.00	ş -	
Education		Gulfgort Urban Estuaries Enhancement	on these fishing piers as they relate to the interactions under the endnagreed species Act. Turky Creek Waterhold covers approximately 11,000 acress in Gulport, tage Beach, and Harrison County. The watersheld ¹⁰ 's bea (2) main waterbodies are in need of significant restoration and enhancement. Turky Creek and Brickyzed Bayou are approximately 14 miles and s miles long, respectively. Both waterbodies are both working cascalt saterm/likal creeks that flow time ecologically important, theitered estuarine ecosystems connected to the Baok Bay of Blood and the Gulf of Heaco. This project will restore and enhance these individual statusment strams to provide a haputic confident that serves as a sheltered nursery and as a rearing area for mutpice salvater fish species including those with recreational and connercial value. In addition, recovering the ecological heavievy organize and enauries vould allow them to provide a haputic configue, permitting, constructing and maintaining asocially acceptable restoration effort. LeaM Manhad ¹⁰ 's 2013 film, & & decoment Mater: the Battle for Turky Creek. Watesinder that the this sissippi Cosstal Plank/Einsteidel & & decWatershell implementation film for the Turky Creek. Watesinder Hitting from the Environmental Plank/Einsteidel & decWatershell implementation film for the Turky Creek. Watesinder Hitting, from the Environmental Plank/Einsteidel decWatershell inplementation films for the Turky Creek. Watesing and the restoration and enhancement of the individing, but not fact and graving bas addition, from the restoration from the Environmental Plank/Einsteidel decWatershell inplementation for the Struky Creek. Watesing and thereast, and the decision happender than disclaration from the struky creek watesholds and the struky creek and Basing and Commismitation. Trank habit displation, invalve species (particularly Chinese Tallow and cogongrass), and chemical contamination. Accordingly, Turky Creek. Wateshised Bayou require similar restoration and enhancement effort		Yes	No	No	Yes	No	Yes	Yes		No	Ś	13,000,000.00		
Research and 1749 2 Education 2	2/18/2014	City of Waveland Sports Complex and Entertainment Venue	The scope of our project is to build a football complex and recreational venue that will support over 200 children on a weekly basis and to provide a sale and scence location for fun anisity activities to support the up keep of the facilities. The proposal is to construct two lighted football fields for children from per-wee to high school age, with concerssion area and open space where other events is courd be thed. The land is situated along on of the civity ⁴⁵ 's major through-fares and is also located less than a mile from over 100 Section 42 apartments. The proposed site, we believe will have far reaching effects on all of the children in our community as well as in our area to support larger tournaments and providing a hage economic impact to the enter county. The provided site, we believe will have far reaching effects on all of the children in our community as well as in our area to support larger tournaments and providing a hage economic impact to the enter county. The provided school and the housing authority chocy to rebuild the homes at a different location. The submitting destroyed during HurrCane Katma and the housing authority chocy to rebuild the homes at a different location. The submitting very far from the Bu-Wavelind (housing authority to use the land for recreational pupposes and entered into a contract with the football league to support the development of the children in the area. The land was previously developed and the bliedven to have no environmental lastes. All debris and rubbe have been removed, and the land has been cut and some maintenance and repairs to the fence along Waveland Avenue have been completed.	Hancock	Yes	No	Yes	Yes	No	No	Yes	Ĭ	Yes	Ş	2.80	\$ -	

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Resear Educat	rch and tion	1759	6/1/2014	Waveland Recreational Light House and Water Front Development Project	The City of Waveland is a family-oriented community and is frequented by seasonal one-day visitors and weekenders that populate the area which make up the buik of the summer tourist cache. The City of Waveland plans has designed, a two story, Andincaped accessible open-air pavilion that would turn into a venue for special events such as weldings, concerts and reunions. This magnificant open air shefter will provide a picturesupe setting for princis, benefts; special events, outdoor classroom space, fulling rodeos welgh-ins, public concerts, parties and covered area for beach volleyball tournaments. The covered floor area of the open air pavilion will be approximately 2,960 guare feet with also include restroom facilities, benches, optical viewers and information baords designed to identify local widifier and marine manuls. Ample electrical outlets, for the lighting undermarken the pavilon, will be added to provide the appropriate ambiance for any event. At the pavilon, families and friends of all ages can bring the magic of live entratiament and the performing arts to the City of Waveland in a whole new way &i' under the star for everyone to enjoy! The City\deft ⁴ s' vision is to have the pavilon available for community use that will allow everyone to share in the benefits of heining acovered to the outdoor setting. The new open-air pavilion will make use of a solid structure netsed on the beack with a entrothari way allowed boards. Solid, sum any mark in protees. This will create sub of pavilies toom meeting warround structure on the beack. With his in mind, thereas. This will create a hob for public toom meeting warround structure actively, associated festival, athelic events, health and exercise program, youth education opportunities, and a contrallaed pake to share community and public information will having accored to durate and wistors can visit at structure actively.	Hancock	Yes	Yes	Yes	Yes	No	No	Yes	10 1	Yes	\$ 3,800,000.00		
					frequent. The City has made use of awarded tide-lands funds on adjacent areas of the beach that will be enhanced by the construction of the Lighthouse Pavilion Project. The city has constructed roughly two miles of concrete walking path to the south of the proposed site that now promotes pederizin and bricycle twolf from Washingons. Is in the neghtborn (City of Bat S. Louis to the end of the sand beach almost to Buccaneer State Park. The adjacent property also to the south is a Veteranx War Memory constructed originally by American Leignon Parts 77 and is in the process of being reconstructed and amered due to damage caused by Hurricane Isaac. The city took tidelands funds and assisted in the reconstruction to make the memorial more handcapped assessable and more user wells an even concrete sidewalks to allow better access to the water will also been installed.													
Resean Educat	rch and tion	1763	2/22/2014	Brick Bayou restoration project	Debris renoval from the Brick Bayou streams which runs from the mouth of the escatawap river into the Pascapoula river and an along side of the Why 613. The of the would like to restore Brick Bayou beaches it must strong Sharenia Wetlands consisting of 35 acres of wetlands which runs from Hwy 613 to Hwy 63. The project would include a wetland delineation which would determine the amount of land that can be used for other purposes such as nature trails, sport complex, Police firing ranges and fire fighters training fields	Jackson	Yes	No	No	Yes	No	Yes	Yes	50 1	Yes	\$ 300,000.00	1 \$ -	
Educat	rch and			Medical Monitoring Toggan of Costal Mississippians	This Request for Funding should be granted because it is one of the few proposits submitted for consideration which seeks to achieve several of the specific gala and objectives originally sought to be addressed by the Tustees of the BP Restoration Fund. The Proposit that follows will sever to promote proactive environmental and cultural sewardship, education and outracks based on the gathering of earlier deta autiling how and to what excit, if at all, the substance released during the BO oil spill and the agents used to disperse the same has or will impact and/or affect the health of those persons living within EW or structure addressing the same several several and/or affect the health of those persons living within EW or structure addressing the same several several and several consistence in the same several substance viscales and/or the agents used to dispense the release substance. Form structury an educational point of viscal and les addressing businessite to the MDEC, EPA, DD, CDC, Mississippi State Board of Public Health and any other regulatory bodies whose jurisdiction requires notification should there be evidence and type of admining there divised to a chained exposure. Additionally, by capturing such data hair will allow us to measure the human toil, if any, prosimately related to the exposure to the substance and to identify the proper medical or treatment basis of care that produces the best and most expeditious outcomes, hiving such data that indivised to treatment Another anticitizate by produce structures that on the supposed medical annotizing system will be a healther south Mississippi. Through the use and implementation of priveritive healthcare techniques, physician led and sponored encouragement products and predomination hardies the south the structure of the signal and these is South Mississippi and who will be point structure and molecular threatmance. It is blended that recreational provessions around who live within the thre-ecountly Mississippi Gul Coast are will be	Hancock, Harrison, Jackson	Yes	Yes	No	Yes	Yes	Yes	Yes	27.6	Yes	\$ 14,121,000.00) S -	
Resear Educat		1771	3/20/2014	Bangs Lake Viewing Pier and Park	In an effort to provide increased access to natural resources, the bangs take Viewing Pier and Park will increase the ecological value of the area by providing a viewing center pavilon, ficking pier, and boardwick park highlighting the natural beauty of marsh land. Not only will visitors come to walk along the marshes but a boat ramp will provide access to the lake and the Gulf. Along the boardwalk, interpretive stations will display information highlighting the history and legacy of Bangs lake and the surrounding marshes. The area will along the traver avaitance tougoest to travely and legacy of Bangs lake and the a short ride to the Gulf and can explore the surrounding lake. By placing a park along Bangs lake in a highly industrialized area, the marsh land within the park can be preserved and serve to further the beautification of the surrounding community.	Jackson	Yes	Yes	No	Yes	No	Yes	Yes	1	No	ş -	Ş -	
Resear Educat	rch and tion			Gulf Park Estates Fishing Pier Expansion	This project will revorate the existing fishing pier, while expanding the boat hunches to accommodate a wider range of vessels. A park area will house organized parking, boardwalks, lighting improvements, landscaping, and amenities such as restrooms and find cleaning station. The current pier's located along the Gui/ outside of Slito Bay. This area is optimal for fishing and recreation activities: the expansion of the current fishing pier along with the creation of additional amenities will increase and enhance the Gui Park estates community quality of like, powele additional access to the natural rescurse along the Gui/ and enhance the Gui Park estates community quality of like, powele additional access to the natural rescurse along the Gui/ and enhance the Gui Park estates community quality of like, powele additional access to the natural rescurse along the Gui/ and enhance the Gui Park estates community quality of like, powele additional access to the natural rescurse along the Gui/ and enhance the Gui Park estates community quality of like, powele additional access to the natural rescurse along the Gui/ and enhance the Gui Park estates community quality of like, powele additional access the natural rescurse along the Gui/ and enhance the Gui Park estates communities and allow improved access to natural resources.	Jackson	Yes	Yes	No	Yes	No	Yes	Yes	r	No	\$ -	Ş -	
Resear Educat	rch and tion	1787	3/21/2014	Jackson County Scenic Water Trail, North Trailhead	This trainesd poipet will consist of a trail head with public boaring access, walking trail, heritage measure and outpoot. The Carter Lake Finishou Vorpost will restore Carter Lake and provide recreastional finiting near the Northern Trailhead. The Pascagoula Water Trail Cultural and Research Centrer will create an interactive culture and science centre. The cultural center will closu on the naive American culture for which the region derives its name and the science centre will highlight conservation effects of natural wildlife mainly the efforts of the Pascagoula Wildlife Management Area. This center will scree the the primary information center for the net region. That Pasca Walking Trails aligned to the river trail and Research center. This provides visitors not going on the water trail a swill equivale takes have. Another Trailhead Male Carto Outfit will cente a boat range from which visitors to the Norther Trailhead and Norther Trail Changound along the vater trail approximation will be trained and there Sense Walking Trails alignings in to the natural beasing of casts at down the Venter Trail. That goal Nailles Trail Cartoground will create a cargorour along the water trail approximation and the science train train contrained will be trained to the regional doing the water trail approximation and there science that the North Trailhead Males. The Content Trailhead Males is the science of the science of the science trained the North Trailhead Males. Placcagoula Rever the Improved will be constructed as a new road typing Ceder Creek to the North Trailhead.	Jackson	Yes	No	Yes	Yes	Yes	No	Yes	Ĭ	Yes	\$ -	Ş -	

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Research and Education	1798	4/3/2014	Missisapi Native American Heritage Program	The Ohr O'Keefe Museum of Art sits on a four-ace stretch of the Mississpi Guif Coast contiguous to the Mississpi Sound that archeological studies show once was inhabited by American Indian these. Learnita focus of the O-GetTweefe Museum and an important part of the American Indian culture, dating from pre-historic times to the contemporary titles of Mississpi spottery. The Museum proposa annual summer programming, to present cultural, educational and ars programming about not only the art and pottery of the Mississpip transming. To present cultural, educational and ars programming about not only the art and pottery of the Mississpip transming. To present cultural, educational and ars programming about the Mississpi The Mississpip transming. To present cultural, educational and present Mississpip Institute Americans. Development of these programs will involve consultation with Mississpip transming. The Mississpip transming of the Mississpip transming of Mississpip transming of Mississpip transming. The American Indian in Washington D.C. The program, which will show a continuous flow of pottery tradition and culture on the Guif Coast linking the Museum with Mississpip Native American Intertage, will include: deminans for the investigation, discussion and understanding of Issues facing native communities in Mississipip that will provide a stratewide forum for discussion, study and oxic engagement of historical and contemporary topics of concern and interest to haltive peoples and the general public during interest. Week Study and oxic engagement of historical and contemporary Native American arts after stool and summer youth programs teaching Mississpip American Indian Cortis and Isoca venue during into a stool and summer youth programs teaching Mississpip American Indian American and Isoca venue after stool and summer youth programs teaching Mississpip American Indian American Study and way of file Not only is Deer Island home to various eco-systems, but also it is home to Native American interve	Harrison, Hancock	Yes	No	No	Yes	No	Yes	Yes	Yes	ş	\$ -	
Research and Education	1812	4/25/2014	Economics and The Gulf Coastal States	The Objective is to collect committed data for the Gulf Coast Ethermon, Anglera, processors, charter for hire and humeness: that rely on our Nations markine resource to provide fload and gibls for our Attacher. This project will attacher the trace without our Gulf of Mexico Staties name resources and sardood to the Nation as a whole activities include the collection of economic data which will include mill out survey. Ne will also meet face to face with many of our business. We will collect economic data silence from the mail out survey. Ne will also meet face to face with many of our business. We will collect economic data silence from the mail out survey. Ne will also meet face to face with many of our business. We will collect economic data silence the institute the major survey. The will also meet face to face with many of our business. We will collect economic data silence the institute the major survey. The will also meet face to face with many of our business. We will collect economic data silence the institute to a survey of the major survey of the main term of the survey of the major survey. The will be major survey to a survey of the major survey of the survey of the major surv	Hancock, Harrison, Jackson	Yes	Yes	No	No	No	No	Yes	Yes	\$ 5,000,000.0C	\$ -	
Research and Education	1814	5/6/2014	Gulf Coast Reef Fish reproduction with Fish Management	This project will help reportate the flish that were killed by the all split. The Gulf of Mexico has a maragement too called TGL the commercial industry holds quoted hards or fleef flish that can be leased, flied or sold. It have constructed some of the shareholders that are willing to lease some of their quots shares so that the fish can remain in the water to reproduce for the future. This will benefit the resource by allowing the flish to stay in the water and reproduce for the future. This reproduction will help restore the resource that was made sick by the oil split and died. This project will not only help restore but will help give back to both the recreational fishers and commercial fishers as well as the consumers of this resource by allowing the flish to restore the living marine resource as a source of finceme for the business's strong what BP said they would do and that is to restore the living marine resource as source of forceme for the business's strong.	Hancock, Harrison, Jackson	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	\$ 8,000,000.0C	Ş -	
Research and Education	1815	10/16/2014	A Program to Assess and Trans Routicogae Sources of Aquate E Coxystem Begradation in Casaral Missiedgo(, Alabana, and Louidinae, Phase - Roadscape Assessments	The proposed five-user program would implement the specially designed floadscage Vatersheld Becovery Program (RVMP) to scass. Is, enoising proceedings of the program of the program of the program process of the program of crossing and drawn parasets in the approximately 7550-rquare-mile (11.238,400 arcs) Part/ Paragnuia, Mobile-Tombighee, and Alabama Reer assets in the approximately 7550-rquare-mile (11.238,400 arcs) Part/ Paragnuia, Mobile-Tombighee, and Alabama Reer addressed by the RVMP include water quality, aquits habitats, rare and imperied aquits perice, invasive species, and software runnels. The RVMP was developed to provide oragins in disided into the phases that Include assessments, prescriptions, treatments, monitoring, and information dissemination. Reductions in roadscape-induced sedimentation, culveen rossing biological barriers, and crossing cone invasive species would result in measurable water quality and aquits the bhatta improvements in river basin waterheds and costal ecosystems. Reductions in roadscape-induced sedimentation, culveen rossing biological barriers, and crossing that for the rossing biological barries, previous projects, and crossing a biological and clearacterize the location, Reduced costange, Janoro and costange, previous projects, and cast and ecosystem Improved. That for the same angueed road crossing, biological, and crossing zone baseline for site treatment decision making, implementing sustainable projects, messuring improvements, and focilitating future regimerers. The assessment process coducts as NTP programmatic environmental assessment; futures projects: "easons learned, builds baseline resource datasets; inventories country codcape maintenance processes and dorarder Portagements. It and and and secoletion fload dataset inventories country codcape maintenance processes and dorarder Portagements. It and 2.field surveys would be conducted at an estimated 2,500 unpaved road crossings and 200 borrow pits. A discussion of Phase 1 is presented in the Atta	Hancock, Harrison, Jackson, 32 other additional counties	Yes	No	No	No	No	Yes	Yes	No	\$ 2,343,000.00	\$ -	

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Research and	1816	10/16/2014		The proposed five-year program would implement the specially designed Roadscape Watershed Recovery Program (RWRP) to		, Yes	No	No	No	No Ye	es Yes	5	No	\$ 995,000.00	\$ -	T	
Education				assess, develop prescriptions, treat, monitor, and disseminate information for roadscape unpaved road crossing and borrow pi													
			Aquatic Ecosystem	assets in the approximately 17,560 square-mile (11,238,400 acre) Pearl, Pascagoula, Mobile-Tombigbee, and Alabama River	Jackson,												
			Degradation in Coastal	Basins within Mississippi, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the	32 other												
				RWRP include water quality, aquatic habitats, rare and imperiled aquatic species, invasive species, and stormwater runoff. The	additiona	al											
			Louisiana: Phase II -	RWRP was developed to provide roadscape maintenance and resource management end-users with ground-truthed	counties												
			Roadscape Prescriptions	information, methodologies and practices to improve decision making that result in the on-the-ground implementation of													
				sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments,													
				monitoring, and information dissemination. Reductions in roadscape-induced sedimentation, culvert crossing biological barrier	rs,												
				and crossing zone invasive species would result in measurable water quality and aquatic habitat improvements in river basin													
				watersheds and coastal ecosystems. Roadscape issues, impacts, the program process, costs, and anticipated benefits are													
				discussed in the Attachment Proposal.													
				Phase II employs the findings from Phase I to develop prescriptions for selected high-priority unpaved road crossing and borro	w												
				pit sites, and an overarching treatment plan for crossing zone invasive species. A high-priority site is one identified as having a													
				high potential for environmental impact and a high comparative ranking among the sites assessed for treatment. This phase													
				determines the types of changes that could take place at high-priority roadscape sites. The prescriptions phase is a pivotal													
				interim step between site assessment and project treatment that provides planners, engineers, and practitioners with													
				information critical to minimizing project failures, maximizing the effectiveness and treatment extent of available funds, and													
				facilitating the implementation of sustainable, long-term solutions. Phase II can only be conducted after completion of Phase I													
				components. For Program Years 2 through 5, approximately 80 crossing and 40 borrow pit site prescriptions would be													
				developed. A discussion of Phase II is presented in the Attachment Proposal.													
Research and	1817	10/16/2014	A Program to Assess and	The proposed five-year program would implement the specially designed Roadscape Watershed Recovery Program (RWRP) to	Hancock	Yes	No	No	No	No Ye	s Yes	s 8	0 No	\$ 7.913.000.00	s .		
Education	1017	10/10/2014		assess, develop prescriptions, treat, monitor, and disseminate information for roadscape unpaved road crossing and borrow pi		,				110		5		\$ 7,515,000.00	~		
			Aquatic Ecosystem	assets in the approximately 17,560 square-mile (11,238,400 acre) Pearl, Pascagoula, Mobile-Tombigbee, and Alabama River	lackson	·											
			Degradation in Coastal	Basins within Mississippi, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the	32 other												
				RWRP include water quality, aquatic habitats, rare and imperiled aquatic species, invasive species, and stormwater runoff. The	additiona	al											
			Louisiana: Phase III -	RWRP was developed to provide roadscape maintenance and resource management end-users with ground-truthed	counties												
			Roadscape Treatments	information, methodologies and practices to improve decision making that result in the on-the-ground implementation of													
				sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments,													
				monitoring, and information dissemination. Reductions in roadscape-induced sedimentation, culvert crossing biological barrie	rs,												
				and crossing zone invasive species would result in measurable water quality and aquatic habitat improvements in river basin													
				watersheds and coastal ecosystems. Roadscape issues, impacts, the program process, costs, and anticipated benefits are													
				discussed in the Attachment Proposal.													
				Phase III implements on-the-ground roadscape treatment projects that produce the desired measurable improvements													
				identified in Phase I and conceptualized in Phase II. Projects are designed and implemented applying prescription alternatives	to												
				high-priority unpaved road crossings, borrow pits, and crossing zone invasive species. Crossing and borrow pit projects would													
				include contracted project designs, engineering, and construction and support of county administered projects through													
				technical consultation and site inspection services. Local construction companies would be used to support project design and													
				implementation. As applicable, project activity permitting would be conducted with state and federal regulatory agencies during	ng												
				project design phases. For Program Years 3 through 5 there would be construction projects for an estimated 15 crossings and	10												
				borrow pits and invasive species treatments at an estimated 750 crossing zones. A discussion of Phase III is presented in the													
				Attachment Proposal.													
Research and	1010	10/16/2014	A Brogram to Accorc and	The proposed five-year program would implement the specially designed Roadscape Watershed Recovery Program (RWRP) to	Hancock,	Vor	No	No	No	No Ye	es Yes		No	\$ 346,000.00	c		
Education	1010	10/16/2014	Treat Roadscane Sources of	assess, develop prescriptions, treat, monitor, and disseminate information for roadscape unpaved road crossing and borrow pi	t Harrison.	, res	NO	NO	NO	NO TE	is tes	2	NO	\$ 346,000.00	ş -		
Education			Aquatic Ecosystem	assess, develop prescriptions, deat, montor, and disseminate monitation for roadscape impaver road crossing and borrow pr assets in the approximately 17,560 square-mile (11,238,400 acre) Pearl, Pascagoula, Mobile-Tombigbee, and Alabama River	rianison,												
				assets in the approximately 17,500 square-mile (11,258,400 acre) Pean, Pascagoula, Mobile-Tombigoee, and Alabama River Rasins within Mississioni. Alabama and Louisiana (see Attachment Proposal). The primary resource areas addressed by the	Jackson, 32 other												
			Degradation in Coastal	Basins within Mississippi, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the	32 other	al											
			Degradation in Coastal Mississippi, Alabama, and	Basins within Mississippi, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWRP include water quality, aquatic habitats, rare and imperiled aquatic species, invasive species, and stormwater runoff. The	32 other	al											
			Degradation in Coastal	Basins within Mississippi, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the	32 other additiona	al											
			Degradation in Coastal Mississippi, Alabama, and Louisiana: Phase IV -	Basins within Mississippi, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWRP include water quality, aquatic habitats, rare and imperiled aquatic species, invasive species, and stormwater runoff. The RWRP was developed to provider roadscape maintenance and resource management end-users with ground-truthed	32 other additiona	al											
			Degradation in Coastal Mississippi, Alabama, and Louisiana: Phase IV -	Basins within Mississippi, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the MPWP include water quality, aquich faultists, rare and imperied aquict species(in junkies species, and stormwater rundf. The RWRP was developed to provide roadscape maintenance and resource management end suers with ground-truthed information, methodologies and practices to improve decision making that result in the on-the-ground implementation of	32 other additiona counties	al											
			Degradation in Coastal Mississippi, Alabama, and Louisiana: Phase IV -	Basins within Mississippi, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWRP Include wear upuity, aspatch halants, rare and imperiated aquatic species, and sinvaise species, and incremater rund. The RWRP was developed to provide roadscape maintenance and resource management end-users with ground-truthed information, methodogies and practices to improve decision making that result in the on-the-ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, monotroing, and information disseminations. Reductions in randoxage-induced sedimentation, culver crossing biological abarre	32 other additiona counties	al											
			Degradation in Coastal Mississippi, Alabama, and Louisiana: Phase IV -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWP Include wear quilty, apauth charlants, rare and imperiated aquatic species, and smarks species, and anotweater runoff. The RWP was developed to provide roadscape maintenace and resource management end-users with ground-truthed information, methodologies and practices to improve decision making that result in the on-the-ground implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, precisions, treatment and crossing noe invaries expective would result in mesundweater quality and aquite chalts improvements in river basin and crossing noe invaries expective would result in mesundweater quality and aquite chalts improvements in river basin and crossing noe invaries expective would result in mesundweater quality and aquite chalts improvements in river basin and crossing noe invaries expective would result in mesundweater quality and aquite chalts in provements in river basin and crossing and information discussions and the specific partice and the specific partice and crossing partice invaries the present would be appresent and the provide specific partice and crossing partice intervals the specific would be appresent partice and the partice would be appresent and the partice basing partice and crossing partice intervals the partice would be appresent basing the provide specific method and the partice of th	32 other additiona counties	al											
			Degradation in Coastal Mississippi, Alabama, and Louisiana: Phase IV -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RVMP Include wear upuly, aquich balantar, are and imperied aquicis specie, and sinvais expecies, and tomowater rundr. The RVMP as developed to provide roadscape maintenance and resource management end-users with ground-truthed information, methodogies and practices to improve decision making that result in the on the ground Implementation of sustainable, long-term solutions. The program is divided into five phase that include assessments, prescriptions, treatments, monitoring, and information dissemination. Reductions in roadscape-induced editormation, culved rozsing biological barrier and crossing zone invasive species would result in mesurable water quality and aquatic habitat improvements in rive basin watersheds and coastage locastage bases, flavadscape biological dargets, costs, and anticipated benefits are	32 other additiona counties	al											
			Degradation in Coastal Mississippi, Alabama, and Louisiana: Phase IV -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RVMP include weak caulity, aspatch hadrata, care and imperiated aquatic species, and smarks species, and shortwarker rundh? RVMP based set and an address and cavits species. And address and cavits appendix and cavits and cavit and cavits and	32 other additiona counties	al											
			Degradation in Coastal Mississippi, Alabama, and Louisiana: Phase IV -	Basins within Mississippi, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWPP include wear using, aspatch halants, rare and imperiated aquatic specie. Invasive species, and stormwater rundh? The RWPP and see a setup of the stormwater rundh? The RWPP and see a setup of the stormwater rundh? The RWPP and setup of the stormwater rundh? The RWPP and setup of the stormwater rundh? The rundh and the stormwater rundh? The rundh and the stormwater rundh? The substantiate and consign areas in a storm and the storm store and consign areas in a storm and the storm and the rundh and the stormwater rundh and the rundh and rundh and r	32 other additiona counties	al											
			Degradation in Coastal Mississippi, Alabama, and Louisiana: Phase IV -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWRP Include weak cuality, agust halataria, rare and imperiade aquatic specie, mainwise species, and formwater rundh? The RWRP and see developed to provide cradatoge maintenance and resource management end-users with ground-truthed information, methodogies and practices to improve decision making that result in the on the-ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, montoring, and information dissemination. Relatcriss in nanostacpe-induced sedimentation, culver crossing biological abure and crossing zone invasive species would result in mesurable water quality and aqualte habitat improvements in river basin watersheds and cossing and costacipe assess, pinases, the program process, cost, and watificipaed benefits are discussed in the Attachment Proposal. Phase V provides canadres, process, centers, and indicators for collecting in monotoring activity have been developed to provide standards, process, criteria, and indicators for collecting monotoring meas 1 throughs 7 measurable and accussed standards, procedures, criteria, and indicators for collecting monotoring meas 3 through 5 measurable and construction and dentify changes. Collection methodologies and protocols for each monotoring activity have been developed to provide standards.	32 other additiona counties	al											
			Degradation in Coastal Mississippi, Alabama, and Louisiana: Phase IV -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWPP include weak using long addressing and the set of	32 other additiona counties	al											
			Degradation in Coastal Mississippi, Alabama, and Louisiana: Phase IV -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RVMP Include weak cuality, agust halabatar, are and imperied aquatic species, mainwise species, and formwater rundh. The RVMP as divergent of a strain and the strain and	32 other additiona counties	al											
			Degradation in Coastal Mississippi, Alabama, and Louisiana: Phase IV -	Basins within Mississippi, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWPR include weak curlink, spacet hamburski, are and imperiated aquatic species, mains especies, and stormwater rundh? THE RWPR was developed to provide tradicage maintenance and resource management end-users with ground-truthed information, methodologies and practices to improve decision maining that result in the on the ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, minoritoring, and information disseministic. Bedictors in no-adace, and used a guardic habitat improvements in river Sain watersheds and costage. The solutions in solutions in solutions, the organ process, costs, and anticipated benefits are dissemined and costage. The solutions costage, borrow pits, and affected waterway por- and post-irretaments developed to provide standards, procedures, collection, and indicators for collecting information real forces and post-irretaments to developed to provide standards, procedures, collection, and indicators for collecting informations real dopast practice construction monitoring would be conducted biannal water 200 selected heip-intory tass, withe pra- and post-project construction monitoring would be conducted as a states. 200 selected heip-intory tass, wither and post-project construction monitoring would be conducted as and project states. Mere monitoring at 10 bites, and aquatic construction monitoring would be conducted as a states. States, sediment delivery monitoring at 10 aduates and post-project states and aquatic ecosystem. Routed biannal water, and minicipal bian aduates construction aduated bian aduated scores baseline monitoring would be conducted as and post-project states. The states would be conducted at a state, sediment delivery monitoring at 10 aduated scorestem monitoring at 31 species states. Server bian monitoring at 20 aduated hisphoring transm	32 other additiona counties	ai											
			Degradation in Coastal Mississippi, Alabama, and Louisiana: Phase IV -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWRP Include weak cuality, agust halataria, rare and imperied aquatic species, mainsie species, and formwater rundr. The RWRP and see developed to provide cradatoge maintenance and resource management end-users with ground-truthed information, methodogies and practices to improve decision maining that result in the on the-ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, and crossing zone invasive species would result in mesurable water quality and aqualch babtat improvements in river basin waterheds and cassing zone invasive species would result in mesurable water quality and aqualch babtat improvements in river basin waterheds and cassing competensive monitoring of crossings, borrow pits, and affected waterway pre- and post-treatment to document conditions and identify changes. Collection methodologies and protocols for each monitoring at 10 thread and qualch exoluted at 15 sties, sediment delivery monitoring 11 Sties, and qualch exolytet monitoring would be conducted bannally at 200 selected high-priority sites, while pre- and post-project construction monitoring would be conducted at 15 sties, sediment delivery monitoring 11 Sties, and qualch exolytets monitoring at 41 Sproject sites. Borrow pits monitoring at 00 resulted bab. To scies, no construction struction species sites. No construction species species sites would be conducted bab sharely avoid seals cossystem. Monitoring at 10 spress, and qualch exolytem monitoring at 15 project sites. Borrow pits monitoring at 10 sties, and qualch exolytem	32 other additiona counties	ał											
			Degradation in Coastal Mississippi, Alabama, and Louisiana: Phase IV -	Basins within Mississippi, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWPR include weak curlink, spacet hamburski, are and imperiated aquatic species, mains especies, and stormwater rundh? THE RWPR was developed to provide tradicage maintenance and resource management end-users with ground-truthed information, methodologies and practices to improve decision maining that result in the on the ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, minoritoring, and information disseministic. Bedictors in no-adace, and used a guardic habitat improvements in river Sain watersheds and costage. The solutions in solutions in solutions, the organ process, costs, and anticipated benefits are dissemined and costage. The solutions costage, borrow pits, and affected waterway por- and post-irretaments developed to provide standards, procedures, collection, and indicators for collecting information real forces and post-irretaments to developed to provide standards, procedures, collection, and indicators for collecting informations real dopast practice construction monitoring would be conducted biannal water 200 selected heip-intory tass, withe pra- and post-project construction monitoring would be conducted as a states. 200 selected heip-intory tass, wither and post-project construction monitoring would be conducted as and project states. Mere monitoring at 10 bites, and aquatic construction monitoring would be conducted as a states. States, sediment delivery monitoring at 10 aduates and post-project states and aquatic ecosystem. Routed biannal water, and minicipal bian aduates construction aduated bian aduated scores baseline monitoring would be conducted as and post-project states. The states would be conducted at a state, sediment delivery monitoring at 10 aduated scorestem monitoring at 31 species states. Server bian monitoring at 20 aduated hisphoring transm	32 other additiona counties	ał											
			Degradation in Coastal Mississippi, Alabama, and Louisiana: Phase IV -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWRP Include weak cuality, agust halataria, rare and imperied aquatic species, mainsie species, and formwater rundr. The RWRP and see developed to provide cradatoge maintenance and resource management end-users with ground-truthed information, methodogies and practices to improve decision maining that result in the on the-ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, and crossing zone invasive species would result in mesurable water quality and aqualch babtat improvements in river basin waterheds and cassing zone invasive species would result in mesurable water quality and aqualch babtat improvements in river basin waterheds and cassing competensive monitoring of crossings, borrow pits, and affected waterway pre- and post-treatment to document conditions and identify changes. Collection methodologies and protocols for each monitoring at 10 thread and qualch exoluted at 15 sties, sediment delivery monitoring 11 Sties, and qualch exolytet monitoring would be conducted bannally at 200 selected high-priority sites, while pre- and post-project construction monitoring would be conducted at 15 sties, sediment delivery monitoring 11 Sties, and qualch exolytets monitoring at 41 Sproject sites. Borrow pits monitoring at 00 resulted bab. To scies, no construction struction species sites. No construction species species sites would be conducted bab sharely avoid seals cossystem. Monitoring at 10 spress, and qualch exolytem monitoring at 15 project sites. Borrow pits monitoring at 10 sties, and qualch exolytem	32 other additiona counties	al											
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Research and	1819	10/16/2014	Degradation in Coastal Missistopi, Alabama, and Louislana: Phase IV - Roadscape Monitoring	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWBP include weak cullity, agust halabatar, are and imperied aquatis specie, and sinvais repecies, and formwater rundh? The RWBP and see a see the second	32 other additiona counties		No	No	No	No Y6	25 Yes	5	No	\$ 235,000.00	\$ -		
Research and Education	1819	10/16/2014	Degradation in Coastal Mississipi, Nabama, and Louisiana: Phase IV - Roadscape Monitoring	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWRP Include weak cuality, agust halataria, rare and imperied aquatic species, mainsie species, and formwater rundr. The RWRP and see developed to provide cradatoge maintenance and resource management end-users with ground-truthed information, methodogies and practices to improve decision maining that result in the on the-ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, and crossing zone invasive species would result in mesurable water quality and aqualch babtat improvements in river basin waterheds and cassing zone invasive species would result in mesurable water quality and aqualch babtat improvements in river basin waterheds and cassing competensive monitoring of crossings, borrow pits, and affected waterway pre- and post-treatment to document conditions and identify changes. Collection methodologies and protocols for each monitoring at 10 thread and qualch exoluted at 15 sties, sediment delivery monitoring 11 Sties, and qualch exolytet monitoring would be conducted bannally at 200 selected high-priority sites, while pre- and post-project construction monitoring would be conducted at 15 sties, sediment delivery monitoring 11 Sties, and qualch exolytets monitoring at 41 Sproject sites. Borrow pits monitoring at 00 resulted bab. To scies, no construction struction species sites. No construction species species sites would be conducted bab sharely avoid seals cossystem. Monitoring at 10 spress, and qualch exolytem monitoring at 15 project sites. Borrow pits monitoring at 10 sties, and qualch exolytem	32 other additiona counties rs, Id Hancock,		No	No	No	No Ye	:s Yes	5	No	\$ 235,000.00	ş -		
	1819	10/16/2014	Degradation in Coastal Mississipi, Nabama, and Louisiana: Phase IV - Roadscape Monitoring	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWRP include wear unity, aspatch halants, rare and imperiated aquatic species, invisive species, and stormwater rundr. The RWRP and developed to provide cradicage maintenance and resource management end-users with ground-struited information, methodologies and practices to improve decision maining that result in the on the ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, monotoning, and information dissemination. Relactions in nookace, end used seather attack, outper corresping bobged larger and crossing zone invasive species would result in mesurable water quality and aquatic habitat improvements in river basin watershels and coorgisem. Roadcake sissues, impact, the program process, costs, and anticipated benefits are discussed in the Attachment Proposal. These V provides comprehensive monitories, collections in discussed in first and affected waterwarp for- and post-treatment to Phase V provides conducted biasonally and additional discussion for each monitoring activity) have been developed to provide standards, procedures, criteria, and indicators for collecting information. For Program Yaan 3 though 5 construction monitoring would be conducted biasonally and 20 oblected high-priority tasks, while are and post-species and annual project and aquatic ecosystem monitoring at 30 project sites. And excitated bias to advale ecosystem anamatorized at provides tasks. Sorred monitoring bias and include biasonally bias and annual project and aquatic ecosystem monitoring at 30 project sites. Sorred watersheet annually. A discussion of Phase IV is presented in the Attachment Proposal.	32 other additiona counties rs, Id Hancock,		No	No	No	No Ye	rs Yes	5	No	\$ 235,000.00	s -		
	1819	10/16/2014	Degradation in Coastal Mississippi, Nahama, and Louislana: Phase IV - Roadscape Monitoring A Program to Assess and Treat Roadscape Sources of	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWRP include wear unity, aspach fabritar, are and imperied aquatic species, mains expecies, and termwater rund. The RWRP and see developed to provide creadscape maintenance and resource management end-users with ground-truthed information, methodogies and practices to improve decision mains that result in the on the-ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, montoring, and information dissemination. Relatcriss in nasoface-particular distances, cost, and witchinged benefits are discussed in the Attachment Proposal. Phase V provides comprehensive monitoring of crossings, borrow pits, and affected waterway pre- and post-treatment to document conditions and identify changes. Callection methodologies and protocols for each monitoring at 10 frequences, criteria, and indicators for collecting subjects and the analy project and aqualic ecosystem. Roadcett at 15 sties, sedimet delivery monitoring 11 Sties, and qualic lecosystem. Roadcett at 15 sties, sedimet delivery monitoring 11 Sties, and qualic ecosystem monitoring at 41 Sproject sties. Borrow pits presented in the Attachment Proposal. Phase Phytorolice subjects and stress for collecting at 10 sties, and qualic ecosystem monitoring at 15 project sties. Borrow pits monitoring at 20 selected high-priority sties, and annual project and qualic ecosystem. Roadcett at 15 sties, selectinad stees, necessard 50 crossing paoe invasive species sites wou be inspected annually. A discussion of Phase IV is presented in the Attachment Proposal.	32 other addition: counties rs, Id Hancock, t Hancock,		No	No	No	No Ye	rs Yes	5	No	\$ 235,000.00	\$ -		
	1819	10/16/2014	Degradation in Coastal Mississippi, Nabama, and Louisiana: Phase IV - Roadscape Monitoring A Program to Assess and Treat Roadscape Sources of Aquatic Ecosystem Degradation in Coastal Mississippi, Nabama, and	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWRP include wear unity, aspatch halants, rare and imperiated aquatic species. Invises species, and some RWRP include wear unity, aspatch halants, rare and imperiated aquatic species. Invises species, and some stormaton, methodologies and practices to improve decision mains that result in the on-the-ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, monotraing, and information disseminaticage issues, impacts, being organic adjust and and consing room invisive species would result in measurable water quality and aquatic habitat improvements in river basin watersheds and consisters. Theorem and the special issues and the special of consing basic discussed in the Attachment Proposal. Phase V provides comprehensive monitoring of crossings, borrow pits, and affected waterway pre- and post-treatment to document conditions and identify changes. Collection methodologies and protocols for each monitoring at lot they and pack is consisting baseline monitoring would be conducted biannaway at 200 selected high-priority sites, while pre- and post-project construction monitoring would be conducted biannaway at 200 selected high-priority sites, while pre- and post-project annual project and aquadic ecosystem. Monitoring at 10 project sites / An estimated 75 crossing atone invasive species sites would be impected annually. A discussion of Phase IV is presented in the Attachment Proposal. The proposed five-year program would implement the specially designed Roadscape. Watershed Recovery Program (RWRP) to assess, develop prescriptions, treat, monitoring at 10 project roads annual approxed road crossing and boarsow p assess in the approxemely 17.555 oggaarse metally sales and bases. Below of the proposed five-year program would implement the specially designed Roadscape. Watershed Recovery Progr	32 other additions counties rs, Id Hancock, t Harrison, Jackson, 32 other	, Yes	No	No	No	No Ye	:s Yes	5	No	\$ 235,000.00	\$ -		
	1819	10/16/2014	Degradation in Cosstal Mississipi, Alabama, and Louisiana: Phase IV - Roadscape Monitoring A Program to Assess and Treat Roadscape Sources of Aquatic Ecosystem Degradation in Cosstal Mississipi, Alabama, and Duisliane: Phase V -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWP include weak routine, search bankaria, rare and imperiated aquatic species. Invises species, and stormwater rund. The RWP and search and the br>RWP and search and the search and the search and the search and the search and the subarability and the search and the search and the search and the search and the subarability and search and the search and the search and the search and the subarability and search and the search and the search and the and crossing particular search and the search and the search and the search and the and crossing particular search and the search and the search and the addressing particular search and the search and the search and the addressing particular search and the the search difference the search and the search and the search and the search and the the search difference the search and the search and the search and the search	32 other additions counties rs, Id Hancock, t Harrison, Jackson, 32 other	, Yes	No	No	No	No Ye	-s Yes	5	No	\$ 235,000.00	\$ -		
	1819	10/16/2014	Degradation in Coastal Mississippi, Nabama, and Louisiana: Phase IV - Roadscape Monitoring A Program to Assess and Treat Roadscape Sources of Aquatic Ecosystem Degradation in Coastal Mississippi, Nabama, and	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWRP include wear unity, aspatch halants, rare and imperiated aquatic species, mains expecies, and to RWRP include wear unity, aspatch halants, rare and imperiated aquatic species. Invises species, and some submittance. The advectory and the special main advectory and the special main advectory and constraints, methodogies and practices to improve decision mains that result in the on-the-ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, monotraing, and information dissemination. Relactions in anodacupe-induced based to advect advectory and the special main advectory. The special main advectory advectory and a special cosystems. Readcalces bases, impacts, being compared to advectory advectory and advectory advectory based. Special methodologies and protocols for each monitoring and information. Civit Crossing based is consisted baseline monitoring of crossings, borrow pits, and affected waterway pre- and post-treatment to document conditions and elembrity, changes. Collection methodologies and protocols for each monitoring activity have been developed to provide standark, procedule at 15 stes, scientical on tracitication formation. For Program Res 3 through 2, crossing baseline monitoring and be conducted biannally at 200 selected high-priority sites, while pre- and post-project construction monitoring and discription at 15 stess, address and the special sites would be inspected annually. A discussion of Phase IV is presented in the Attachment Proposal. The proposed five-year program would implement the specially designed Roudscape Watershed Recovery Program [RVMP] to assess, develop prescriptions, treat, monitoring at 10 project isses. An exploration of rouis advectory and advectory of the proposed five-year program would implement the specially designed Roudscape Watershed R	Id Hancock, t Harrison, Jacober additional counties	, Yes	No	No	No	No Ye	:s Yes	5	No	\$ 235,000.00	s -		
	1819	10/16/2014	Degradation in Cosstal Mississipi, Alabama, and Louisiana: Phase IV - Roadscape Monitoring A Program to Assess and Treat Roadscape Sources of Aquatic Ecosystem Degradation in Cosstal Mississipi, Alabama, and Duisliane: Phase V -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the MXMP include weak routine, spaceh tabinatar, are and imperiated aquatic species. Invision species, and stromwater rundh? The MXMP and developed to provide radiacipe maintenance and resource management end-users with ground-truthed information, methodologies and practices to improve decision making that result in the on the ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, perscriptions, treatments, minimizing, and information disseministic Biolectos in sonocace midued selectors, costs, and stricting biological and runds and costing cone invasive species would result in mesuanable water quality and aquatic habitar improvements in information and costing cone invasive species would result in mesuanable water quality and aquatic habitar improvements in information and costing cone invasive species would result in mesuanable water quality and aquatic habitar improvements in information document conditions and identify changes. Collection methodologies and protocost, cost, and stricting developed benefits are developed to provide standards, procedures, criteria, and indicatos for collecting information. For Program Yaan 3 through 5, monitoring with species tisse. Borrow pits, and indicatos for collecting information. For Program Yaan 3 through 5, and anautal project sites. Borrow pits and biotecide binanub baseline monitoring at 40 hip-priority tasts, wither and post protein construction monitoring would be conducted at 51 tests, sediment delivery monitoring at 10 applicat routes and aquatic ecosystem monitoring at 10 project sites. And aquatic ecosystem monitoring at 30 applicat and aquatic ecosystem monitoring at 10 project sites. Borrow pits, and aquatic ecosystem monitoring at 30 application pits and aquatic ecosystem monitoring and biosymptic. The approximation for string and biosymptic and annual project	32 other additiona counties rs, Id Hancock, Harrison, Jackson, S2 other additiona counties	, Yes	No	No	No	No Ye	rs Yes	s	No	\$ 235.000.00	\$ -		
	1819	10/16/2014	Degradation in Cosstal Mississipi, Alabama, and Louisiana: Phase IV - Roadscape Monitoring A Program to Assess and Treat Roadscape Sources of Aquatic Ecosystem Degradation in Cosstal Mississipi, Alabama, and Duisliane: Phase V -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWRP include wear unity, aspatch halants, rare and imperiated aquatic species. Invises species, and some the RWRP include wear unity, aspatch halants, rare and imperiated aquatic species. Invises species, and some sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, and costing and information disseminatics. Belactions in asolato, environmentation, cubic troating biological and and costing and information disseminatics else study. The program process, costs, and anticipated benefits are discussed in the Attachment Proposal. Phase V provides comprehensive monitoring of crossings, borrow pits, and affected waterway pre- and post-treatments in discussed in the Attachment Proposal. Phase V provides constrained, sciences, costs, and anticipated benefits are discussed in the Attachment Proposal. Phase V provides canadra, bocceduces, criteria, and indicatos for collecting finanzation. Cubic Crossing based cost developed to provide standards, posecular data 15 states, administration and user to associate construction monitoring and to prevent devices and the state cost monitoring at 45 project; states. Borrow pits monitoring at 20 particular 51 states, and actuated to be inspected annually or disted and constrained at 15 states, administration 32 cost and associated cost postem. Rooting at 35 proves pits and associated annually at 5 project; states. An estimated 37 costing table mentation gat 40 high-priority associates annual project and adjutic cost postem monitoring at 30 proves and adjutic cost postem costing at a state cost postem monitoring at 30 proves pits and associates annually on the state and the states. An estimated 37 costing table mentative species at the variant of the states and the states and the states and the states and the states were be inspected annually. A discussion of Phase V is pr	32 other additiona counties rs, Id Hancock, Harrison, Jackson, S2 other additiona counties	, Yes	No	No	No	No Ye	:s Yes	5	No	\$ 235,000.00	\$ -		
	1819	10/16/2014	Degradation in Cosstal Mississipi, Alabama, and Louisiana: Phase IV - Roadscape Monitoring A Program to Assess and Treat Roadscape Sources of Aquatic Ecosystem Degradation in Cosstal Mississipi, Alabama, and Duisliane: Phase V -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the MXMP include weter quility, aquich thatins, rare and imperiated quick species. Invises species, and stormwater rund. The MXMP and developed to provide radiacipe maintenance and resource management end-users with ground-truthed information, methodologies and practices to improve decision making that result in the on the ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, perscriptions, treatments, maintoring, and information disseminiation. Bedictors in robuscape advoced based to provide the statements in watershelds and costing and statements in the phases that include assessments perscriptions, treatments, and costing grown invasive species would result in measurable water quality and aquatic habitat improvements in rifer dasin watershelds and costing in the state species and the state of the state statements, mainternels and costing costing in the state state state and the state state and the state state state and developed to provide standards, procedures, criteria, and indicators for collecting information. For Program Year3 B through 5, construction monitoring would be conducted biasmally base to be interpreter the state and annual project states. Barrow pits, and finde the state state and aquatic ecosystem monitoring at 13 project states. Barrow pits, and indicators for collecting information. The Program Year3 B through 5, annual project states. Barrow pits is monitoring would include biasmally basels monitoring at 10 hip-protript states. Mile provides scates and aquatic ecosystem monitoring at 10 project states. And aquatice ecosys	32 other additiona counties rs, Id Hancock, Harrison, Jackson, S2 other additiona counties	, Yes	No	No	No	No Ye	-s Yes	5	No	\$ 235,000.00	s -		
	1819	10/16/2014	Degradation in Cosstal Mississipi, Alabama, and Louisiana: Phase IV - Roadscape Monitoring A Program to Assess and Treat Roadscape Sources of Aquatic Ecosystem Degradation in Cosstal Mississipi, Alabama, and Duisliane: Phase V -	Bains within Misissipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the RWRP include wear unity, aspacit habitar, are and imperiated aquatic species, mains expecies, and tormwater rund. The RWRP and eveloped to provide roadscape maintenance and resource management end-users with ground-struked information, methodogies and practices to improve decision maining that result in the on-the-ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, and consign cone invasive species would result in measurable water quality and aquatic habitat improvements in river basin watersheds and costing cone finations (see the structure), the program process, cost, and anticipated benefits are discussed in the Attachment Proposal. Phase V provides comprehensive monitoring of crossings, borrow pits, and affected waterway pre- and post-treatment to document conditions and identify changes. Collection methodologies and protocols for each monitoring at 10 high-priority sites, while pre- and post-treatment to advected to advatice to advate to a site science of the structure of the	32 other additiona counties rs, Id Hancock, Harrison, Jackson, S2 other additiona counties	, Yes	No	No	No	No Ye	25 Yes	5	No	\$ 235,000.00	\$ -		
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	1819	10/16/2014	Degradation in Cosstal Mississipi, Alabama, and Louisiana: Phase IV - Roadscape Monitoring A Program to Assess and Treat Roadscape Sources of Aquatic Ecosystem Degradation in Cosstal Mississipi, Alabama, and Duisliane: Phase V -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the MWP incide weter quilty, aquich habitar, are and imperied aquicits species. Invision species, and stormwater rund. The MWP and see weter quilty, aquich habitar, are and imperied aquicits species. Invision species and particles to microartical methods and	32 other additiona counties rs, Id Hanroock, t Harrison, Jackson, 32 other additiona	, Yes	No	Νο	No	No Ye	5 Yes	5	No	\$ 235,000.00	5 -		
	1819	10/16/2014	Degradation in Cosstal Mississipi, Alabama, and Louisiana: Phase IV - Roadscape Monitoring A Program to Assess and Treat Roadscape Sources of Aquatic Ecosystem Degradation in Cosstal Mississipi, Alabama, and Duisliane: Phase V -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the MXMP include wear unity, aspatic habitars, area ad imperied aquatic species. Invises species, and stormwater rund. The MXMP and developed to provide tradicage maintenance and resource management end-users with ground-truthed information, methodogies and practices to improve decision mains that result in the on the ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, and crossing zone invasive species would result in measurable water quality and aquatic habitat Improvements in river basin watersheds and costisters. Rookade, sei sussi, Impact, the program process, costs, and anticipated benefits are discussed in the Attachment Proposal. Mission and Mission	32 other additiona counties rs, Id Hanroock, t Harrison, Jackson, 32 other additiona	, Yes	No	No	No	No Ye	s Yes	5	No	5 235,000.00	\$ -		
	1819	10/16/2014	Degradation in Cosstal Mississipi, Alabama, and Louisiana: Phase IV - Roadscape Monitoring A Program to Assess and Treat Roadscape Sources of Aquatic Ecosystem Degradation in Cosstal Mississipi, Alabama, and Duisliane: Phase V -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the MXMP include weter quility, aquich habitar, are and imperied aquicits species. Invision species, and stromweter rund. The MXMP and developed to provide roadscape maintenance and resource management end-users with ground-truthed information, methodologies and practices to improve decision maining that result in the on the ground Implementation of sustainable, long-term solutions. The program is divided into flow phases that include assessments, prescriptions, treatments, microting and information disseministics. The program is divided into flow phases that include assessments, prescriptions, treatments, microting and information disseministics. Clearity company, based and the phases that include assessments, prescriptions, treatments, microting and information disseministics. Clearity company, based and the special and analysis paceles these. Some years and the special and analysis opecies these. Some years and the special and the	22 other counties (s, k) k Hancock, t Hancock, 1 Addition Jackson, 22 other dation (counties) (s, k) k Hancock, 1 Addition (counties) (s, k) k Hancock, 1 Addition (counties) (c	, Yes	No	No	No	No Ye	s Yes	s	No	5 235,000.00	S -		
	1819	30/16/2014	Degradation in Cosstal Mississipi, Alabama, and Louisiana: Phase IV - Roadscape Monitoring A Program to Assess and Treat Roadscape Sources of Aquatic Ecosystem Degradation in Cosstal Mississipi, Alabama, and Duisliane: Phase V -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the MXMP include wear unity, aspatch halants, rare and imperied aquatic species. Invises species, and stormwater rund. The MXMP and developed to provide tradicage maintenance and resource management end-users with ground-truthed information, methodogies and practices to improve decision maining that result in the on the ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, microting, and information disseminiation. Relactions in novadage induced autic habits and acrossing babolical barries and cossing zone invasive species would result in mesurable water quality and aquatic habits Improvements in river basin watershels and cossing. Borony phase, and fifted waterway per - and post-treatments, microssing baseline monitoring would be conducted basen upper to a distribution of the advection developed to provide standards, procedures, criteria, and indicators for collecting information. For Program Yasa's Dhrough S, and muscing of the provide standards, procedures, criteria, and indicators for collecting information. For Program Yasa's Dhrough S, monitoring with Direct States. Sorrow phase monitoring would be conducted basenul base in monitoring at 10 hip-proviny tasks. And process the saline monitoring would be conducted basel basel base monitoring at 10 hip-proving Yasa. The proposed five-year program would implement the specially designed Roadscape Watershed Recovery Program (RWRP) to aases, develop prescriptions, treat, monitoring would been the lite 20 storest tasks and and and avails ecosystem monitoring at 30 storest with the advectioned equite species and substate by the RWPP incide wear program would implement the specially designed Roadscape Watershed Recovery Program (RWRP) to aases, develop prescriptions, treat, monitoring at 10 project states, and analysis to the opproving tas	22 other counties (s, k) k Hancock, t Hancock, 1 Addition Jackson, 22 other dation (counties) (s, k) k Hancock, 1 Addition (counties) (s, k) k Hancock, 1 Addition (counties) (c	, Yes	No	No	No	NO Ye	15 Yes	5	No	5 235,000.00	5 -		
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	1819	10/16/2014	Degradation in Cosstal Mississipi, Alabama, and Louisiana: Phase IV - Roadscape Monitoring A Program to Assess and Treat Roadscape Sources of Aquatic Ecosystem Degradation in Cosstal Mississipi, Alabama, and Duisliane Z Phase V -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the MXMP include weter quilty, aquich habitar, are and imperied quick specie. Invision species, and stromweter rund. The MXMP and developed to provide radicage maintenance and resource management end-users with ground-truthed information, methodologies and practices to improve decision making that result in the on the ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, maintoring, and information dissemination. Electrons in nosacce midual dealerstalian, cluvert crossing bablight Lander and crossing use invisive species would result in mesunable water quality and aquitic habitar improvements in ther Dasin discussion and learnity changes clusters in species and strong and the species of the species species of the species species of the species species species of the species species of the species species of the species of t	32 other addition.counties statistics statistics statistics addition.counties statistics	, Yes	No	No	No	No Ye	is Yes	•	No	5 235,000.00	5 -		
	1819	30/15/2014	Degradation in Cosstal Mississipi, Alabama, and Louisiana: Phase IV - Roadscape Monitoring A Program to Assess and Treat Roadscape Sources of Aquatic Ecosystem Degradation in Cosstal Mississipi, Alabama, and Duisliane Z Phase V -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the MXMP include wear unity, aspatch halants, rare and imperiated aquatic species. Invises species, and stormwater rund. The MXMP and developed to provide tradicage maintenance and resource management end-users with ground-struthed information, methodologies and practices to improve decision maining that result in the on the ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, microtionized and intradices assess, impacts, being solutions, being adapted to provide the basis of subtached long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, and crossing zone invasive species would result in measurable water quality and aquatic habitat improvements in river basin watershels and costing in the Attachment Proposal. The program process, costs, and anticipated benefits are discussed in the Attachment Proposal. Solutions much observation and affected waterwarp one and cost treatment to these if provides tanknatics, procedures, criteria, and indicators for collecting information. For Program Yaara 3 through 5, construction monitoring would be conducted basinally basine monitoring at 10 hip-priority tasks, withe praced post provide and much aprices tasks. Borrow pits, and indicators for collecting information. For Program Yaara 3 through 5, to assess, develop prescriptions, treat, monitoring would include biannub basisme monitoring at 10 hip-priority tasks, withe praced stasks. Borrow pits, and annual program Yaara 3 through 5, to assess, develop prescriptions, treat, monitoring would include biannub basisme intervises process and annuality. A discussion of Phase IV is presented in the Attachment Proposal. The program (RVMP) to assess, develop prescriptions, treat, monitori, and discussion and promave praced rasks andersessed by the RW	32 other addition.counties statistics statistics statistics addition.counties statistics	, Yes	No	Νο	No	Νο Υε	15 Yes	5	No	5 235,000.00	5 -		
	1819	10/16/2014	Degradation in Cosstal Mississipi, Alabama, and Louisiana: Phase IV - Roadscape Monitoring A Program to Assess and Treat Roadscape Sources of Aquatic Ecosystem Degradation in Cosstal Mississipi, Alabama, and Duisliane Z Phase V -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the MXMP include weter quilty, aquich habitar, are and imperied quick specie. Invision species, and stromweter rund. The MXMP and developed to provide radicage maintenance and resource management end-users with ground-truthed information, methodologies and practices to improve decision making that result in the on the ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, maintoring, and information dissemination. Electrons in nosacce midual dealerstation, cluver crossing bablight Lander and crossing use invisive species would result in mesunable water quality and aquitic habitar improvements in ther Dasin discussion and learnity changes. Collection methodologies and protocols, colts, and articipated benefits are developed to provide standards, procedures, criteria, and indicators for collecting information. For Program Yeara distrogers, and consign baseline monitoring of crossings. borrow pits, and affected waterway pre- and post-treatment to document conditions and identify changes. Collection methodologies and protocols for each nonstrom and bip-protript states. Miler and post-protect construction monitoring would be conducted lates 19 Jan protect sites. And excellent in hip-protript states, miler and post-protect anamal project and aquatic ecosystem monitoring at 10 protect sites. And excellent Proposal. The proposed file-year program would implement the specially disigned Roudrage. Materiand Resource Program RWPM to stasses. develop protect sites. serving and implement Proposal. The special file-year program would implement the specially disigned Roudrage. Materiand Resource Program Resource materials and annually. A discussing for Atthormet Proposal. The species affect system strongers and intervent on the phases that include assessments, prescriptions, treat-more stasses. devel	32 other addition.counties statistics statistics statistics addition.counties statistics	, Yes	No	No	No	No Ye	is Ves	5	No	\$ 235,000.00	\$ -		
	1819	10/16/2014	Degradation in Cosstal Mississipi, Alabama, and Louisiana: Phase IV - Roadscape Monitoring A Program to Assess and Treat Roadscape Sources of Aquatic Ecosystem Degradation in Cosstal Mississipi, Alabama, and Duisliane Z Phase V -	Basins within Mississipp, Alabama, and Louisiana (see Attachment Proposal). The primary resource areas addressed by the MXMP include weter quilty, aquich habitar, are and imperied quick specie. Invision species, and stromweter rund. The MXMP and developed to provide radicage maintenance and resource management end-users with ground-truthed information, methodologies and practices to improve decision making that result in the on the ground Implementation of sustainable, long-term solutions. The program is divided into five phases that include assessments, prescriptions, treatments, maintoring, and information dissemination. Electrons in nosacce midual dealerstation, cluver crossing bablight Lander and crossing use invisive species would result in mesunable water quality and aquitic habitar improvements in ther Dasin discussion and learnity changes. Collection methodologies and protocols, colts, and articipated benefits are developed to provide standards, procedures, criteria, and indicators for collecting information. For Program Yeara distrogers, and consign baseline monitoring of crossings. borrow pits, and affected waterway pre- and post-treatment to document conditions and identify changes. Collection methodologies and protocols for each nonstrom and bip-protript states. Miler and post-protect construction monitoring would be conducted lates 19 Jan protect sites. And excellent in hip-protript states, miler and post-protect anamal project and aquatic ecosystem monitoring at 10 protect sites. And excellent Proposal. The proposed file-year program would implement the specially disigned Roudrage. Materiand Resource Program RWPM to stasses. develop protect sites. serving and implement Proposal. The special file-year program would implement the specially disigned Roudrage. Materiand Resource Program Resource materials and annually. A discussing for Atthormet Proposal. The species affect system strongers and intervent on the phases that include assessments, prescriptions, treat-more stasses. devel	32 other addition.counties statistics statistics statistics addition.counties statistics	, Yes	No	No	NO	No Ye	-s Yes	5	No	5 235,000.00	5 -		

Research and	1839	5/14/2014	Modernization of	GCRL physical plant is not modern and so is energy inefficient, has inadequate backup generator power, and supports several	Jackson	Yes	Yes	No	No	No	Yes	Yes	100	Yes	s	1.92 \$	-
Education		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	GCRL's research	buildings with modern-day uses very different from the original design intentions. Of particular importance is to reduce the									100			-	
			infrastructure on the	energy footprint for the campus. In addition, the GCRL boat basin has not been renovated since prior to Hurricane Katrina. The													
1			Halstead Campus	following projects would substantially modernize the Halstead Campus.													
1				1.Bpgrade of electrical, air conditioning, and generator capacity for Caylor. Much of the lower level wiring is aging prematurely													
1				due to submersion in saltwater during Katrina. Generator capacity is gravely inadequate. The air conditioning and heating units													
1				should be replaced with modern energy-efficient power plants. 2.Bpgrade of electrical, air conditioning, and generator capacity for the Research Building. Much of the lower level wiring is													
1				aging prematurely due to submersion in saltwater during Katrina. Generator capacity is gravely inadequate. The air conditioning													
1				and heating units should be replaced with modern energy-efficient power plants.													
				3. The Director's house, originally a home, now serves as an administrative unit. Efficient use of the facility requires													
				renovation to e.g., remove the kitchen and replace it with office space. Movement of GCRL administration in total to this facility													
1				would open up badly needed office space for faculty and graduate students in the Oceanography Building.													
1				4.Ithe old toxicology building will be replaced by a new building sited on the Cedar Point Campus. Renovation of the old													
1				building to convert it into a modern laboratory and office facility will permit expansion of the Fisheries and Ecosystems Research													
1				groups. Location (City, County): Ocean Springs, Jackson, GCRL Halstead Campus													
1				Infrastructure cost (# years): \$1.920 million													
1				Annual Operation & Maintenance Cost (# years): GCRL supports full maintenance, utilities, and custodial services for these													
1				buildings. GCRL anticipates that the renovations will reduce, not increase, these costs resulting in a long-term cost savings to													
1				GCRL.													
1				How will this leverage with other RESTORE priority areas or non-RESTORE funds?: GCRL expects the renovations to support a													
				wide range of science programs aimed at fisheries, coastal restoration, ecosystem and landscape biology, and marine diseases,													
				among others.													
				Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce development and training, etc.): The project will permit GCRL to upgrade its physical plant and reduce its cost of operation. The													
				development and training, etc.): The project will permit GCRL to upgrade its physical plant and reduce its cost of operation. The facilities support a wide range of research programs affecting local, regional, and national economics by providing the location													
Research and	10/0	5/14/2014	Redecian of CCRL Holdson	GCRLå€ [™] s main entrance is a road-based easement across a neighboring piece of property. Due to sealevel rise, this entrance is	Jackson	Yes	Yes	No	No	No	Yes	Vos	100) Yes	\$ 735.0	00.00	
Research and Education	1840	3/14/2014		CKLAt "s main entrance is a road-based easement across a neighboring piece of property. Due to sealevel rise, this entrance is ar increasingly flooded preventing employees from attending work on some days and risking the entrapment of employees and	JackSOII	165	165	NU	140	no	165	165	100	ies	÷ 735,0	\$ 00.00	
			routes, and boat access	students already on site. In addition, (1) a number of areas of severe erosion endanger the property and adjacent marshes. In													
				addition, boat-ramp access by local boaters, provided under an MOU signed with the City of Ocean Springs, generates													
				congestion without providing a positive experience of the visitor. Growth of the MEC program has saturated available student													
1				parking and resulted in high traffic use on old, poorly marked roadways. The main entrance, vehicular routes, and parking													
1				should be fully redesigned. This will entail the following steps.													
1				1.Purchase of the adjoining property; 2.Redesign of Halstead vehicular traffic by moving the main entrance to higher ground and re-orienting roadways consistent													
1				with the new entrance;													
1				3.Establishment of a new boat launch and parking facility near the present entrance;													
1				4.Development of a landscaping plan including a swale to capture storm runoff and erosional materials along the near-													
1				shoreface from the new ramp to the boat basin;													
1				5.Addition of trees to improve wind management; and													
				6.Eonstruction of additional parking for students, staff, and faculty in the area where the present entrance road divides													
1				towards the boat basin. Location (City, County): Ocean Springs, Jackson, GCRL Halstead Campus													
1				Infrastructure cost (# years): \$735.000													
1				Annual Operation & Maintenance Cost (# years): GCRL expects little additional long-term costs above present-day upkeep of the													
1				present entrance, as landscaping will be low maintenance trees and shrubs; mowing the grass on the new property will be the													
1				only additional maintenance item. Ocean Springs has obligated funds to maintain garbage pickup and to provide police security													
				in the public access areas.													
				How will this leverage with other RESTORE priority areas or non-RESTORE funds? GCRL expects the renovations to support a													
				wide range of science programs aimed at fisheries, coastal restoration, ecosystem and landscape biology, and marine diseases, among others, as well as the middle to high school and undergraduate programs of the MEC and graduate level courses taught													
1				by GCRL faculty.													
				Information relevant to Economic Development (e.g., new construction, new employment opportunities, workforce													
Research and	1841	5/14/2014	Design and construction of	F GCRL offers a range of over-night and short-term lodging for visiting scientists, and visiting teachers and students participating	Jackson	Yes	No	No	No	Yes	No	Yes	100	No	\$	3.35 \$	-
Education			overnight lodging and	in the various programs offered by the Marine Education Center. In 2013, the availability of overnight lodging was a direct													
			expanded dining capacity	determinant of the number of participants in the Marine Education Center programs, as all available beds were filled. An													
			supporting the Marine	ongoing economic feasibility study shows the potential for the MEC to increase its current participant numbers to double its	1												
			Education Center	existing capacity with the addition of appropriate lodging on the Halstead Campus. The additional of lodging at Halstead will support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for	_												
			Education Center	support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for													
			Education Center	support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and retreat programs for small science professional and academic groups. Additionally, several of the MECAETS													
			Education Center	support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and retreat programs for small science professional and academic groups. Additionally, several of the MEC&E** educational partners have indicated a similar need for appropriate housing compatible with their program audiences. These													
			Education Center	support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and reterest programs for simal science proteosicanal and academic groups. Additionally, several of the MECLE*'s educational partners have indicated a similar need for appropriate housing compatible with their program audiences. These partners include The National Park Service, The Grand Bay National Extuarine Research Reserve, the Pascagoula River Audioon Centers, the Ocean Spring; Chamber of Commerce, the Mary C. OSE**Cele Cultural Center and the Valler Anderson Museum of													
			Education Center	support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and reterat programs for small science professional and academic groups. Additionally, several of the MECR [®] 's educational partners have indicated a similar need for appropriate housing compatible with their program audiences. These partners include the National Park's review. The Grand Bay Matonal Estuarine Research Reverve, the Pascagauia Rev Auduon Center, the Ocean Springs Chamber of Commerce, the Mary C. D&®**Research Reverve, the Valler Anderson Museumo Art. Partnering with these organizations provides additional housing markets and professional program growth opportunities.													
			Education Center	support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and retreats programs for small science professional and academic groups. Additionally, several of the MECIE*'s educational partners have indicated a similar need for appropriate housing compatible with their program audiences. These partners include The National Park Service, The Grand Bay National Estuarine Research Reserve, the Pascagoula River Audobon Center, the Ocean Spring: Chamber of Commerce, the Mary C. OSE**edef Cultural Center and the Valler Anderson Museum on Art. Partnering with these organizations provides additional housing markets and professional program growth opportunities. The construction project proposed will a accommodations for 80.													
			Education Center	support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and reterate programs for small science professional and academic groups. Additionally, several of the MECLE*'s educational partners have indicated a similar need for appropriate housing compatible with their program audiences. These partners include the National Park's review. The Grand Bay Matonal Estuarine Research Reserve, the Pascagauia Rev Audubon Center, the Ocean Springs Chamber of Commerce, the Mary C. OKE*'Reefe Cultural Center and the Waller Anderson Museumo Art. Partnering with these organizations provides additional housing markets and professional program growth opportunities. The construction project proposed will at accommodations for 80.													
			Education Center	support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and retreat programs for small science professional and academic groups. Additionally, servel of the MCEG ⁺ 's educational partners have indicated a similar need for appropriate housing compatible with their program audiences. These partners include The National Park Service, The Grand Bay National Estuarine Research Reserve, the Pascagoula River Audubon Center, the Ocean Springs Chamber of Commerce, the Mary C OAE ⁺ Keefe Cultural Center and the Walter Anderson Museum of Art. Partnering with these organizations provides additional housing markets and professional program growth opportunities. The construction project proposed will accommodations for 80. The GCHL dining Facility is equivalently taxed. Maximum capacity has been reached on a number of occasions in 2013. Expansion of the MEC program will require an expanded ability to feed participants commensures with the expanded lodging													
			Education Center	support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and reterat programs for small science professional and academic groups. Additionally, several of the MECR [®] 's educational partners have indicated a similar need for appropriate housing compatible with their program audiences. These partners include the National Park's review. The Grand Bay Matonal Estuarine Research Reverve, the Pascagauia Rever Audubon Center, the Ocean Spring; Chamber of Commerce, the Mary C. OK [®] /CReefe Cultural Center and the Waller Anderson Museumo Art. Partnering with these organizations provides additional housing markets and professional program growth opportunities. The Construction project proposed will at accommodations for 80. The GRU, ding fingli is equivalently taed. Maximum capacity has been reached on a number of occasions in 2013. Expansion of the MEC program will require an expanded ability to feed participants commensurate with the expanded lodging capability on the Hatterad Campus.													
			Education Lenter	support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and reterat programs for simal iscince professional and academic groups. Additionally, servel of the MECR [®] 's educational partners have indicated a similar need for appropriate housing compatible with their program audiences. These partners inclued the National Parks' review. The Grand Bay Matonal Estuarine Research Reverve, the Pascagauia Rev Audubon Center, the Ocean Spring: Chamber of Commerce, the Mary C. OK [®] Veefect Cultural Center and the Waller Anderson Museumo Arc. Partnering with these organizations provides additional housing markets and professional program growth opportunities. The GCRU ding field is equivalently taed. Maximum capacity has been reached on a number of occasions in 2013. Expansion of the MEC program will require an expanded ability to feed participants commensurate with the expanded lodging capability on the Hastead Zampus. Location (Otty, County): Coents Springs, Jackson, GCRU Halstead Campus Infrastructure cost (eyears): 53.23 million													
			Education Lenter	support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and reterate programs for simal iscence professional and academic groups. Additionally, servel of the MECIE*'s educational partners have indicated a similar need for appropriate housing compatible with their program audiences. These advances include the National Parks' review. The Grand Bay Mathonal Esturine Research Reserve, the Parcagouia Rever Audubon Center, the Ocean Springs Chamber of Commerce, the Mary C D&E*Reserv Chamber, be Parcagouia Rever Audubon Center, the Ocean Springs Chamber of Commerce, the Mary C D&E*Reserv Chamber, be Parcagouia Rever Audubon Center, the Ocean Springs Chamber of Commerce, the Mary C D&E*Reserv Chamber, be Parcagouia Rever Audubon Center, the Ocean Springs Classible provides additional housing markets and professional program growth opportunities. The Costfuction project proposed will at accommodations for 80. The GCLE, dining Sacility is equivalently taxed. Maximum capacity has been reached on a number of occasions in 2013. Expansion of the Net Corparis Mill require an expande ability to feed participants commensurate with the expanded lodging capability on the Halatead Campus. Location (Cry, County): Coean Springs, Jackson, GCRL Halstead Campus Inflatricuter cost (If yeas): 53.458 million Annual Operation & Maintenance Cost (If yeas): GCRL manages its lodging on a cost recovery basis. Day rates cover custodial,													
			Education Center	support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and reterat programs for simal iscence professional and academic groups. Additionally, servel of the MECR [®] 's educational partners have indicated a similar need for appropriate housing compatible with their program audiences. These partners inclued the National Parks' review. The Grand Bay Matonal Estuarine Research Reverve, the Pascagauia River Audubon Center, the Ocean Spring; Chamber of Commerce, the Mary C. OK [®] /Tekefe Cultural Center and the Waller Anderson Nuseumo Art. Partnering with these organizations provides additional housing markets and professional program growth opportunities. The Construction project proposed will at accommodations for 80. The GCRL ding Relinity is equivalently taed. Maximum capacity has been reached on a number of occasions in 2013. Espansion of the NEC program will require an expanded ability to feed participants commensurate with the expanded lodging capability on the Hastend Campus. Location (Dty, Courty): Ocean Springs, Jackon, GCRL Halstead Campus Infrastructure cost, maintenance (Sort (I) yeas); GCRL manages its lodging on a cost recovery basis. Day rates cover custodial, Annual Operation & Maintenance Cost (I) yeas); GCRL manages its lodging on a cost recovery basis. Day rates cover custodial, Mover, wider, sever, maintenance (Day Reve, and Medding/Tenniure replacement. No additional financial resources will be													
			Education Center	support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and retreat programs for small science professional and academic groups. Additionally, servel of the MECR [®] 's educational partners have indicated a similar need for appropriate housing compatible with their program audiences. These and the Mational Partners have indicated a similar need for appropriate housing contrastic with their program audiences. These advects the Ocean Springs Chamber of Commerce, the Mary C O& [®] Creede Cultural Center and the Waler Anderson Museum of the Strath effect with these organizations provides additional basing markets and professional program growth opportunities. The Construction project proposed will at accommendations for 80. The GCRL dining Edity is equivalently tased. Maximum capacity has been reached on a number of occasions in 2013. Expansion of the MECP program will require an expanded ability to feed participants commensurate with the expanded lodging location (CHL, Chengh) Comps (Single, Lackon, GCRL Hakted Campus Infrastructure cost (Ir yeas): 53.45 million Annual Operation & Maintenance Cost (Ir yeas): GCRL marages its lodging on a cost recovery basis. Day rates cover custodial, power, water, ewer, maintenance/pubeep, and bedding/furniture replacement. No additional financial resources will be required to support the expanded lodging capacity.													
			Education Center	support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and reterat programs for simal iscince professional and academic groups. Additionally, several of the MECRE*s educational partners have indicated a similar need for appropriate housing compatible with their program audiences. These partners inclued the National Parks retwork. The Grand Bay Matonal Estuarine Research Reserve, the Pascagauia River Audubon Center, the Ocean Spring: Chamber of Commerce, the Mary C. OKE*Reeft Cultural Center and the Waller Anderson Nuscumo Art. Partnering with these organizations provides additional bousing markets and professional program growth opportunities. The GCRL dining facility is equivalently taed. Maximum capacity has been reached on a number of occasions in 2013. Expansion of the MEC program will require an expanded ability to feed participants commensurate with the expanded lodging capability on the Hattead Campus. Location (Otty, Courty): Coents Springs, Jackson, GCRL Hattead Campus Infrastructure cost, maintenance Cost (If years): GCRL manages its lodging on a cost recovery basis. Day rates cover custodul, Annual Operation & Maintenance Cost (If years): GCRL manages its lodging on a cost recovery basis. Day rates cover custodul meruparted to support the expanded lodging capacity. How will this is even maintenance (DRE priority areas or non-RESTORE funds): CGRL expects that lodging will provide a													
			Education Center	support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and retreat programs for small science professional and academic groups. Additionally, servel of the MECR [®] 's educational partners have indicated a similar need for appropriate housing compatible with their program audiences. These and the Mattan Park Server, The Grand Bay Matonia Estuarine Research Reserve, the Pascagouia River Adubton Center, the Ocean Springs Chamber of Commerce, the Mary C D&®*Reseft Cultural Center and the Waler Anderson Museum on Art. Partnering with these organizations provides additional housing markets and professional program growth opportunities. The Construction project proposed will at accommosations for 80. The GCR, dining EdIV is equivalently tased. Maximum capacity has been reached on a number of occasions in 2013. Capability on the Hafesson Campus. Location (CHY, Constructions, Lackon, GCR). Hakted Campus Infrastructure cost (Ir yeas): 53.45 million Annual Operation & Maintenance Cost (Ir yeas): GCRL manages its lodging on a cost recovery basis. Day rates cover custodial, power, water, sever, maintenance/pubeep, and bedding/furniture replacement. Na additional financial resources will be envirole to the approaded lodging capacity. How will this loverage with holer RESTORE profits y areas on on-RESTORE funds?: CCRL expects that lodging will provide a where to the restructed lodging capacity.													
			Loucation Center	support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and reterat programs for simal iscince professional and academic groups. Additionally, several of the MECRE*s educational partners have indicated a similar need for appropriate housing compatible with their program audiences. These partners inclued the National Parks retwork. The Grand Bay Matonal Estuarine Research Reserve, the Pascagauia River Audubon Center, the Ocean Spring: Chamber of Commerce, the Mary C. OKE*Reeft Cultural Center and the Waller Anderson Nuscumo Art. Partnering with these organizations provides additional bousing markets and professional program growth opportunities. The GCRL dining facility is equivalently taed. Maximum capacity has been reached on a number of occasions in 2013. Expansion of the MEC program will require an expanded ability to feed participants commensurate with the expanded lodging capability on the Hattead Campus. Location (Otty, Courty): Coents Springs, Jackson, GCRL Hattead Campus Infrastructure cost, maintenance Cost (If years): GCRL manages its lodging on a cost recovery basis. Day rates cover custodul, Annual Operation & Maintenance Cost (If years): GCRL manages its lodging on a cost recovery basis. Day rates cover custodul meruparted to support the expanded lodging capacity. How will this is even maintenance (DRE priority areas or non-RESTORE funds): CGRL expects that lodging will provide a													
			Laucation Lenter	support continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and reterat programs for simal iscince professional and academic groups. Additionally, several of the MECRE*s educational partners have indicated a similar need for appropriate housing compatible with their program audiences. These partners inclued the National Parks retwork. The Grand Bay Matonal Estuaire Research Reserve, the Pascagauia Rev Audubon Center, the Ocean Spring: Chamber of Commerce, the Mary C. OKE*Reeft Cultural Center and the Waller Anderson Museumo Art. Partnering with these organizations provides additional bousing markets and professional program growth opportunities. The GCRL ding field is equivalently taed. Maximum capacity has been reached on a number of occasions in 2013. Expansion of the MEC program will require an expanded ability to feed participants commensurate with the expanded lodging capability on the Hatsetad Campus. Location (Ottp. County): Coents Springs, Jackson, GCRL Hatstead Campus finafstructure costs (I years): 53.216 GCRL manages its lodging on a cost recover basis. Day rates cover custodial, Annual Operation & Maintenance Cost (II years): GCRL manages its lodging on a cost recover basis. Day rates cover custodial, hower, witer, seven, maintenance (Date (I years): GCRL and anges its lodging on a cost recover basis. Day rates cover custodial, how will this beerge with Other RETSCRE priority areas on non-RESTORE funds?: GCRL expects that lodging will provide a vehicle to dramatically expand (a) our Marke Education program, (b) the use of our facility to accommodate professional propa participating in retrests and think tark programs. and (c) expanded outcach partnerships with e_g. The National Pak Service, The Ginand Bay National Estuarine Research Reserve, and the Pacagouia River Audubon Center.													
			Laucidion Lenter	Isoport continued expansion of our summer field camps and teaching programs and will also provide additional capacity for conferencing and reterate programs for small science professional and academic groups. Additionally, servel of the MECR [®] 's educational partners have indicated a similar need for appropriate housing compatible with their program audiences. These and the Mational Park teaching. The Commerce, the Mary C. OK [®] Teace [®] Character and the Waler Anderson Museum of L. Partnering with these organizations provides additional braising markets and professional program growth opportunities. The Construction project proposed will at accommodations for 80. The CoRL dinneg facility is equivalently tased. Maximum capacity has been reached on a number of occasions in 2013. Expansion of the MEC program will require an expanded ability to feed participants commensurate with the expanded lodging coaction (CHC, comp) comps for project (wers). CoRL hashesed Campus infrastructure cost (# yess): 53.35% million Annual Operation & Maintenance Cork (# yess): 50.51% markets. The significant program size is lodging on a cost recovery basis. Day rates cover custodial, power, water, sever, maintenance/pokeep, and bedding/furniture regloxement. Na additional financial resources will be required to support the expanded lodging capacity. How will this leverage with other RESTORE priority areas on non-RESTORE funds?: CCRL expects that lodging will provide a prolecies of anticipantic participantic programs, and (c) expanded outraching here Auduband Bay Maton Examps provide to directive, and the Mater Market Cork and there factored bay and the site of refersional groups participating in retreats and think tank programs, and (c) expanded outrach partnerships with e.g., The National Park Service, The Campade Camps and the State Campus.													

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Research and Education	1842	5/14/2014	Marine ahrimg famming Industry for Mississippi	Over ninety percent of all shiming consumed in the United States is imported. Our current seafood deficit exceeds 5108 smulally. The Gourd of the Marine Shiming Parning Industry for Mississipp percent (MSHN) will be the demonstration and transfer of closed system, biosecure production technology for marine shiming to develop a marine shrimp forming industry in castal Mississippi. Closed, biosecure which applications systems undergo III the on water exchange, which prevents disease transfer, prevents pollution discharge, and allows for production of marine species at locations which are not adjacent to the cosen, thereby protecting sensitive costal land and creating unique economic opportunities. This technology has been in development for approximately 10 years at various research institutions, including the University of Southern Mississippi&Tes all Closes Research Laboratory (CRL). Through aligner research efforts the technology has reached a point where the private industry can adopt these techniques and put them to use. The goals of the program are, 1.30 demonstrate using a distalutionable marker shrimp gauculture. 1.30 demonstrates with regard to sustaliable marker shrimp gauculture. 3.30 prohode training and extension assistance to naividuals interested in undertaking the culture of marine shrimp profitably and sustaliable) to south Mississippi dates. 3.40 statisticable using the shrimp gauculture. 4.51 statisticable and registrice and the shrimp for the shrimp profitably and sustaliable to south Mississippi dates. 3.52 statisticable and registrice and the RESTORE priority areas or non-RESTORE fund? Development of a Marine Shrimp Farming Annual Operation & Maintenance Cost (4 years): 51 million per year (5 yrs) 1.50 will be leverage with other RESTORE priority areas or non-RESTORE fund? Development of a Marine Shrimp Farming already valiable and registrice only slight modifications. The methodology is well known and the experise for technology arealay valiable and registrice only slight modifications. The	Jackson	res	Yes	No	No	No	res	Yes	10	res	S	5.50	ş -	
Research and Education	1843	5/14/2014	Development of an Apacellurer to bal Industry for Mississippi	The provide research, development, and technology transfer to develop an aquiculture based balt industry for sourh Mississippi. Many recreational finamema verse servery effected by a combination of humzness extraina, the BP of split, and increased fuel costs. Not only have many for hire owners and operators tost their livelihoods, but so to have deck hands and the bat supposer. To help allevise these seafood related by bisses, we propose to develop of an aquiculture-based balt industry in south Mississippi. We will do this through a three-stage approach, 1) research and development, [2] technology transfer through testing, and [2] onscience groups can be unplemented immediately, Gulf white shring, blue chab, and croaked all need some technology development. Four species are targeted, each at adfreem point in the technical development. Bull minnous are the furthest along and stages 2 and 3 can be implemented immediately. Gulf white shring, blue chab, and croaked all need some technology development. Public here, and bat shring, nach and corakes at the Costran Marine Aquaculture Center at the Gulf Cast. Research Lab. Training will include: 1) design and construction of demonstration systems for components. (Nov to bull a system), 2) importance of appropriate filtration and andimentary underation log development anticipation process, 3) water quality parameters and how to measure them, d) AGeneed to know&Elticks about the biology of the species being clurked, and 5) trouble-short (Bit system). Certificates of Completion will be awarded to program participants that complete the training course(1). In addition to the certificates awarded, a dedicated technical support person will work with interest individuals to the phem modify and upgede their fusite. Lacation (City, County): Headyourtered at GCLL in Clean Springs (Lackson County). Inflastructure cost (4 yeas); 31 million (2 yes) Annual Operation & Aminemance COSt (4 yeas); 31 million (5 ys) How will his leverage with other. #STORE priority areas	Jackson	Yes	Yes	No	No	Yes	No	Yes	50	Yes	S	2.00	S -	
Research and Education	1844	5/22/2014	Gaif of Mexico Marine Sock Enhancement and Restoration Consortium	Infer description of activities. We will develop a multi-state consortium to address scientific, harchery-based restoration and enhancement of economically important manne finish species potentially important by ecosystem degradation including the Deep Water Horizon of I sall. Using a structure template developed through previous grant from NDAA and the Mississipi Department of Matine Resources, we will mobilize patternsite for whether, state management agencies, and protee enterprise strate for production of self-template developed through previous grant from NDAA and the Mississipi and proteents, state management agencies, and protee enterprise strate for production of self-template developed through grantward Matine Resources, we will mobilize patternsite of Matine Resources, we and implement strategies for achieving science-based resoration and mitigation. Disciplines ranging from reproductive biology, genetics, lanal rearring, nutrition, and health management to costal and fitheries recology and economics will be represented at GAEL in Docean Springs (Jackson Country) with participants in all five Gulf states funded ther by their respective states or from Federal RESTORE funds. Inflammation of the seg gals. Uncation (Clyn, Country): Headquartered at GCRL in Docean Springs (Jackson Country) with participants in all five Gulf states funded ther by their respective states or from Federal RESTORE funds. The component program in each individual state will be Gulf weats; 32 numilion over 5 yrs in component graphing BESTORE funds. The component graphing in each individual state will be Gulf weats; 12 numilion over 5 yrs in the related by Massing BESTORE funds. The component graphing and comments and the Strate Strate for the RESTORE funds. The component graphing in each individual state will be Gulf weats; 22 number strates for RESTORE funds. The component graphic strates for the long term by using the strate strates for RESTORE funds. The component graphic strate for the long term by using the strate data data	Jackson	Yes	Yes	No	No	No	Yes	Yes	40	Yes	\$	30,000,000.00	5 -	
Research and Education	1865	6/9/2014	Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Bird Estuary and Nature Trail	By accessing an elevated backhalk the estuary becomes a living laboratory, information rations educate and monitor bird populations, nest areas and health of various wetland plants and ultimately water quality. It conclusion this project stimulate public interest and support as well as education and participation in recreation information, seafood participation and water quality.	Hancock	Yes	Yes	No	Yes	Yes	Yes	Yes	80	Yes	\$	5,720,500.00	\$ -	
Research and Education	1866	6/9/2014	Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Marine Education and Recreation Restoration	This project consist of a marine education center, a 9 mile kayak route and a 1 mile hiking and biking trail that will provide marine education and restore nature recreation. Identifies cypress, tupelo gum, fresh water, backish water, saline marsh, environment through education, information and monotironi stations at strategic locations along the Pinle route. In conclusion this project stimulates public interest and support as well as education and participation in recreation information, sealood participation and water quality.	Hancock	Yes	Yes	No	Yes	Yes	Yes	Yes	40	Yes	\$	1,370,500.00	\$ -	

F	Research and Education	1867	6/9/2014	Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project	Stream restoration, sedimentation control, ditch bank restoration, haltal restoration, natural resource and monitoring conservation and recovery are the components of this project a byproduct that makes beneficial use of trapped sediment also allows public access. By accessing an elevated boardwalk the estuary becomes a living laboratory, information stations educate and monitor bird populations, next areas and health of various wetland plans and ultimately water quality. By hardening the Bay of Saint Louis with oyster and clams water quality is improved, sea grasses will be reintroduced and ersions as seen in siles 4 and 5 should be reduced or eliminated and monitoring stations should show anticipated accretion.	Hancock	Yes	Yes	No	Yes	Yes	Yes	Yes	80	Yes		\$ 9,519,500.00	ş -	
					This project consist of multiple activities that stimulate public interest and support as well as education and participation in recreation restoration, sealood production and water quality.														
	Research and	1870	6/11/201/	Billboards informing of	In conclusion, the project restores streams and drainage to its original state with the addition of sediment traps which makes beneficial use of urbanized run off. The project also has build in monitoring stations that benefit growth and the City supports and embraces this project. Most people don't read. They think that lovely strange tree that turns such beautiful colors in the fall is some blessing they	Harrison	Ves	No	No	No	No	No	No		No		\$ 800.000.00	\$.	
Ē	Education			invasives	have received. Billboards with pictures of tailow trees and cogon grass would FORCE those who don't read to reccognize the invasives.	Jackson, Hancock		NO											
E	Research and	1876	8/1/2014	The Economic Impact of Alternative Numeric Nutrient Criteria on Mississippi Communities	**roject Partner - Mississippi Farm Bureau Federation* Research Goal The overall goal of this research to better understand how Alternative Numeric Nutrient Criteria (NNC) can impact Mississippi (MS) communities with endour equilibrium and the endour equilibrium endour equilibrium and the endour equilibrium endour equilibrium endour equilibrium equilibrium and the endour equilibrium en	All MS Counties	Yes		Yes		\$ 739,478.00	5 -							
Ē	Research and	2067		Addreams Marine Debris to Expedite Recovery along the Gulf Coast	The significant and long-term negative impacts along the Gulf Cast resulting from the Deepwater Hotizon of lapil will result as taket or estanciation projects. In addition to physical marks instantion and other activities for settices Gulf region will significantly benefit from a targeted, sustained outreach and education campaign to improve the health of impacted services. This you of restoration project, conducted as part of MDA in the part, will rescher, future, will will be the services and the service of the service of the service of the service of the service and the service -both marker marmals and sea turities - and their habitats through the reduction of existing marker debris as well as the prevention of future introduction of havan's, by preventiant future situations, the service and shoreline habitats through reliance that the region of preventiable future situations have regioned and education company that will result in basing charges after the project to complete. Netrotex at the NDAA future Regionse Center in Mobile AL, and coordinated as NDAA partnership project with the NDAA Marker Debris Program as lead coordinator, this project will engage all the states, maintain and improve partnerships with state and local organizations, and strengthen public engagement across the Gulf. This project tis specifically targeted to involve and education and renoval. The project will all project will engage and the states, maintain and improve partnerships with states enducing constants dates removes the habitat recording the states, maintain and improve partices local and local cognizations, and strengthen public engagement across the Gulf. This project tis specifically targeted to involve and elucation Gulf Cast communities how marine successfully demonstrated in previous projects in the Gulf of Mexico, Sea Grant extension agents have a unique capacity to demonstrates across for debris removal that will have the most impact to improve the ecological hastin of the Gulf. Resi- regranta asstrumy i	Gulf of Mexico	Yes	No	No	No	No	Yes	No		No	Yes	\$ 10,000,000.00	Ş -	
	Research and Education	2073	7/8/2014	Small and Medium Business Entrepreneurship Training	Gulf Coast Business Partners will conduct 12 weeks of basic business training to small business along the MS Gulf Coast. The training will equip the small business person with the basic needs to sustain and grow their business. In addition to training participants will be matched with mentors.	Hancock, Harrison, Jackson	Yes	No	Yes	No	Yes	No	No		Yes		\$ -	ş -	
					Gulf Coast Business Partners believes that strong partnership will encourage four strategic activities. Training, Mentoring, Advocaxy and Access to Capitalin order to waik alongside small and medium enterprise owners. Overemphasizing one activity or neglecting another makes for an unbalanced approach to sustaining and growth of business development.														
F	Research and Education	2074	7/14/2014	Oyster Reef Structural Complexity	Summary attached.	Hancock, Harrison	Yes	Yes	Yes	Yes	No	Yes	No		Yes		\$ 438,035.00	\$ -	
F	Education Research and Education	2104	4/1/2015	Compexitor Conservation Demonstration Working Farm	Tanks to numerous conservation innovation practices, as stewards of the land we are doing a much better job than in the past. As urban spraw and demands for our natural resources continues to increase, we need a forum to demonstrate these new conservation advances to the public. A working demonstration farm would not only benefit consumes of natural resources but status to the public sector of the public sector of the public of the services of the public of the services of the services of the public of the services of the services of the public of the services of the ser	Harrison Harrison, Hancock, Jackson	Yes	No	Yes	Yes	Yes	Yes	Yes		Yes		\$ 5,000,000.00	ş -	

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Resear Educati		9/18/20	14 Park Restoration and Expansion initiative	Currently Pat Harrison Waterway district own and operates eight parks. These parks provide camping, cabins, and recreational calities for both locals and tworts to engy. As part of the Parsaguuk Teker Bains Enhancement Program a renewed focus will be taken on maintenance and restoration of these parks to enhance recreational opportunities for the community. The goal of the park restoration and expansion initiative is to reach out to the local communities and chicg groups to identify restoration needs of the parks as well as looking into the expansion of existing facilities based on attendance and local interpretive stations, the existing parks can be improved to increase tourism and improve quality of life for the community to identify reads and order and expansion initiative, store the uncertainty interpretive stations, the existing parks can be improved to increase tourism and improve quality of life for the community to identify needs and concerns ensures the interpretive emprovements are statisfied. Event programming and outreach to increase tourism will be initiated in parallel with restoration efforts as well as updating the multi-media facilitation of park information.	Stone, Jackson, Pearl River, Perry, Harrison, George	Yes	No	No	Yes	No	Yes	Yes	Yes	ş -	Ş -	
Research	on		14 Pascagoula River Basin Enhancement Pogram- Pascagoula River Water Trail	The Pacagouli River Basin Enhancement Program has the opportunity to capitalize on the vast ecological resurses that the Pacagoulis River Ovids. The Pacacoulis River Water Tarl Project estabilishes the mational designation of this water system in the National Water Trails System. This identification serves to bring estisting and newly identified water trails tagether instabilities of pacetaria and restoring Americal ⁴⁷ 's Rivers, shorelines, and waterways and conserve natural areas along waterways. Also serves to increase access to outdoor recreation on shorelines and waterways, and conserve natural areas along waterways. Also serves to increase access to outdoor recreation on shorelines and waterways, and conserve natural areas along waterways. Also serves to increase access to outdoor recreation on shorelines and waterways, and conserve natural areas along waterways. Also serves to increase access to outdoor, and Pacagoulis River Maxim Tark Serves Tark Serves Tark Serves Tark Serves based of recreation on shorelines and waterways. Using the established major tributaries to the Pascagoula, the Pascagoula Water Trail seeks to unite the Pat Harrison Waterway District with a cohesive gail of recreational access and restoration of the riverine systems. The first phase would establish the east, Chickasawhay, and Pascagoula River as water trails. The second phase would expand to include other tributaries in areas that community outrack hand support is strong. Part of the development of the water trail is downlow that all activations along the trail. Thesis trail-heads will be existing rad/ways will be built as well as improvements to level the side side strategic locations along the trail. Thesis trail-heads will aread rad/ways will be built as well as improvements to existing infrastructure. The goal of the water trail is to increase the quality of life in adjacent communities, increase the ecolarity and phase for teadows will be built as well as improvements to existing infrastructure. The goal o	Jackson, Stone	Yes	No	No	Yes	No	Yes	Yes	Yes	\$ -	Ş -	
Resear		9/22/24	14 Pascagoula River Basin Enhancement Program- Pascagoula River Basin Forest Preserves Program	Of the counties within the Pat Harrison Waterway district, an average of seventy-nine percent of the ground coverage is forestatud. In order to pressive and maintain both pine and hardwood in the region, the Pracagoual Nierel Basin Forest Preserves Program will restore pine and hardwood and provide technical and on-the-ground restoration assistance to family forest. Indowners interstetial in managing or restoring the pine and hardwood in the right, The program will identify, protect, and manage forest habitat, recognizing that the abundance and productivity of the Pascagoual Niere Basin ecosystem is a product of the quantity and quality of the forest habitat. The south and central parts of Mississippi continue for face threads from the southerin pine bediet on the forest's industry. As part of this program the movement and outbreaks of destructive species like the southern pine bediet will be monitored and evaluated for conservation initiatives. The goal of the Pascagoula River Basin Forest Preserves Program is the integrate landowner outbreach with prescribed conservation to monitor, maintain, and restore the forest within the Pat Harrison Waterway District.	Stone, Jackson, Forrest, Perry, Harrison, George	Yes	No	No	No	No	Yes	No	Yes	ş -	Ş -	
Researc Educati		9/22/20	14 Pascagoula River Basin Enhancement Program- Pascagoula Biver Riparian Buffer Maintenance Plan	This program will seek to identify, monitor, and maintain riparian buffers along the Pascagoula River and its tributaries. Also provide outreach and technical assistance to accelerate firsi-time enrollment of new riparino huffer though the conservation reserve enhancement program. Riparian buffers act to partially protect streams from the impact of adjacent land uses. Buffers increase water quality in associated streams as sediment is intercepted, serve to provide habitat, and reduce bank erosion by providing bank stabilization. The Pascagoula River Basin drains much of Southeast Mississippi into Pascagoula Bay. This management program is being undertaken to ensure that past and future development does not diminish the quality of water entering Pascagoula Bay from the uptream river basin. This river basin faces excessive erosion and adelimentation, storm-water runoff from new development an impact the riverine morphology. With planning and monotring rigrafara buffers will help control fannel instability. New faculting, mass dumping, and wetland degradation. Riparian buffers that exist currently and proper planning of new buffers will help miligate future loss in water quality.	Stone, Jackson, Forrest, Perry, George t	Yes	No	No	No	No	Yes	No	No	\$ -	Ş -	
Researc Educati		9/22/20	14 Pascagoula River Bain Enhancement Program- Pascagoula Nevr Species Stewardship Program	This program will seek to establish a monitoring and planning program that will increase and maintain the historia of species native to the frazioguali Revir and Ist instructives is monitoring and planning program that will increase and maintain the historia on carving out standard monitoring activities; implement best management practices to secure sensitive habitats and reduce human use and invasive species thrasts; and educate diverse audiences to increase understanding of the needs and value the Paracagoul ecosystem. Several species native to the Paracagoula River Basin include the Gulf sturgeon and the striped bass that migrate to the river to spann. Also found in this waterhade and the Parad (andre saulow tailed taik. Mississips) sandhill crease, and the yellow-blotche map tortic. All of these and any other identified threatened and endangered species will be included in this stewardship program. The goal of the Paracagoula River Species Stewardship Program is to restore and protect Paracagoula River species populations, reduce identified stressors and disturbances, and restore habitat to allow higher rates of survival.	Stone, Jackson, Forret, Perry, George	Yes	No	No	Yes	No	Yes	No	Yes	\$ -	Ş -	

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earch and	2122	9/23/201	4 Pascapul River Tain Inhancement Program- Sormwater Management Initiative	Sormwater Management Initiative: Pollution and Prevention Plan This plan is intended to devolep a management programs for current stormwater rehabilitation and future construction within the Pat Harrison Waterway Storict. The Pascagola Water and Its tributaries feed a watershed that covers most of outbeast Missingip. The groundwater and surface water that feeds the riverine systems flow into Pascagouia Bay and ultimately the Guil of Mexico. In order to best conserve and maintain the health of those who depend on this riverine system; proper stormwater and run-off monitoring is vital. The Stormwater Management Initiative will focus on the streams and urban areas that flow directly into the Pascagouia and its ripotations. The program will seek to restore streams that are highly attered including green corridore emaining their ability to handle stormwater runoff, erosion, and sedimentation. Also, runoff will be monitored for water quality to ensure proper best to facet by engage local communities to be importance of best management practices as well as promote proper construction and design of thure stormwater stares. That are local of the Stormwater Management Initiative lis to directly engage local communities to be importance of best management practices as well as promote proper construction and design of thure stormwater stores. as approach thus use as hardin systems to paper, cleanse and restores tormwater also the dangepauch that minis: the predevolupment hydrology instead of converging and thrasting stormwater at only the end that dangepauch that functions as approach to use as hardin systems to paper, cleanse and restores tormwater available toromwater flow path through combined applications of design practices. The objective for the environmental situ designs to regulate forst on mature hydrology insteaded of converging and pathetish per-planning for future stormwater infrastructure can help properly conserve and maintain riverine systems. The Stormwater Management Initiative will focus		Yes	No	No	No	No	Yes	Yes	Yes	\$ -	S -		
earch and cration	2123	9/23/201	4 Pascagoula River Basin Enhancement Program- Waterfront Development Program	Pacagoula River Basin Waterfront Development Program This pin is intended to develop a maragement program for future waterfront development within the Pat Harrison Waterway Discrite A waterfront can be the most deviable location for future waterfront development within the Pat Harrison Waterway Discrite A waterfront can be the most deviable location for future waterfront development within the Pat Harrison Waterway Discrite A waterfront can be the most common and potential to ensure environmental sensitivity in an ecologically diverse region. The Pascagoula River Waterfront Development Program will establish a best practices and development method that will ensure the defined waterfront common and pot cardin are responsibly exhered in a way the mitigates environmental impact. Waterfront properties and recreational development can enhance the quality of life for communities. Greenways and riverwalks decome tourist host pots and can enliven a cityld ^{CC} seconomy. The Pascagoula River Basin Waterfront Development Program will mattain environmental focus while property monitoring future development along the refrine spitem. The development of educational boardwalks, famer sense, and generowy all a part of waterfront development programs will promote tourism, economic development, and expand recreational options.		Yes	No	No	Yes	No	Yes	Yes	Yes	\$ -	Ş -		
earch and ication	2124	9/23/201	Pacagoula River Basin Enhancement Program- Davagement Model Alexagement Model Approach	The Parcagoula River Basin is Mississippide ^{mes} second largest river basin and is also the last unimpeded river system in the configuou United State. It is approximately 154 miles long, 84 miles welds, and includes more than 1500 miles of rivers and Creak. The Basin eventually drains into the Mississippi Sourd(Gui of Mixota e Parcagoula, Neissip). The Basin-Per- cervely the interventually drains into the Mississippi Sourd(Gui of Mixota e Parcagoula, Neissip). The Basin-Per- ecosystem is nationally recognized for its abundant wildlife, biological diversity, and rich cultural and historical heritage. It is an unliquited andianal treasure. As a prime tributation of the water guality and biological health of the Parcagoula Basis contributes specifically its land water bodies and quality of the cult, Polowing the PD Oligi and the subsequent impacts to call waters, biota, and fauna, rumerous initiatives have been proposed (and some initiated) to improve the ecosystem of the culf, specifically its limit water being, and habits. To this and recells the analy constitute and any approximation exercises tratutory oversignets, also any minor contributing terms and creds. The approximation, total watershad approach to water resources management throughout the Parcagoula Basin, including the major contributors the Parcagoula, Basin, and management of the water of early and and creds. The approach would facilitate cableorative relationships with other parties (local, state, and federal, as well as non-governmental organizations) with almad interests in the use, quality areas as the foundation for all state studies and acreds. The approach would facilitate cableorative relationships with other parties (local, state, and federal, as well as non-governmental organizations) with almad land base model of the Basin. This and management tho data the core of such a total watershed approach is a comprehensive, digital made base model of the Basin. This and and core of such and core model of wells are core total made as	Stone, Jackson, Pearl River, Forrest, Perry, George	Yes	No	No	No	No	Yes	Yes	Yes	\$ -	5 -		
earch and Joation	2126	9/23/201	4 Pascagoula River Basin Enhancement Program- Dam Safety Best Management Initiative	The Pacagoola River Basin Dam Safety Best Management Initiative The Pacagoola River is the largest by volume unimpedied river in the contiguous United States. However, there are several dates that were set in pace to create reservoirs that help control flooding in the region along tributaries and streams that feed into the Pacagoola River. These dams are largely managed by the Pat Harrison Waterway District but several are managed by private landowners. The Pacagoola River Basin Character Route Route and the several area managed by private landowners. The place. Through best management practices and coordination with private landowners, there are several management authorities to facilitate the development of plans that are comprehensive and consistent. As part of the comprehensive planning in the region, a second phase including analysis of dams considered at risk or demostrating structural declencies will be completed to further mitigate dam failure threats.	Stone, Mobile, Jackson, Pearl River, Forrest, Perry, George	Yes	No	No	No	No	Yes	Yes	Yes	\$ -	Ş -		

Research and Education	2134		I-110 Corridor Restoration & Enhancement	The City of Biloxi proposes to implement its 1980s master plan for utilizing the corridor of public land located under Interstate 110, which runs north-south from the Back Bay of Biloxi to the Mississippi Sound. The original master plan, developed with	Harrison	Yes	No	No	Yes	No	Yes Y	Yes	20 Yes	storm wa	\$ 6,000,000.00	\$ -	
				considerable (titten input, is being updated to include storm water management improvements and acquisition/restoration of a wetlands area adjacent to the i-110 Corridor, north of Division Street.													
				Som water management improvements will include instalaution of som's and the control to liner inspired source potuation from the interstate's storm water that drains unchecked from the elevated coadwy. The BMP's will have an elevational component, identifying their function in improving water quality through all-weather signage located along the walking paths that currently exist (and which are to be enhanced with additional lighting and drainage).													
				Public safety and recreational amenity improvements will expand use of this area by residents and tourists. The south end of the corridor is located immediately west of the minor league baseball stadium being built and the Beau Rwage Casino Resort. The north end incudes an under-utilized boat ramp, basebatall and tennics ourus, all of which are in need of improvements and													
				lighting. Acquisition and restoration of the wetlands area north of Division Street will include removal of invasive, nonnative plant													
				species as well as accumulated debris. Sediment will removed and appropriate wetlands plant species will be installed to restore the natural functions of the wetlands area that is tidally-influenced by the Back Bay of Blook. The master plan will be scamed and upladed as an attachment to this project proposal.													
Research and Education	2135	10/1/2014	Biloxi Peninsula Shoreline Stabilization and Public Access Improvements	The City of Bload proposes to implement a variety of shoreline stabilization mesures along the Bload Peninsula in areas owned and/or manage by the City to control cosion, adapt to save-level rise and improve public safety and access. Shoreline improvements will include stomwater management BMPs accompaned by all-weather educational signage to identify short- and long term public benefits of a properly-imanaged waterfront.	Harrison	Yes	No	No	Yes	No	Yes Y	Yes	30 Yes	stormwat	\$ 15,000,000.00	\$-	
				Improvements will include removal of nonnative, invasive plants species; installation of appropriate native plant species to support shoreline stabilization and restoration of shoreline habitats; removal of concrete, riprap, abandoned/obsolete													
				Infrastructure and mixediancous debris, and stomwater management improvements to improve water quality. Public safety and access improvements will include provision of lighted. Alco-compliant boardwids, where appropriate, designed for stom resistance and to be constructed with a variety of materials as dictated by the terrain and proposed use. Some of these public access areas will include short finding patient/size interfacing upon adjacent and and water uses and subject to federal and													
				ease permit approvals. Some of the public access areas side will include boar ramps for launching motorized and/or nonmotorized (kayaks, cances) boats along with supportive parking areas.													
Research and Education	2138	10/4/2014	Mississippi Gulf Coast Litte Control	This project would provide for a permanent effort to control litter in the three coastal counties and the near shore environments for the purposes of ecosystem restoration AND increased tourism. Permanent staff would be hired to work with	Hancock, Harrison,	Yes	No	No	Yes	No	Yes P	No	Yes		\$ -	\$ -	
				cities, counties, law enforcement, private business and community groups to identify and implement a range of litter reduction strategies including: on going public information campaign, increased enforcement of litter laws, and improvement of laws and regulations if needed.	Jackson												
				All of our roadways, waterways, and drainage areas have plastic items, cigarette butts, fast food wrappers, drinks cans scattered along them. These items leach dangerous chemicals, harm wildlife and pollute our waterways. They create an unfavorable impression for visitors.													
Research and Education	2141	10/8/2014	Gulf of Mexico Alliance Restoration Coordination	The proposed project provides programmatic support for the Gulf of Mexico Alliance&T*s Collaborative partnership to coordinate restoration-related activities among the various garends, organizations, resource amages, scientists, consultants, and industry experts in the region. The Gulf of Mexico Alliance proposes to conduct the coordination through its priority issue teams that are well-stabilished and in direct alignment with the goals of the Gulf Coast Ecosystem Restoration Council&T*s Comprehensive Plan.	Gulf of Mexico	Yes	Yes	No	Yes	No	Yes M	No	Yes		\$ 2,337,500.00	\$ -	
				Contribution provided by the Guilf of Mexico Alliance provides the initial core steps in addressing a concern that restoration projects and programs conducted in the Guilf are not being coordinated to maximum efficiency. While Council-heeval atchites are highly coordinated by the RSTORC Council, the Guilf of Mexico Alliance provides the venue for on-the-ground resource managers, scientists, consultants, and industry experts to communicate and collaborate on a regular basis regarding the activities that are being conducted by many regional partners.													
				Deliverables include reports identifying the following: On-going list of projects being implemented either as a result of DWH-funded settlements or other non-DWH project efforts (an online feature could be added as asproprinte); #rojects that may have overlap and dupicity with recommendations for solutions to leverage resources; and #ejonal initiatives that may impact or inform recordance													
				Through the priority issue teams and the larger partner network as a whole, agencies and organizations involved in restoration activities will be better informed and able to make project implementation decisions with the maximum available information regarding on-going efforts in the region. As a result, priorities can be aligned, activities can be planned with minimal duplication, and leveraging opportunities can be identified.													
Research and	2143	10/8/2014	Watershed Assessment	The overall budget request is \$467,500 per year for five years or \$2,337,500 total. This project will utilize the resources described below to construct, maintain, and utilize a watershed assessment tool for coastal	Hancock.	Yes	No	No	Yes	No	Yes M	No	No		\$ 3,200,000,00	s -	
Education			Tool for Coastal Restoration	restoration. This tool will allow interactions with resource managers such as the Mississippi State Department of Environmental Quality and the Mississippi Department of Marine Science to assess both project and cumulative impacts of restoration activities. This tool will be calibrated and verified with scientific field and laboratory investigations and in conjunction with	Stone, St. Tammany , Mobile, Jackson	r											
				ongoing monitoring conducted by the Mississippi Department of Environmental Quality and the Mississippi Department of Marine Resources. Improved water quality is essential to restoration of coastal habitats and is among the highest priorities identified by Mississippi talke holders. An ability to assess waterside process that contribute to degraded water quality is an enersity to identify	Pearl												
				activities within the watershed that can lead to improvements. Watershed management activities such as stream restoration, best management practices in agricultural areas, and low impact development practices in urban areas are all techniques to improve water quality. Consequentially, monitoring and modeling of frestwater inflows into the Mississippi coastal systems is a stress of the str	Perry, Orleans, Harrison,												
				required to assess the sustainability of ongoing and planned restoration. Researchers at Mississippi State University (MSU) are well experienced with the Watershed Modeling System that contains watershed and water quality models and Geographic Information Systems that are used in detailed watershed assessments.	George, Washingt on												
				MSU has also conducted water quality modeling in Saint Louis Bay, numerous studies of coastal habitats such as beach ension, stream restoration, and bank/shereine stabilization. Additionally, MSU has acquired a complete hyperspectral data as for Grand Bay National Estuarine Research Reserve for habitat delineation and quality assessment. MSU will also have a complete etata base of high resolution topography using tight Detection and Ranging (LDRA) for the 6 counties of the guir Coast by spring that base of high resolution topography using tight Detection and Ranging the solution spring and the solution spring that the solution topography and the solution topography and the solution topography and the solution hopography using tight Detection and Ranging the solution hopography and the solution hopography using tight Detection and Ranging the solution hopography and the solution hopography an													
				of 2015. These data will provide hydrographic maps for use by state and county managers and baseline conditions for hydrologic modeling. Mississippi State University researchers have extensive experience in watershed management practices to improve water													
				quality. For example, wetlind construction and restoration to improve water quality and riparian stream restoration for both habita and water quality improvement are major components of applied research AMSU. The Watereld Assessment Tool will be calibrated and verified with field and laboratory studies and applied to restoration projects in the watershed to evaluate effectiveness.													
				encourses. Workshops will be conducted with state and local resource managers to ensure that ongoing and proposed projects are effectively evaluated for hydrologic assessment and potential for water quality improvement. Public outreach will be													

Research and Education	214	1/1/2019	5 Edible Forests of the MS Gulf Coast	This project will develop fruit orchards in every city and county in the three county of the MS Gulf Coast, Harrison, Hancock and Jackson counties. The Mississipii Urban Forest council will partner with our Tree City communities along the coast, local garden group and city groups to develop the extonais. Training will be provided to Citers and those involved in the development of the orchards. Deveraging for long term maintenance will be provided to Citerest Truit varieties for the area, soils and Cimate will be provided. Citerest Ci		Yes	No	Yes	Yes	Yes	Yes	No	Ye	5	\$ 450	000.00 \$	-	
Research and Education	1 215	10/24/2014	 Projecting the impacts of Restoration Activities in MS Coastal Waters 	Mississippi Sound (MS) and northern Mississippi Bight (MB) region through execution of a field effort consisting of research cruises and moorings that obtain measurements needed to inform a state of the art modeling approach. The observations will	arrison	Yes	Yes	No	Yes	No	Yes	Yes	15 Ye	5	\$ 1,100	200.00 \$	-	
Research and Education	1 215	10/27/2014	Establishment of an Alge- for-Aquaculture Center for Mississippi	If is this troject: Dic Gordon Cannon, Yore Presention USM. If the global population is rapidly increasing and is expected to surpsis anise billion by 2050. As the population continuus to grow, the ability for the world to faced test field like concentration of the substance of the transments factors and limitations on weiter, and, energy, and here'vall resources and processes are urgently needed to support the growing food demand. Table networks the transment of the growing food demands of processes are urgently needed to support the growing food demand. Table are amjor source of high-protein food, and the demand for fails is increasing world-owide at a rate approximately double and of population must continue to expand to bridge the growing gap between what the oceans can provide and what the world demands. High-protein food, and the demand for fails is increasing demaid for fails, aquaculture production must continue to expand to bridge the growing gap between what the oceans can provide and what the world demands. High-protein delts, and finamell, the primary source of protein fails, and protein delts, and frained, the primary source of protein fails, and protein delts, and finamell, the primary source of protein fails, and there worlds ⁴⁰ 's oceans. Theworlds ⁴⁰ the source of protein fails, and the demand for fails protein delts, and fails and decs not compete with therestial food production is urgently needed. Algee are a proming candidate for failmenial replacement (some species have protein levels in excess of 60%), and the State of Mississippins the climate approximately double contary source double (Source for failmenia Aguaculture species). Laboratory (CGRL) and a protein delta double contary double contary delta double and approximately double contary delta double and approximately double approximately adultation at the failer bornes and the sources necessary Laboratory (SOL). And and Laboratory (SOL) and the State of Mississippin his the climate aquaculture the sourc		I Yes	Ve		\$ 12,000	300.00 \$	-							
Research and Education	216	2 11/5/2014	E Enhancing Community Resiltence with Social Media	Social media constituties an important new form of communication-based social capital that can have profound effects for individuals, communities, and organizations, including their capacity to respond to emergency situations. Leveraging the orgonic research conducted by the Social Science Research Center (for the purpose of the grant awarded by Costal Science Research Center, ICAR). The constraint of the social mediation of the social media as a key communication system revised as call network "thruth" to improve community resilence in the Mississipie Galf Cest areas. The communication system would be an organic network of local governments, energency management agencies, businesses and individual/communities, who chose to participate in the network. The system will also leverage the models developed for C-SAP research by implementing matchine learning and goo-spatial analysis tools to monitor relevant social media leverage dor to C-SAP research by implementing matchine learning and goo-spatial analysis tools to monitor relevant social media bears good social terretion. The community relevant social media the social social media to the system to address concerns of the message during the occurrence of an adverse physical event. Usu has weather emergency. Administrate agencies, such as local governments, emergine management, and community relevant social media lever power individual community relevant social media cover age/dissemination. In addition to functioning as a public advisory mechanism during adverse events, the system can alo case a discussion of the system can alo cover age/dissemination. In addition to functioning as a apublic advisory mechanism during adverse events, the system can alo cover age/dissemination. In addition to functioning as a public advisory mechanism during adverse events, the system can alo cover age/dissemination. In addition to functioning as a apublic advisory mechanism during adverse events, the system can alo as an information covere age/dissemination. In addition to functio		Yes	No	Yes	Yes	No	No	Yes	5 NC		\$ 450	300.00 \$	-	

Research and Education																	
Education	3214	11/14/2014	St. Louis Bay and	The Deepwater Horizon oil spill caused direct and significant harm to Mississippi's St. Louis Bay and the Mississippi Sound.	Hancock,		Yes	No	Yes	No	Yes	Yes	20	Yes	\$ 14,968,000.00	ş -	
			Tributaries, MS Comprehensive	St. Louis Bay and its tributaries offer an ideal ecosystem for a water quality and quantity restoration program to demonstrate a comprehensive, integrated approach to holistic restoration which could be transferrable Gulf-wide. Water quality assessments	Stone,Pea	Э											
			Restoration Program:	and monitoring provide a foundation for programmatic, science-based decision-making to coordinate, expand and integrate	River.Forr	r											
1			Phase I	many ad hoc projects proposed by local stakeholders, or from various comprehensive plans. This effort will aggressively	est,Harris												
1				identify, engage and include local governmental, non-governmental and private stakeholders in a transparent process to	on												
1				identify, prioritize, permit and implement priority water quality and quantity projects while building new partnerships to													
/				leverage technical and financial resources during implementation and for long-term operation and maintenance.													
1				This second s													
1				This program proposes a new collaboration between Mississippi State University (MSU), the U.S. Department of Agriculture候 Natural Resources Conservation Service (NRCS), Jackson State University (JSU) and the Pickering Firm, Inc. (PFI) to address the													
/				Gulf Councils water quality and water resources goals and objectives. MSU and PFI have a longstanding Memorandum of													
1				Understanding which has been used repeatedly on complex projects that integrate research and implementation. The Gulf													
1				Council's five restoration goals are; 1) coastal, estuarine and marine habitats, 2) fresh, estuarine and marine water quality, 3)													
/				living coastal and marine resources, 4) enhance community resilience and 5) a restored and revitalized Gulf economy. Seven													
/				objectives support these goals; 1) restore, enhance and protect habitats, 2) restore, enhance and protect water resources, 3)													
/				protect and restore living coastal and marine resources, 4) restore and enhance natural processes and shorelines, 5) promote community resilience. 6) promote natural resource stewardship and environmental education. and 7) improve science-based													
1				decision-making. JSU, PFI, and NRCS provide MSU with the depth and breadth of technical and professional expertise to support													
/				this program.													
/																	
1				The program's geographic location and size encompassing the St. Louis Bay and tributaries was selected to meet the													
1				Council's four priority criteria. Specifically, this holistic approach is easily scalable to address all the Council's goals and													
1				objectives and transferable to be replicated throughout the Gulf region and;													
/				if%MVIII significantly and measurably contribute to restoring and protecting the Gulf Coast Region's natural resources, ecosystems, fisheries, marine and wildlife by concentrating and coordinating individual projects:													
				if%its large enough to substantially contribute to restoring and protecting the Gulf Coast ecosystem's natural resources,													
Research and	3730	11/17/2014	Inner-City Tidal Stream	Inner-City Tidal Stream Restoration	Hancock.	Yes	Yes	No	Yes	No	Yes	Yes		Yes	\$ 90.000.00	s .	
Education	5235	1,17,1314	Restoration		Harrison,										+ 50,000.00	ľ.	
				Scope	Jackson												
				Much of the tidal habitat along the Mississippi Gulf Coast is distributed in small waterways that flow through inner-city neighborhoods. A healthy inner-city tidal stream has four critical functions: nursery habitat for marine life; flood-way for tidal													
/				neighborhoods. A healthy inner-city tidal stream has four critical functions: nursery habitat for manne life; flood-way for tidal storms; discharge and treatment for storm water; and convenient public access to natural environments. Unfortunately, most													
1				of the inner-city tidal streams are seriously impaired, have been modified and degraded over time and are not providing the													
1				ecological services that these four functions support. Many of them have been reduced to drainage channels, thus only													
1				functioning to discharge storm water â€" and often not doing that well. Restoring inner-city tidal streams to provide all four of													
1				the critical functions not only creates important tidal marsh habitat, it improves storm water management and flood mitigation,													
/				and if done with good community involvement, it increases environmental stewardship. Successful inner-city restoration													
/				projects show that bringing nature into neighborhoods helps people see the value of protecting natural environments not only close to home but in larger, wilder places away from our cities.													
1				close to nome but in larger, wider places away from our clues.													
1				Partnership													
1																	
1				The proposal is submitted by the Gulf Coast Community Design Studio.													
1				The Gulf Coast Community Design Studio (GCCDS) was established on the Mississippi Gulf Coast in 2005 to work in communities													
1				impacted by Hurricane Katrina and has evolved from disaster recovery work to addressing long-term issues of affordable													
1				housing, healthy communities and resilient landscapes and infrastructure. The GCCDS is a research and professional service													
/				program of Mississippi State University College of Architecture, Art and Design. Located five hours from the main campus the													
1				GCCDS operates with a full-time staff of architects, landscape architects and planners and always works in close collaboration													
				with multiple non-profit, municipal and professional partners. The work of the GCCDS includes: 1) community-based housing													
				design, 2) storm water and tidal ecology, 3) flood resilient buildings and landscape, and 4) public-driven decision making. The GCCDS operates with around \$600,000 annual grant and contract income with national funding partners including HUD,													
Research and	4744	11/19/2014	National Center for	GCCDS operates with around \$600,000 annual grant and contract income with national running partners including HOD, Natural and man-made disasters are a part of this pation's landscape as evidenced dramatically on the Mississioni Gulf Coast	Horrison	Yes	No	No	No	Vor	No	Vor		Yes	\$ 20,000,000,00	c	
Education	4244	11/18/2014	Strategic Planning and	Natural and man-made disasters are a part of this national."'s landscape as evidenced dramatically on the Mississippi Guil Coast by Hurricane Katrina and the Deepwater Horizon Oil Spill. News of other disasters, contagious diseases and national security	Jackson.	10	NO	NO	NO	res	NO	105	/5	162	\$ 20,000,000.00	3	
			Emergency Response	threats is a daily occurrence. Strategic planning and preparedness is essential for the protection of life and property and quick	Hancock,												
			. ,,	response to and recovery from such events. To provide strategic planning and training services to communities, individuals,	Stone,												
				businesses and officials who plan and prepare for, take actions to protect against, respond to and oversee recovery from	George,												
				disasters and emergencies, Mississippi Gulf Coast Community College (MGCCC) proposes the 倜National Center for Strategic	Pearl												
				Planning and Emergency Response Training.å€21With a robust focus on strategic planning and community resilience, the goal of	River												
				this project is the planning, development and implementation of a comprehensive center that will provide strategic planning and training services to a local, regional and national audience.													
				wine commity services to a local, regional and national addictice.													
				Objective 1: Planning activities shall include the establishment of an advisory team consisting of local, regional and national													
				representatives, defining a specific mission and scope of work for the Center, identifying a physical location for the Center, and													
	1			researching best practices for Center operations. Objective 1 outcomes will be a well-qualified advisory team, a mission													
				statement and scope of work for the Center, a defined location for the Center and the identification of best practices for use in the denloyment of the Center													
				the deproyment of the center.													
				Objective 2: Development of the Center shall consist of physical, operational and programmatic activities. Activities will include													
				Objective 2: Development of the Center shall consist of physical, operational and programmatic activities. Activities will include securing and equipping a physical location, hiring Center personnel, development of strategic planning methodologies, training													
				securing and equipping a physical location, hiring Center personnel, development of strategic planning methodologies, training programs, a marketing plan and other activities as required to meet the outcome of establishing an operational, National Center													
				securing and equipping a physical location, hiring Center personnel, development of strategic planning methodologies, training													
				securing and equipping a physical location, hiring Center personnel, development of strategic planning methodologies, training programs, am-tetting plan and other schiltes as required to meet the outcome of establishing an operational, National Center for Strategic Planning and Emergency Response Training.													
				securing and equipping a physical location, hiring Center personnel, development of strategic planning methodologies, training programs, a marketing plan and other activities as required to meet the outcome of establishing an operational, National Center for Strategic Planning and Emergency Response Training.													
				securing and equipping a physical location, hiring Center personnel, development of strategic planning methodologies, training programs, am-tetting plan and other activities as required to meet the outcome of establishing an operational, National Center for Strategic Planning and Emergency Response Training. Objective 2: Implementation of the Center will focus on initiating the developed strategic planning process in the local coasta													
				securing and equipping a physical location, hiring Center personnel, development of strategic planning methodologies, training programs, a marketing plan and other activities as required to meet the outcome of establishing an operational, National Center for Strategic Planning and Emergency Response Training.	1												
				securing and equipping a physical location, hiring Center personnel, development of strategic planning methodologies, training mograms, amritesing plan and other activities as required to meet the outcome of establishing an operational, National Center for Strategic Planning and Emergency Response Training. Objective 3: Implementation of the Center will focus on initiating the developed strategic planning process in the local coastal community and expanding it to other communities nationwide and on offering the identified and developed training to communities, individuals, businesses and officials who are on involved in strategic planning and the perparation for, response to													

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Research and Education	4264	12/19/2014	Missisappi Aquarium	This project proposes a world-class aquarium to be built along U.S. Highway 00 in Gulfport, Musicispio on a total of approximately 18 acres of land overloading the redeveloped loose Park and small Cart Harbor. Deepending on Fatures, shows, and exhibits, it could be as ingre as 130,000 square feet, and cost in the neighborhood of 5120,000,000. This fatility will serve to life void left by the loss of the Marine Life Oceanniam and provide for a much needed family finding and education- oriented tourism facility for our Gulf Cast market. Utilitie many projects that seek left for full funding or have no stakeholder buy-in, this proposal has been in the works for some time, with the understanding by Gulfport city leaders that in seeking support, local commitment must be demonstrated to approved obligating 514 million of City funds toward the purchase of approximately 10 acres of land to be acquired for this approved obligating 514 million of City funds toward the purchase of approximately 10 acres of land to be acquired for this project site. When combined with the County Libary and CA properties, there will be roughly 13 acres for development as a campus for this project which has the potential to also include retail, restaurant, and lodging amentities. The appeal of this bacton is not only the senic overlook, but the edivation tecle is more desirable than at the wateries' sedge. It is inportant to network this a short on Clobicolary, the concomb benefits to Gulfport and the surrounding communities can be a pime changer through increased ta revenues and ble lease. The approxib tapeforming on diligners accustants are accusted for the staken an amethodical development represents. To that end, David times, former Construction Project. Manager and Eacubee Director of the coupling Auguitum the standows and collaguration, and tocks prices of market will bear. The appeal of this approxib to performing on adligners to countient of the stakes accustee dincret of the coupling Auguitum the adivent of countient	Harrison	765	No	No	Yes	Tes	NO	res	165			
Research and Education	4277	12/29/2014	Highway 603 Conidor	Water quality is a termendous factor in the growth of a community, impacting economic stability through tourism, property values, as well as access to recreation and locallyharvested food. Attroogh water quality in the Guif of Neticols as freected by many large water bodies, main scale importenents may have a positive effect to both the Guif and which the local community by providing access to natural spaces and improving sites for fishing and swimming as well as increasing community realinces. Highway 603 is a major corridor to the community with high traffic speeds, long foretages, and localey planned infrastructure. The low elevation to the readway and its proximity to multiple water crossing causes multiple environmental and community values, generating access to natural disploy of the provide state constraints flow density for the readway and its proximity to multiple water crossing causes multiple environmental and community realinese problems; poor water quality due to non-point source numft, pensitemt flowding, low density land use, and dittes that cocceys a large precentage of the fight-of-way redefing attenuits to majorization gaits construction impossible tractices water and the buday waterways: Breath Bayous, Bayou Acforia, Four Dollar Bayou, 2 Baway 600 Talls. The project will at early as were sampling program to determine correct bissues tunks server concerns and effluent overflow. Taks project will at early water sampling program to determine correct bissues tunks server concerns and the fluent correling radius and impervious surface runoff, provide access to water and the natural environment, and connect with atternative transportation pathways. Water equality monitoring will also be performed after improvements to measure the changes, as well as the number of days the road is flooded per year.	Hancock	Yes	Yes	No	Yes	No	Yes	Yes	Yes	5 570,000.00		
Research and Education	4278	12/29/2014	Restoring the Ditch	A party channelized dttd: supplies a læge amount of ruod'f mito the Neissispip Sound and cause persistent heach closues in wry popular backar ana. Although here is a low forsted are a adjacent to the drainage wyk. I povides limited ecological service for improving water quality. The geometry of the ditch is straph and direct, and it has steep iddes, contributing sediment form ecosison of the backs, and reducing the potential for setting and filtration during rain events. The extent of this min-watershed extends past Central Aleenee and the railroad tracks. Initially, the water quality (and quantity) will be monitored to determine the problem: is it animal wate, sewer issue, or other backtraia source's, the will work with the City of Bay SL Louis Public Works and REACH, a program of Missispip State University to set up a water simpling program. The proposed project will then address the specific problems identified. Actions may include: repair lift stations, enlarge drainage space, introduce setting areas for sediment, and replant tomwater drains to filter other undestrable contents, Water quality monitoring will alido be performed after improvements to measure the changes. The catfall is located in proximity of high bacterial source's to the UERAKSIGUT2, which is frequently listed is water. Consict Advisory is a result of high bacterial partogen indicator levels.	Hancock	Yes	Yes	No	Yes	No	Yes	Yes	Yes	\$ 350,000.00		
Research and Education	4279	12/29/2014	Vacation Lane Restoration	A low wetland area consisting of forested lots which lied to the Midsissipp Sound was damaged during Hurrcare Retrina. This area now provides limited accipital source for improving water quality and frequent bach closures. Current development pressure are low, but little has been done to reglant fragmented wetlands or remove impervious surfaces. Outfall is located in provinity to MBCR binacck County Sampling Station OB (EPAK595393) division forein stead aware Croatez Advisory as a result of probable high bacteria lavels. Because of the habitat damage, the wetland area and the lack of a healthy forest have decreased the protocitive aspects for community resilience of this site, for both increming and utogeting flows of water. The first step will be to monitor the water quality (and quantity), to determine the problem: is it animal waste, sever issues, or other bacteria sources? We will work with the CJp of Waveland Poblic Works, and EACI, a program of Mississippi State University, to set up a water sampling regram. The proposed project will take action to address specific problems identified through: regard if th stations, entirging dranage drains to filter undesirable contents. Water quality monitoring will be performed after improvements to measure changes.	Hancock	Yes	Yes	No	Yes	No	Yes	Yes	No	\$ 320,000.00		

Research and Education	4303		Project Management In Egyport of Me RESTORE and NFWF Projects	Just as an integrated ecosystem monitoring and modeling network is critical to understanding the interconnected Guiff ecosystem, it also critical to design, evening, and inglement this network as a Comprehensive Integrated Project. A detail Project Management Plan will be prepared from all the individual proposals. Project Management Principals and Procedurs are a ricelar wy to ensure that the execution of this science badde systems is successful and served the meeds of the resource management, regulatory and emergency response community Interinating reference to a decision makers). The project will follow a modified signi development approach, where each and leveloping organizations will be required to minimize unwanted duplication. Table 1 in the following attachment, provides the basis for the starting requirements for the observing system, and forms the project. Management Plan of all further actions. Requirements Transability Marki (RTMI) will be established and maintained throughout the design, development results, and implementation place of each spiral. A key component of the Project Management Plan will be defining how the large amount of data being collected will be managed, and what levels of government, universites, Rock, and induptements for the observing system, and whan agence, and shall levels of government, universites, Rock, and induptement and ecosystem making up the Guif O Mexicor opens. Managed, and what levels of government, universites, Rock, and industry mene involved in understanding the complex environment of the Guif. Becurses from the penalities from the a spalar being provides the RESTORE ACL do ther for the restantion of the coll consects devironments and ecosystem making up the Guif O Mexicor opens. These funding sources will direct how these data an enceded by decision makers. Deep Water Horizon once again highlighted the need for a better understanding of the environment and ecosystem making up the Guif O Mexicor opens do ther for the restantion of the Guif. These programs will	Hancock, St Tammany, Mobile,J ackson,H arrison	Yes	Yes	No	Yes	No	Yes	No	Yes	\$ 2,000,000.00	Ş -	monitoring and Data Synthesis
Research and Education	4313	2/3/2015	Missisippi Maritime Museum	Ar early as 1700 the chronicing of vessels being built on the Pascagoula River began, and in the 300 years of documented building records since that time, thousands of vessels from shring and fishing basis, ships, lowary lines, barges, cargo carles, building records since that time, thousands of vessels from shring and fishing basis, ships, lowary lines, barges, cargo carles, tasks of the Mississippi Guil Cass. Liscon County is Mississippi Vingst Counses Pert, hone to one of the stanks's largest of endersheed the standard st		Yes	No	Yes	Yes	No	No	Yes	0.01 Yes	\$ 2,500,000.00	<i><i>анинии</i></i>	
Research and Education	4329		Neotropical Migratory Songbird Preserves for the MIssissippi Coast	The Mississippi Gul Ceart is important habitat for trans-Gul neotopsical migratory songhrids. The habitats immediately along the Mississippi Sound are the first terrestrial habitats the birds reach flying north in the spring and the last terrestrial habitats they see when Mying south in the fail. Restoration of multime forests with a plethera of fruit-producing and insect harboring species would provide important food resources for migrating songbirds.	Harrison,J ackson,H ancock,St Tammany ,Mobile	Yes	No	No	Yes	No	Yes	No	No	\$ 250,000.00	ş -	
Research and Education	4332		Bilos Flats - Ichoutabulf Schwart Mark Stand, Creek Wer/Inde & Guil Costal Flats Swama Restoration - De Soto National Forest	The southeast corner of De Soto National Forest encompasses part of Harrison and Jackson counties in southern Mississippi. This sees of the Forest contains the headwaters of the Tchoutaabauf River/Tuxabhaie Creak Watershed. This watershed divin into the Back Bay of Biolia and a vial part of the Mississippi Gulf Cauch, Iffhereing both watershed. This watershed widdle habitat. Within the Tchoutacabouffs River Watershed there is an area now known as Biloxi Flats. Biloxi Flats encompasses 2,500 arcrs to cosstal plain sawman an need of restoration. Bayou Billie drains a significant portion of Bioxi Flats. This area once contaned values another constraints are videnced by vecends of crane signifying and nestos on Autonal Forest Hand. Habitat on the nearby MS Sandhill Cane Refuge is well mantaned by the US Fish and Withfill's Service, but the dense pine woods now found the Bioxi Flats are a unacceptable nesting, roosting, and feeding habitat for canes. Fire suppression, pine plantations in low areas, draining of land and nearby development have changed the historic vegetation structure. Stands of pine teves and their. Underflats the outcource put and watershaped by aligning the Ports. So System Terotation work ali alion ensure constemt management across the landcape by aligning the Ports. So System retoration work as both agencies work toward retoring and maintained in heithy to coldino to complement the simanna. Pitcher valian for sure testoret throughout Bioxi Flats and the rest of the Tchoutacabouffs River/Tuxabhane Creek valians for the ensure in Biolian flats will be restored and maintained in heithy condition to omplement the samanna. Pitcher valians for the ensure instored throughout Bioxi Flats and the rest of the Tchoutacabouffs River/Tuxabhane Creek valians for the ensuresheed. Installation of interpretive signage and significant trail improvements will be completed in the Tchoutacabouffa Bioxi Flats and Sing Bioxi br>Bio		Yes	No	Yes	Yes	No	Yes	No	No	\$ 3,038,000.00	Ş -	

Research and	4336	3/9/2015	Stabilize Downcutting	The main streams that make up the upper Jourdan River watershed are continuously downcutting. This is certainly true of	Hancock	Yes	Yes	No	Yes	No	Yes N	lo	No		\$	\$	-	
Education			Streams in the Upper Jourdan River watershed	Hickory Creek and White Cypress Creek. It no doubt applies to Catahoula Creek, but I have no personal knowledge of this one. This means that each stream has a headcut that is working it's way upstream and is converting a stable e type stream that is														
				connected to its floodplain to an entrenched one that goobles up soil during floods, as it disconnects from its floodplain. Moreover, every stream and drain that goes into them also necessarily exhibits the same phenomenon as it cuts down at the same rate.														
				The resulting soil loss ripples through the entire watershed and into the Mississippi Sound. Inland, wetlands (floodplains) are lost and hydrology of surrounding soils is altered. Vegetation is lost. All the streams mentioned have county road crossings that will be threatened in the not to distant future.														
				In the marine environment, the extra sitiation affects oyster beds and grass beds, thereby taking a toll on the flishery and oyster resource. It was interesting to note that one the tables in the breakout session of the marine resources meeting in Bay St. Louis on Feb. 26 had people around it who fish Bay St. Louis. The comparisod of the fishing spots grating sited up. At that same meeting oysters came up at table after table as a key cultural resource for the Mississippi Gulf Coast.														
				I would advocate a project, assuming landowner cooperation, to stop head cuts in the affected streams, as well as possibly add grade control structures along the way. Although it's possible to spend a lot of money doing this, it need not be the case. There are techniques involving concrete rubble and ground stabilization doth that have been shown to be effective.														
Research and Education	4337	3/11/2015	Back Bay Biloxi Shoreline and Habitat Restoration	Project will restore shoreline area, ensuring growth of emergent plants including Spartina, Juncus, and other grasses and trees that have been lost to ensions. Several across will receive remediation and land will be extended to include a narrow beach that has been lost due to increased force of www action. The select means of restoration will improve conditions for more than a dozen endangened species in the area as shown in this proposal.	Harrison	Yes	Yes	Yes	Yes	Yes	Yes Y	'es	Yes	health 8	.s. \$	\$		
Research and Education			West above County Constructed Wellands Restoration Project	The Versit Jackson County Constructed Welland's trainment System was established in ni 1980 to trait the extrailated waterseater collected in vestmal tackson County, Missibiang, is waterwater passes through multiple colls of welland wegetation, excess nutrients, heavy metala, and other environmentally hummlu contaminants are removed from it prior to these in tho Costage Jagous. In addition to waterwater treatment, the wellands are a flavored halter for a variety of wildlife and serves as a complementary habitat to the adjacent MS Sandhill Cane Hautonal Multidlie Relique. Due to the concentration of builts in these wellands, we formed an agreement with the Hautonal Audiobo Society to goen the facility for avain observator and counting every Thursday, for the last several years, the wetland vegetation has been decimated by the insuste apple snail. Apple snails are a erious threat to free hautone wellaw with every damage documented along the Gulf of Mexico coast. Consumption of wetland vegetation by the apple snail has te to distatic reductions in the waterwater treatment efficiency and willigh habitat. The main objective of this proposal are to reatore the functionality and habitat provided by this treatment wetland through eradication of the apple snails and restoring of vegetation. The Jackson County and Manine Resources. However, limited resources have hampered these efforts. We would like to espand upon these activities by researching and implementing the best methods for removing apple snails, looked by replanning of the wetland vegetation using peer-reviewed methods to maximize habitat and water treatment. Throughout all tesps in this project, wetland. Will Aubit of the discust calcivities by using this site as a demonstration and discustion project that will be oesing this wetland. Will also the site activities by using this site as a demonstration and discustion project that will be oesing this wetland. Will also the site wetland through theing and through healting of new employees to addr	Jackson	Yes	No	Yes	Yes	Yes	Yes Y	es es	62 Yes		\$ 650,000 \$ 1,500,000		-	
Education			Pier Restoration	The University of adducent mississipp is during that Galippi solid	namson			NO	Tes	165	105 1	6	163		3 1,300,000		*****	
Research and Education	5377	7/3/2015	Habitat Restoration Stewardship Fund	Inablat restoration in coastal Mississippi has lagged behind habitat restoration in other states, even when some grants for habitat restoration were available because of the lack of start-tip funding or the lack of matching funding for habitat restoration grants. We propose that some RESTORE funding be provided to an agency in Mississippi, perhaps the Mississippi Department of tervinomental Quality, Office of Restoration, on an annual basis for a period of 20 ware that can be used to leverage existing funding sources to implement on-the-ground habitat restoration. These habitat restoration techniques may include, but are not intend to i, invasies species control, prescribed burning, level relation, by Andreige restoration, and makes the advantation and the start data for data were well able buttates species planning. The funding could be available on a competitive basis and would be available to match federal, state and local government funding available for habitat restoration by leveraging funds and effort from a variety of sources including federal, state and local from federal sources, using a small group of federal in data gency representation and novel form leveraging their representatives to rark the projects annually would encourage cross-communication and cooperation in leveraging their representatives to rark the projects annually would allow the state of Mississippi to make maximum set of available resources. The benefits of lower counting habitat restoration to available for maximum of a disabitate restoration and even funding data terms on sugge on-going efforts and novel funding data restoration streams though of devision data governetics (development of devision data available resources), were data and provel for the stream to a negate on-governetic development.	plus	Yes	Yes	No	Yes	No	Yes M	10	Yes		\$ 20,000,000	00 ###	1111	

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Research and 5385 8/11/2015 Airport Cano	Southern Mississippi Planning and Development District will create and maritan a one-stop resource for consistent, accurate in the stop of the de tak across the Mississiphi GUI coactionates of Hancok, Harrison and Jackon. Twill be designed with input for and for use by professional acconomic developers, local governments, tourism bureaus and others attrively seeking to create n plob, gove existing buistense and stimulate more wealth along the coast. A standardized approach to data collection will benef the entire region. Data collection input and display Data collection linput and display Data collection display consistent account of the account of th	and Jackson and Ja	Yes	No	Yes	Yes	Yes	No	Yes	90	Yes	S	S	
Education	Sustainability is an important component to the continual growth and operation of airport facilities. The Gulfport-Biold International Airport has worked diligently to develop a sustainability strategy. The strategy was developed with the support from the Federal Avation Administration. On element of the overall sustainability strategy. The strategy is seewable power. The airport seeks to accomplish this objective through the generation of power utilizing solar panels. The utilization of BP Deepwater fronton. Of Spill funding for the development of a sustainability strategy. The strategy is received power and sustainability strategy is sustainability strategy. The utilization of BP Deepwater fronton. Of Spill funding for the development of a sustainability strategy and an initiative that will realize a reaccurring ret on investment. The Adron that a rental car parking area where the whicles of 5 metal car companies are parked within 150 parking spaces. This parking to is kinally strated for a solar array making large tracks of and unavailable for other uses and purpose in that it generates renewable power that will reduce the amount of electricity purchased by the Airport thus reducing the ownell environmental laboristic of the airport willing providing covered parking spaces. This development of this structure actually increases the usage of the area by accomplishing the two purposes noted above. Discussion: With this design, wildlife habitats and vegetation are left undisturbed further reduced possible ension events. The providing shade also helps to diminish the heat island effect of a sold surface parking toric. A electricity prices commute to rise, horing available generation to reduce electricit grid demand is increasingly important for apports. The caliport development of the barrents and where the labors to track better adicused for amenities for the transling public and turber carry out other sustainability grides and objectives The caliport development and allows the track bare	al g of to												
Receach and 5387 6/13/2015 Continuation Education Country Beac		to tie ter	Yes	No	No	Yes	No	No	Yes		Yes	\$ 2,500,000.00	\$ -	

				-												
Research and Education	5392	9/1/201	5 Point Cadet Waterfront Boardwalk, Marina and Small Craft Harbor Expansion and Tricentennial Park Improvements	Through implementation of this comprehensive project to improve public access and balance public-private development along point: Cadet's southern waterfront from the Bloxi-Ocean Springs Bridge to the Bloxi Small Carlt Harbor in downtown Bloxi, the general public, the State of Mississpit, het Carly of Bloxi and private developser will benefit. The project includes upgrading the existing Point Cadet Marina and expanding it west and constructing an ADA-compliant public boardwalk will provide safe gedestrian access across Highway 90 to Tricentennial Park and the Oh-O'Neefe Musseum. In the anne area, the public boardwalk will concert with the existing seawill valvays to provide spectra macress to the Bloxi Shong Train access at the Bloxi Shong Train access at the Bloxi Shong Train access at the Bloxi Shong Train access to the Bloxi Shong Train access at the Bloxi Shong Train access to the Bloxi Shong Train access Train Bloxi Shong Train access to the Bloxi Shong Train access Train Bloxi Shong Train access Train access Train Bloxi Shong Train access Train Bloxi Shong Tr	Harrison	Yes	Yes	Yes	Yes	No	Yes	Yes	80 Yes	\$ 35,000,000.00	S -	
Research and	5393	9/1/2011	5 Public Access	Imily-oriented activities and to provide small business development opportunities. The public varients are advectored to the Billon-Occess Singlis Stridge opport considerable public use for a wide variety of family-oriented activities prior to Hurricane Katrina, including fishing tournaments, festivals, concerts, educational programs, observing manne life and shore birds, and just generally appreciating nature. Since 2005, the State fishing prior and shoreline boardwalk have not been replaced and the area poses safely haards to the few how hatterpt to access the waterform to fails or to ethyp the view. Through this project,the CHy of Biloxi will restore safe access through construction of the ADA-compliant boardwalk that will include amenities to support a variety of public waterform use. Low profile, all weather signage will be installed to educate the public about native marine species, native and migrating bird species and restoration of other native resources including markely per Island. Existing surface parking north of the Point Catek Marina will support increased public usage in the project area, a portion of the parking area will be estricted in support of educational and research vessel staff and Dworther additions in contrading with the State of Missions to the State Folder to the State Folder State Adardone and the specific of a state for the top scattering the state-form and accessing the state accessing of the parking area will be estivated in support of devicational and research weather state accessing the state-form accessing accessing the state-form accessing state accessing the state-form accessing accessing the state-form accessing accessing the state of the state of the state form accessing the state-form accessing accessing the state-form accessing accessing the state-form accessing accessing to the state-form accessing the state-form accessing accessing the state-form accessing accessing the state-form accessing accessing the state-form accessing accessing the state-form accessin		Yes	No	Vec	Yes	No	No	Vec	60 Yes	\$ 4,000,000.00		
Research and Education	5393	9/1/201) Public Access Improvements and Point Caded Marina Improvements	The City of Bioxi is partnering with the State of Mississippi to restore safe access to the Point Cadet waterfront area south of the rightway 50 Bioge with an ADA-complet boardwalk to support a variety of public waterform uses. Signage will be installed to educate the public about the Mississippi Cast's natural resources and restoration activities at a nearby cyster reef and Deer faind. Sedimer will be removed from the Point Cadet Minina to improve safety. Prior to Hurricane Katrina, this area enjoyed considerable public use for a wide variety of family-oriented activities including faining tournaments, festivala, concerts, educational programs, fring tites, observing marine life and shore brink, and just generally appreciating nature. Since the sortm, the State finding pier and horizone boardwalk har will include age poses safety hazards to the few who attempt to access the waterfront tong in ADA-compliant boardwalk that will include spling and seating to support a variety of public waterfront trues. Lowprofile, all-weather signage will be installed to decise Baber Island. Implementation of the point variety of public waterfront trues and ADA-compliant boardwalk that will include appling and seating to support a variety of public waterfront trues. Lowprofile, all-weather signage will be installed to decise Baber Island. Implementation of the point resource. Project design is being coordinated with the Mississippi Secretary of State's Office and Department of Marine Resources to more support increases all public cases in the this Teledand area and to maxime public benefit through appropriate land use the support allor support late installed to the Teledand area and to maxime public benefit through appropriate land use that support increase public uses, in the Teledand area and to maxime public benefit through appropriate land use that support increase late public sage in the public's dail enjoyment. Removal of marine assertions baber safety design also will accommodate deeperdarit, targe receational basis. Upgr	Harrison	fes	No	res	Yes	No	No	res	60 Yes	> 4,000,000.00		
Research and Education	5394	9/1/2019	Bilou Small Craft Harbor Expansion	and along the section of the southern shoreline that supports the Point Cadet Marma. The boardwalk eventually will context with the Said Beach, Blois Schoomer Per Complex and Jarlygmay 90 crosswith to provide size access to the Oth-CXeefe Through this project, the CI yof Bloix will renovate and expand the Bloix Small Craft Nator to allow all Bloix-Based chatter boats to bert hogether in one central harbor located on Bloix's Lateral Channel with direct access to the Cash and West Channels. Tagling yob binds the harbor to the north and is within half a mile of 1110, in close proximity to major resort holes. The project winvelves adding sign set of the harbor and reconfiguring existing agrage, which hinders accessible yand existing charter boats. Currently, the harbor is bordered on the west by a casins and its parking garage, which hinders accessibility and obscures its visibility to the public. Expanding the harbor to the east will not only provide needed new silps, but will allow for improved accessibility and boat charters, and on Bigmay 90. State Charten and by the mainter-elated services including boat charters, and offer educational information about Biolity. State Chartense, and environ at the state of the harbor is benefore and will be availed for 'off the boat's advort size and there interimed to a high the struct state of the state of the harbor to the state will have public restrooms and facilities to weigh, display and clean fish. Other public amenities will include staging areas for sports fishing tournamently displayed themuses for te and other typical applies to support tharter boat fishing. In the Missings Jound will be promisently displayed theoughout the harbor complex to present an achiever interpretation of Biolito to tourists and new residents. The new Biolits and Code harbor and the sportment this is a chain of amenities located along Mighway 90 from central Biola to Point Cadet, which includes the historic downtown district, the Biolito Toom Green, the On-Alder Keefe Museum of Art, the Poin	Harrison	Yes	Yes	Yes	Yes	No	No	Yes	80 Yes	\$ 6,000,000.00		

											L.			4			
Research and Education	5395	9/1/2015	Tricentennial Park Public Improvements	Treemenail Park, located on the north side of Highway 90 in East Block, was purchased to preserve public access to valuable waterfort property that boasted the restored, historic Tulic Toeldana Manna dia some of Block? There add live adk trees. Damage from Hurricane Katina destroyed the Manor and its outbuildings, but many of the adks surved and the site continues to serve a public pupce by preserving unobstructed views of the Mississipp Caucit. Through this prince; the CL systems to the serve a public pupce by preserving unobstructed views of the Mississipp Caucit And Tulicanes and the west side of the site; joint provide pedestructures access access Highway 90 via a conservative to the Mississipp Caucit and the vest side of the site; joint complex to restore a wetlands area on the southeast portion; and to enhance recreational opportunities on the park's east side. Improvements will include uniform landscaping, lighting, irrigation and waikways, additional parking on the northeast portion of the site, interpretive signage, relocation of the Block Tricentennial mocaic mural to the park, and rebuilding a berne to support a hand-shelf/gazeb for outdoor concers and other activities. Before development of Highway 90. Will be installed to provide public access to connect the park with the Sand Beach and Schooner Pier Complex. Benefits derived from implementation of the sito point induce expanded multic recreational avis, park by will be installed to provide public access to connect the park with the Sand Beach and Schooner Pier Complex. Benefits derived for implementation of public parks by bound and Deet Hilding: expanded public recreational uses. Benefits also include equanded ducational opportunities through signage and displays to educate the public access to a public histure activities; restored wetlands and improved water quality to support mark explice for pictics and other listure activities; restored wetlands and improved water quality tos support mark explice for pictics and other listur	marrisoft			162	Tes	÷Ψ	165	10	40 PS	S 840,000	00 ######		
Research and Education	5399		Point Cadet Revitalization from Highway 90 Bridge to 110 Corridor Jong the Back Bay of Biloxi	Sind services contributed for architectural and landscape plans, in-kind labor provided by the fartision County Public Works This comprehension project will residue waterform areas of Less tillion from the Hylmavy 80 tings north and west to the 1-10 Corridor through multi-use improvements to enhance and restore natural resources, create jobs, support the sedfood and maritime industries, and expand family-oriented attractions to extend visitor' stay on the Mississpil Gulf Coast. Throughout the project area, the Cly will provide safe, convenient public access to the shore/hen and will enhance traditional working waterform activities with a variety of land uses that showsase local sedfood through shopping, dining, entertainment, in deducational venues. RESTOR Egrantin funds will be used as part of a public investment strategy to yield a long-term increase in value by revitalizing the Back Bay shore/hen est of the 1-10 Corridor and adjoining OH Billion neighborhoods by enhancing public access to the waterform and review of the indicastry through public improvements that will include expanded commercial dock space and supportive landiside amenities. The project will include incentives to diversify the regional seafood industry through development of such thrags as a soft-shell be access to the access through the receivable and anima component of the overall project will be located at the site of the Sherman Canaan Fahing bock, which includes approximate j 15 Cly-owned areas at the north end of Lee Street. This public addreform area will be reconfigured to offer a manina with receastional maning school and space for Mississpi Department of Marine and schoel services and substag storage/organeta. The substag school and space for Mississpi Department of Marine and schoel services and state storage and schoel and sourcide mergen and schoel and sourcide mergen and schoel and sourcide and shad and opening systers, as well as faltilities for workfore training unulnary with that locues and suffal address and space			Yes	Yes	Yes		Yes	Yes	50 Yes	\$ 35,000,000			
Research and Education	5400	9/2/2015	Pine Street Waterfront Access Road and Maritime Commerce Corridor	The Pine Street Waterfoot Access Road and Maritime Commerce Contidor in East Block will extend and improve Pine Street from Sh Street South on Fighway 90, concrient with hinghementation of the City project to extend Boak Bay Boulevad from Qak Street southeast to Pine Street and then south to 5th Street with funding assistance provided through the Mississippi Development Atunktry's Loomonic Development Highway Program. The improved Pine Street will be a four-iane, divided boulevard for greater safety and aesthetic appeal. The comprehensive project goal is to improve public access to waterfront commercia, lindustrial and recreational Arouading dock at 5t. Michael's Fuel and ice Dock on Blook Bay at the foot of 5th Street. Improved access also will stimulate redevelopment of East Blook through new business start-ups and the expansion of bourism and recreational waterfront amenites.	Harrison	Yes	Yes	Yes	Yes	Yes	No	Yes	90 Yes	\$ 20,000,000	00 #####		
Research and Education	5401	9/2/2015	Point Cadet Sunite Park Elitola Tip of Penisvula Public Access and Shorelin Stabilization improvement Project	The City of Blain is requesting funding supports remove marine debits and to restore the shorefine of Point Cade from the Bioth-Ocaes Spring Bridge north to the Blain Fishing Reign. Debits removal, structure stabilization measures and gedestrain access improvements along the City-swined waterfront property will expand public opportunity to access a unique area where the MississigD Scale mergers with the waters of the Back Bay of Blaios. The project will enhance preservation of undeveloped shoreline for the benefit of the public as well as for marine and brid species. In addition, low impact all-water elevacional signed will expand potentiates to the maker and bait species. In addition, low impact all-water elevacional signed will expand potentiates to learn about habitat supported by tidally-impacted areas and to encourage long-term stewardship of Coastal natural resources. The project includes extending the small sance how the shore east of the Martine and Seafood Industry Museum; incorporating the use of the seavail in migroving pedestrain access; improving the safety and searching of the walkeys under the Blox-Ocaes Springs Bridge; and constructing a small pier for fishing and crabbing. Uplied Improvements to be built near the a woode host-building and constructing a small pier for fishing and crabbing. Uplied Improvements to be built near the avoode host-building and classing the local site: a galaxies, the nearby Blox Fishing Bridge. Hurrisen debits, litter, undheckd avoode host-building and taking debits devices the nearby Blox Fishing Bridge. Burisen exist, wheeked avorder the many activities defined, level Waiterwy mite what floxing and a hazardous experience. Project implementation will address this problem by providing ADA-compliant pedestrian connectivity along the doreline on the general public, others who will benefit specifically from project implementation are shoreline and wade finaterment, throwers of cast near and base who enjoyend more cannes for childregis, and padding dore	Harrison	Yes	Yes	No	Yes	No	Yes	Yes	50 No	5 500,000	00 ######		

Research and Education	5402		West Bloof Festival Boardwalk and Boat Ramp	I om a buffer between the shore and the highway. While this section of beach is especially beaufful, the buffer formed by businesses and condominium makes access to the beach ties vible and lesis will be not lesis will be and lesis with any control of the back through construction of an environmentally-sensitive boardwalk with inking walkways to adjacent businesses and to new public particular parts occased as thready as the paroprint esignage. Construction of a but here also the thready and the paroprise signage. Construction of a but here also the provide access to the Mississippi Sound for the backing the seavell, south of existing commercial development. It will provide access to the Mississippi Sound for the backing and fishing public. The backnedwalk will be addectination in itself that will draw people to the area and increase business: It also will be a casting for fistival and a twing provide access to the maximum construction of board the edge of the access and increase business: It also will be a casting for fistivals and a twing advance and one much back the edge of the access to the back that and the advectimation in itself that will draw people to the area in increase business: It also will be a casting for fistivals and other outdoor community activities. The operative signage will explain beach ecclopy in the rease, including identification on fastive people to the area indicase. I business signage will explain beach ecclopy in the rease, including identification on fastive people to be the access and eccess to the increased access to the Mississippi Sound for West Biloui boaters and fisherment, expanded economic opportunities for area reataurants and retail businesses; improved access to the West Biloui waterfront; expanded recreational and educational opportunities on the Harrison County Sand Beach.	Harrison	Yes	No	Yes	Yes	No	No	Yes	80	Yes		\$ 6,000,000.00		
Research and Education	5405	9/24/2015	Expansion of Blue Crab Aquaculture in Mississippi New Economic Opportunities for Costal Fishery Development	A reduction in blue crab harvest and the continuing decrease in number of juvenile blue crabs in estuaries across the Gulf of Metico bave stimulated interest in the use of harkbery-research crash is note chancement activities (hould diminished recultament occur in the fishery) and the development of new fisheries. Mississippi is one of only two states in the U.S. with a blue crab harkbery. The ability of UMXGRC to produce Basescel/Bitzab has great potential for development of a blat crab fishery and expansion of the soft crab fishery. Pond culture of blue crabs would greatly reduce pressure on natural populations and would allow of Interlay development indegendent of their discuss, interest in new fishery gootnuctifies for Mississippi Blue Crab Aquaculture Consortium. The Construint Fiscaed on establishing blue crab aquaculture in Mississippi Slaten (and Buc Crab Aquaculture Consortium. The Construint in Fiscaed on establishing [3] is unofficed development through training and participable flue from a discuss and bat to create new domestic value-added products based on hatchery production technology. The proposed work addresses weeked IRSTORE (C.M. Mississippi Rature [3] is unofficed development through partnership blue Crab Aquaculture Consortium. The members (USM/CGL, Mississippi Rature [3] is unofficed development through partnership blue Crab Aquaculture Consortium members (LSM/CGL, Mississippi Rature [3] is unofficed development in through indevelopment, and S) resources internation Service Jack STGRE United and development through partnership with the Mississippi Ratura Resources (CIDMAR'S Mississippi Ratura Resources) (CIDMAR'S Mississippi	Jackson	Yes	Yes	No	No	Yes	No	Yes	30	Yes		\$ 13,000,000.00	Ş -	
Research and Education			Guil Coast Broadband Project	The Missiagips Gulf Coast Is need of ultra-hips-panel. filter-aptic, throughout infrastructure for internet service that has difficient coop, filteriality, invaliability and afforshallity, for all for scitzens, powerments, and pruvate businesses and industries to be able compete in regional, national and international markets for the creation and retention of new jobs, technologies, businesses, and industries and for the regension and retention of equal opportunities for all citizens to enjoy a more prosperous, just, dignified and fulfilling life. The experience of many states and communities around the nation has been that liques corporate providers of data transmission facilities do not have sufficient monetary incentive to bring affordable and ubjultops. Just high speed broadband Internet service to them unless three an significant public efforts and incentives to bring that technology to a proximity to all homes. businesses and public places that will make the final connectivity and service to all homes, businesses and public places by teal line and private service providers accessible and eccontricity and service to all homes, businesses and public places by teal line and consolidated and business. The Clices of Bilost and Guilforen established a unified effort to promoe development of a minimum 3-clig since high speed module and private service providers accessible and eccontractivity and service in <i>Galf Calas. Subsequenty</i> , sori of colore 2016, ling chief constative to a lite of the three constation terms the bilosi and Guilforen to from the Guilforen established a unified effort to promoe development of a minimum 3-clig since high speed module constative to all are residents and businesses an affordable, ubusinous and time y utra-high-speed to moduland internet service. It will be delivered from the Fiber Ring to all end users by competitive licensing with private internet Service Providers, to researe and maintaritive responal fringe to all end users by competitive licensing with privat	Harrison	Yes	85	Yes	agriculture	\$ 15,000,000.00								
Research and Education	5421	10/6/2015	Economics and The Gulf Coastal States	The Objective is to collect economical data for the Gulf Coast fishermen, Anglers, processors, charter for hire and businesses that rely on our values marker essures to provide food and gibls for our Values. This project will atterngt to capture the true value of our Gulf of Mexico States marker essures and selfood to the Nation as a whole. Activities include the collection of economic data which will include mail our surveys, emil and our values, sphone calls to values users of our selform the mail our surveys. We will also meet face to face with many of our businesses. We will collect economic data wholes have been doned on the mail our surveys, phone calls the Wahen evere collects the true value to regional businesses benefitting from Gulf selfood. In most surveys, they only show the x-vessel price. We will do a literature review on hake surve whose included al values from the fink to the gibt and all the jobt. We have never collects and means the include self values from the fink to the gibt and all the jobt that form ensures and all revenue that our nation receives. One example is Meinhaden is used for making oil, fortilizer, dog and cat food. The oils used is the primary ingredient in WO forty. This example is to have a social and examic consers into play and the many jobs that are craked through the value chain. The outcome is to have a social and economical survey that will help capture the true value of the commercial assistion division sa a whole. We will also provide the other businesses that depend on in the selfood from the Gulf of Mexico to make their living. This data has never been collected before. If a Disaster should shike again we will have the the value and as an entra borus of this proposial. Our science center will have the information and so will our fisher y management councils that use this type of information in their management plans.		Yes	No	No	No	No	No	No		No		\$ 5,000,000.00	5 -	

Research and Education	5452	12/8/2015	TechTown Pascagoula	TechTown is a &Gettechnology and entrepreneural learning center offering year-round after-school programs and summer comps.SEREChtown provides skill-builleand accertification curriculum for five locas areas including to bodics, programming, lim and arts. In contrast to the original TechTown Chatanooga, the proposed TechTown Pascagoula would be a 5,000 sq ft extension center ordering focus areas: customised for the Jobs in our community. TechTown has a storing emphasis on securing scholarships for underprivileged youth. In addition to youth programs, TechTown also offers technology focused program for adults and extension. A TechTown Pascagoula would combat the documented recruitment needs of local industries who are spending counties hours traveling to recruit necessary workforce. TechTown Pascagoula would spark the interest of local youth region- due in STEMI Science, Technology, Engineering, Arts, and Mathematics; Jesteffed Jobs of which Pascagoula is dortamet to be plentiful in. A facility of this magnitude would be the first in the State and have a multi-state doar. Headquartered in Vascagoula, two others are a gared partnership with ingkts. Functions, and multi-state doars. Headquartered in Massingb State University among programs for adult for the Mathematics; Jesteffed Jobs of Which Pascagoula is dortamet to be Pascagoula Gauties School District, the Cry of Pascagoula, the Mississipp Guil Coast Community Callage (MECCC), and MGCCCEPT - recent callaboration with Mississipp State University among universities able of the Mississipp State University among universities able of the Mississipp State University and multi-state able of the Mississipp State University and multi-state able of the Mississipp State University among university and multi-state for the Mississipp State University among university and multi-state able of the Mississipp State University among university and multi-state able of the Mississipp State University among university and multi-state able of the Mississipp State University among u	Jackson	Yes	No	Yes	Yes	Yes	No	Yes	50 Y4	85	\$ 2,000,000.0C) Ş -	
Research and	5453	12/11/2015	GoCoast Trust Fund	Attachments include presentations explaining TechTown and the capabilities. The proposed project will fund a perpetual GoCoast Trust Fund that will provide: (1) debt and equity financing of qualified	Hancock,	Yes	Ye	es	******	#\$-							
Education				private and public projects that will repay bans with interest and yield a return on equity investments, and (2) grants to public agencies for urgently ecological and on ageneate revene directly, septically eco-exotation projects. The Trust Fund will provide a long-term, economically sound Tamework to stimulate regional accommic recovery and growth that serves long- term public interests, and it will have the flexibility to adjust to market-driven changes in the regional, national and world economics. The GoCoast Trust Fund will be governed by a three-member Board of Trustees, composed of one resident from each of intancok. Herrison and Jackson countries. The Governor shall appoint the trustees, subject to the approval of the Mississippi Smut Bad unanismous sites of the Trustees. Operating reports of the Trust must fund from the add of trustees and the unanismous sites of the Trustees. Operating reports of the Trust must fund from each of public or private grants obtained by the Trust.	Harrison and Jackson												
				Investmentideflor the next state fixed year iteming all proposed investments and projects for the next fixed year (2) findnated statements of the Trust for the previous year and 13 findnatid statements projected for the soft wysers. Prior to submitting each Plan of Investments, the Board of Trustes rout submit the Plan to all state Senators and state Regresentatives representing any part of the three Coast comiles. If a majority of Senators and Regresentatives any specific project in the Plan, then that project shall be deleted from the list of projects that may be funded by the Trust in that fiscal year. The Trust will operate in the nature of a public investment bank to fund projects that address economic development; infrastructure; eco-restoration; research and education; sealood; tourism; or workforce development. Priority will be given to projects that stimulate and accelerate long-term; regional economic recovery and growth; job production; tax-base expansion; and quality of the fixelissippi difficult Soar treidents. Selection must be based to fordeEGO-cast Trust assistance, otherwise would likely not go forward within a strategic timeline and scope of development according to the long- term strategic planet andord by the Board of Trustes. The operating office of the trust shill be inclusive for difficult or the cust able the cust able be inclused within the three Coast.													
Research and Education	5459		Welcome Center / Tourism Center	Develop a site and construct a welcome/tourism center for the City of Pascagoula. The City has much to offer, and several large employers bringing visitors to the area. Often, these visitors miss the jewels of Pascagoula and Jackson County in favor of larger facilities in other aready cities. A welcome / fourism center would provide meeting space, information about local attractions and facilities; and would complement other similar venues on the Coast.	Jackson	Yes	No	Yes	Yes	Yes	No	Yes	90 Ye	es	\$ 5,000,000.00	1 \$ -	
Research and Education			Nghung Connectivity Popier for City of Moss Point	A project to provide ease of fromsportation, accessibility and safety abong the interritate 10. Highmay 63 and Highway 613 corridors from Old Saracennia Road north of 1-100 to Michnis Avenue and Grieron Street south of 1-10. I. Interchange interprovements and extension of service roads along with service road improvements along the 1-20 and Hwy. 63 and 613 corridors. I. Transform the Pracegoula Street/River Road/Griffin Street/Danzler Street corridor into a major improved connector between Hwy-90 and Hwy-13, with videning, turning lanes, improved change, resturbing, lighting, etc. Widening and improvements along Grierson & Michnis Ave. from Hwy-63 to Main St. (Once Hwy. 90) to create greater access and increased flow to downtown from the east. Alox include a stop light and cross walk at Michnis & Main and straightening and widening dMichnis in fromt of Trich all with added gamela parking. 4. Turning lanes, and a traffic light at Hwy-631 and Dutch Bayou Road to create a new main entrance and exit at the Pelican Landing Conference Center, at the interaction. 5. Extend Audubon Way estimated across Main Street to Micris, creating a new intersection and creating commercial development opportunities. Bay St. Louis proposes to construct/extend the Rutherford Fishing Pier which is located at the Municipal Harbor. The existing	Jackson	Yes	No	Yes	Yes	Yes	Yes	Yes	Ye	25	\$	S -	
Education	3466	5)10/1010	Extension	pier is approximately 1,200 LF in length and is well known in Henceck County as one of the best locations for pier Tribing. Des to Its reportation as a fibring hot sock, the designated fibring area are consistently croaded and demands for folding from piers is at an all time high. This project will extend the fibring area approximately 500 LF and add an open air fibring platform approximately 50 × 77. This structure will enhance the regional tourist attraction and amenities for the BSL Harbor and will increase the use and public access to the water for recreational use.						NO	NO				\$ 1,000,000.0C		
Research and Education			Day Pier Extension	Bay 31. Loss proposes to extend the existing Bay Play which is located adjacent to the futurefroft Play at the Municipal Hotport The Day Play is used abily to dock local transient vessels which frequent the nearby downtown establishments. The current play is approximately 2001 in length can not support the amount of vessels which frequent the area. The existion would ad an additional 400 LP of docking space and enhance and support local and regional tourism efforts.		Yes	Yes	No	Yes	No	No	Yes	Ye	es	\$ 300,000.00		
Research and Education	5470	3/29/2016	Pedestrian Access Ramp	Bay 5L tools proposes to construct an pedestrian access ramp new Demontium 5L which would provide ADA access from the downtown area too the SIX Harbor and Rutherford Frishing Fier. This access point is necessary to allow a safe method for tourists to access the harbor and fishing pier. The access ramp will provide public access to enjoy the recreational benefits of the harbor and fishing pier.		Yes	Yes	No	Yes	No	No	Yes	Ye	B	\$ 150,000.00	\$ -	
Research and Education			Bay St. Louis Natatorium	Eay 51. Louis proposes to construct a public nation/um to consist of handrciap accessible showers, handrciap accessible swimming areas, locker rooms, 50 meter by 25 meter Olympic size swimming pool and multipurpose room. The facility will provide public access to swimming facilitates, swim lessons, partnerships with local school districts for use by swim teams, increase tourist attractions for visitors as well as hosting state and regional swim meets and provide additional activities for local youths.		Yes	No	No	Yes	No	No	Yes	10 Ye		\$ 5,000,000.00		
Research and Education	5473		Bay St. Louis Public Beach Access	Bay 51. Louis proposes to construct public access points along Beach Bird to the public and beach at Carroll Ave and Ulman Ave. These access points will be AAD accessible and consists of concrete waitway, timber detach, public mainted steel support structure, lighting, benches, etc. These access points will provide more access for public use of beach for recreational functions.	Hancock	Yes	No	No	Yes	No	Yes	Yes	Ye	es	\$ 500,000.00	\$ -	

Education Aquaculture	ation through in Massissippi and throughout the Gulf of Mexico, the oyster fishery serves as an integral part of the economy and hentage of castal communities. Events over the part decade such as huncinous anthroogagenic events [e.g., spilling, s
Research and 5482 5/4/2016 USM Ocean Education the Mississi	
Research and 5485 6/1/2016 Restore the Education S485 6/1/2016 Restore the Preparedines Mitigation	gies & Storm spaces and enhance those spaces with trees varieties that are sustainable. This project can also work with previously approved arrison Ja
Research and 5494 7/6/2016 SRHS Infrastr Education	

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Research and Education	5497	7/12/2016	Restore Project Video Production and Broadcast	It is important that the public be educated as to how the Restore Act funding was allocated to mitigate damage caused by the Deepwater Horizon oil spill. Much of the effort underway is directed at projects with results which will not be readily visible to the general public.	Hancock, Harrison, Jackson	Yes	No	No	Yes	No	No	No	No		\$ 126,000.00	Ş -	
				The Wilem Group (TWG) proposes to incorporate video segments into its television show Gulf South Outdoors in a manner that shines a light on the Restore progress while still offering enjoyable and entertaining and objectivity not possible if done directly by the State.													
				Gulf South Outdoors has been on the air for 15 years and now reaches 30 million households in most major cities nationwide. The company produced a show episode which focused on the efforts of Mississippi Powerf4"'s \$4cmBenew Our NitersAEI project. The show filmed an alligator hun on the Parsacapal River then segue into the volumeter cleanup effort to stress the importance of being good stewards of our natural resources. The result gave our sponsor well-deserved visibility for their conservation initiative.													
				Similarly, Gulf South Outdoors filmed a duck hunt and then segued into the Nature Conservancy&E ⁺ s ongoing project to restore the Nathews Brake wetlands. In both instances, the intent was to offer viewers an enjoyable outdoor show while highlighting important conservation programs.													
				Many of the Restore Act projects which have been completed or are underway would be ideal for the same type of treatment. A fishing tip for inshore species could be targeted in an area where Restore Act funds were used to construct an artificial reef or restore a shoreline in an estuary. The show would feature fish being caught and then interview the appropriate Restore Act representative to explain how the featured habitat hab been created or improved.													
				Cost for this project to highlight six Restore Act projects is \$126,000 for one year with the option to continue funding at this same level for up to four additional years. Funding requested herein would be used:													
Research and Education	5504	8/1/2016	Grand Bay NWR & Mississippi Sandhill Crane NWR Restoration Project	To praving believing the Casa you be projects to should be this proposal consists of habitar retrotion and enhancement work on Mississippi Sanchill Crane National Wildlife Refuge (NWR) and Grand Bay WWR, which are part of the Gull Casat Refuge Complex. These refuges contain a wide dreatry of habitats ranging from ecologically important prince assumants a corporative build be supported by the result of the components: (1) Pine-sawana restoration at Grand Bay WWR, QI Arelial waterfow surveys over Grand Bay NWR and other areas of the Mississippi coarts, and (3) Enhancement of waterbirk habitat at Mississippi Sanchill Crane NWR. The pine sawana restoration work on Grand Bay NWR will be monitored to ensure that desire at Mississippi and Casat. The stored component of this project includes biannual aerial waterfow surveys with the goal of assessing waterfow populations on Grand Bay NWR and other areas of the Mississippi coarts. The third component of the project will include enhancement of wetland habitat on Mississippi Sanchill Crane NWR. Ducks Unlimited will construct one moist soil impoundment on former watereaver sprayfields to benefit waterfow, waterfows, shorebirds, cranse, and other prointy specific. The project induces baarna a begins and habitat.	Jackson	Yes	No	No	Yes	No	Yes	No	No		\$ 2,902,772.00	***	
 Research and Education	5518	10/17/2016	Elevating the profile of the Mississippi shrimp	Sustainability projects are the status quo in the seafood industry. The supply chain is being pressured to provide assurances that the product is sustainably harvested. Policies at companies such as Wal-Mart, Sysco, and Whole Foods are very specific and may	Harrison,J	Yes	Yes	No	No	Yes	No	No	Yes		\$ 391,073.00	ş -	
			industry: a post-oil spill Fishery Improvement Project to advance and promote the sustainability of the Mississippi shrimp fishery.	block product that cannot demonstrate compliance. Despite being harvested under robust U.S. findery management, most retaliers require thrid-party verification through certifications of fishery improvement projects (FIPA). This proposal areks to continue developing a FIP for the Missispign (MS) shring fishery to elevate the fisheryl&T*s profile following a tarniside orguitation from the Deepwater Horizon OII Spill. The project has four ters: I Bassissment 8 ⁻² Statishability pre-assessments to internationally accepted standards are the basis for FIPA. Some retailers specifically require a Marine Stewardship Council (MSC) assessment. This project will fund an MSC pre-assessment and the trainistion to a 8 ⁻² Comprehensive FIPA ⁻ (see Conservation Allinee for Satisol Solitoris), GLLT-B. has recruited stateholders for a FIP committee to develop a time bound Work flan verified by a third-party certifier. Over three years, GLLT- will scilitate meetings of the Committee to the Plan.	ancock												
				2.Beer inspection 8 ^{et} Industry education about turtle excluder devices (TED) and bycath reduction devices (BRD) is an estima paction of the TP. A major concern in the Guil of Metico schming finchers is interaction, which endangered sea turtles. In federal waters, vestels are required to carry TEDs and BRDs, and non-compliance with regulations can cause a fahery closure II fund a Gear Inspective to conduct coursely devices, smalling TEDs and BRDs are properly installed, reducing the rate of sea turtle capture and the likelihood that fishermen carry non-compliant gear. Bidustry Outcreation: Instore feet at ²⁵ Simmer travias are currently exempt from (Rederi TED requirements If they adhere to tow time limits (SO CFR 223.206(JR)). NOAA is drafting an Environmental Impact Statement for potentially eliminating the TED exemption rule. CuLF, will monitor this rule change, regularly update the MS shrinp industry, and elicitar industry members on how to submit comments through the rulemaking process. BRDs are not required in state waters. GLLF, will continue to ducate harvesteres on benefits of BRDs and encourge volumation us use for threm inmitmize bycatch. 4.Eonsume Outreach & TC communicate the progress of the MS shrinp industry, and tes devices in dustrainability, GLLF, 4.Borsume Outreach & Shrinp, and recruit restaurants to join the Restaurant Partnership Program, which encourages them to source domestic seafood and empowers wait staff as ambassadors for the industry.													
Research and Education	5525		Nature Tourism Proposal for the Mississippi Gulf Coast Region: A project and dudget plan based on the 2026 process and strategy document,	Tourism and business leaders have realized the necessity of creating an environment of conservation and protection of Missispipal ⁴⁷ : except resources in the wake of the Depwater Horizon OI Spin in the Gui of Marcia. A great deal of planning has taken place since 2010 to celebrate the natural beauty and worker of the Missispip Gui Coast. There is an are of opportunity in this region that is an any promising method to protect natural resources and promote environmental stewardship while stimulating new economic development. Across the world, nature tourism is recognized as significant effort provider responsible travel to natural areas and promote convensation. Nature tourism are loading for original and authentic experiences to high-quality environments with historical and cultural ignificance. These travelers are more likely to be well educated and travel. Define in multi-generational groups with textended families. They are seeking after well-connected communities that place emphasis on environmentally and culturally responsible travel with low visitor impact to natural areas. The Final GGCoss 200 Report, commissioned by the Execute Order of Govern Phill Brayn in cludel focus of Acatco- TourismAlice be a substantial initiative for recovery, restonation, tourism, and economic development. In response to the worthwhile effort Cost Maccos 200 Report, commissioned by the Execute Tourism Task Force erronmended the Mississippi Gui Cosst National Hertage Area (Miccost Hoads could miniative. In 2015, with funding from the National Parks Satrovice, the MGCNNA reinvigorated this Nature-based Tourism Task Force of minteren (15) Gui Cast National Mississipe (Nation Han). Planning Commission, and the interage Trails Prantenship. This year-long consultation cultiminated in the recommendations depicted in the 2016 RTB han (Cost Cost Readson). Missing Dire Readson Mississippi Gui Cost National Herling Prans - Nature Accorpting the change to implement a nature-based bourtism plan, this Missingbi Gui Cost Nat	George,H arrison,Pe arl River,Jack son,Stone ,Hancock	Yes	No	Yes	Yes	Yes	Yes	Yes	10 Yes		\$ 10,000,000.00	Ş -	
				Tourism Proposal for the Mississippi Gulf Coast Region outlines the framework to manage, operate, plan, market, and implement the resummendations with a budget of 50 million over the next five years. This proposal outlines management and administration, operations, planning, marketing, and implementation. Management and Administration: The MGCNHA will provide general management, oversight, and coordination of day to day operations for the nature-based tourism program. It will provide leadership to local officials and partners to implement the NGT Plan. six (6) Are Managers will be chosen by each of the six cost counties to ever a liakons to ensure that initiatives and													
Research and Education	5529	2/8/2017	BSL Harbor Pier 5	Path. Sate (b) Affeb Admagers will be chosen by each of the six coast counties to serve as lakeons to ensure that initiatives and The City of Bys 2. Louis (BSJ proposes) to construct (Fe'S riskische HSS Hardhor Coasted at 10.00 pdv. Compretta Drive, near Downtown BSL. The project consists of permitting and coordination with regulatory agencies, design, bidding and construction of a new 13 wide timber pier with concrete pling associated water and electrical utilities and lighting. The BSL Harbor has proven to be an economic diver for Hancock County and BSL since it's opening in 2013 and boasts one of the highest occupancy rates of all harbors on the MSC Socia. The proposed Pier S project will add approximately 15.6 Si wet slips, and approximately 23.5'-40' wet slips. These slip Jazes represent the size range in most demand, all current slips in this size range are leased to long term slip holders.	Hancock	Yes	Yes	No	Yes	No	No	Yes	10 Yes		\$ 1,500,000.00	s -	
					1											1	

Research and Education	5532	2/16/2017	7 Bay St. Louis Public Safety Complex	Public safety complex is proposed to include new city court facilities, police department facilities and shelter. The current police department is located in an existing structure new City Hall which is in need of significant repairs and the current trainity on nor support the growing and more technological advanced police department equipment. The new location will be more centrally located to and adjacent to the existing fine department which was planned to serve as Cmergency Operations Carter for the of Qr. The new facility will allow as seen decrease in prisoned transport in the value of use could be added to department facility and will provide a centrally located public safety complex and shelter for the Citizens of Bay 5L Louis.	Hancock	Yes	No	No	Yes	No	No Ye	5	15 Yes	 \$ 5,500,000.00	\$ -	
Research and Education	5540	6/1/2017	7 Tourism Marketing Strategies	This projectAt ^{mas} scope would be to develop a tourism marketing strategy that would include the creation of an interactive website and attractive brochure/other marketing materials for placement at key locations to highlight the CItyAt ^{mas} unique tourist attractions, loging opportunities, retail areas, restaurants and other amenties. This informational packet would include a map showing directions to each location. It is anticipated that klosks could be strategically place that would al discuss in infining ther disciped designed design and to inform of other points of interest. The CIty does not have a chamber of commerce to help with such items.	Jackson	Yes	No	Yes	Yes	Yes	Yes Ye	8	25 Yes	5 100,000.00	Ş -	
Research and Education	5541	6/1/2017		The Cry of Gaular has assumed the daily operations and management of this 35-scere park, which is located own of U.S. Bo loading Gaularian Ead. Currently, the park has disc gold and a gremiter outfloor archery range with 32 lanes. The Cry has increased the isolarge Gaularian Eads of the park has disc gold and a gremiter outfloor archery range with 32 lanes. The Cry has increased the end of the state of the park has disc gold and a gremiter outfloor archery range with 32 lanes. The Cry has increased the endershall have the state disc of these amenties and has host odd antional achery transmenses, thinging tourists from all over the United States to participate, as well as state high school archery teams and Senior Olympics tournametris. SEC college archery has also expressed interest in using the facility for its conference champonity. The facility is one of few within the state of Mississippi and is unique to the state duot to its surroundrigs. The Cry is already home to the Mississippi Sandhill Crane Sheard State Herge and offers burging and wildlife extores the number of bouriss for its eact outrin attractions. The Cry plans to expand the recreational opportunities available at Sheard State Park to assist in developing this pristing park too on of the south#="specific additionality, other woulding carture rises and the to costal area, such as great white opportunities is nucleased and more. In the surrounding bayous, without can be the each indicid deer, wild rabbits, opposums, fores, raccoons and more. In the surrounding bayous, value on the dawa indicides and a wide wirely of this. Strenged state Park is hown to a variety of indigities on the avain indicide each wild rabbits, opposume, fores, raccoons and more. In the surrounding bayous, without can surface of networking of the advance of the orach and theore invoice throw difficulties of weightain. Cry the parks, is listed on the Mississippi Castal Nitring Tail. The existing rad a theore intervoice throw the park is in reed of regain. The City proposing to	e	Yes	Yes	Yes	Yes	Yes	Yes Ye	5	50 Yes	5 9,000,000.00	S -	
Research and Education			Commons Park)	The City of Gaulterder's Town Center is located in the Central Business district, and plans are currently being developed for evilation date property of the did Singm Rev Mal Into a many retail development for the City, Asson County and the outhing areas. The proposed development being considered would include an open air multi, box stores and national tenns to tattract interstate commerce. Jackson County does not contrain a malk, however, there was one within the City of Gauter prior to the BP oil spill. It has since been torn down and suffered greatly as a result of the oil spill. The Gauter Town Center Project is located in Gauteractic City of Gauter prior to the BP oil spill. It has since been torn down and suffered greatly as a result of the oil spill. The Gauter Town Center Project is located in Gauteractic City of Gauter prior to the Spill of the City of City and the City of	Y n s	Yes	No	Yes	Yes	Yes	Yes Ye	5	80 Yes	i 15,000,000.00		
Reserch and Education	5548	4/12/2017	Center for Innovation and Technology	Institution (CIP) this specialize in finance programs and technical assistance for MS businesses can be done to since 1994. As an administrator of several MDA small business assistance programs since the 1990.4%", SBCF is uniquely qualified to address at least the of the eight key areas of focus of the Gocasa 2002 goals as set forth by Goorean Phil Bryanic 1322. SBCF is most fortunate, as well, to have the full support and endorsement of Governor Bryant and his office with the submission of this request, and thereafter, if selected. The key areas that SBCF would address include: Workforce and Economic Development, Small Busines SActistance, Research and Education and Interfactucture. If Afforded this opportunity, SBCF Would collectively address these areas by designing/building and operating a facility that would provide both incubator and accelerator services to castal area start, and existing businesses. Through an examine technical assistance platform, SBCF would collectively address these areas by designing/building and operating a facility that would provide both incubator and accelerator services to castal area start, and existing businesses. Through an examine technical assistance platform, SBCF would collectively address these areas by designing/building and operating a facility that would provide both incubator and accelerator services to castal area start, and existing businesses. Through an examine technical assistance platform, SBCF would solid for cyber security to protect their T environment as well as ISO 9000 training and certification to help organizations to most requirements. SBCF would also work with large employers by facilitating personal development, guided self-help, programs for their employees such as, & & & & & & & & & & & & & & & & & & &	Harrison,J ackson F	J Yes	No	Yes	No	Yes	No Ye	5	60 Yes	; 7,500,000.00	*****	

Research and	5550	F /4 /26 - 7	Cherokee Urban Forestry	"Cherokee Estates is a neighborhood in Pascagoula, MS located immediately next to Bayou Cassotte and a lot of heavy industry.	Inches	¥	1.		N		W			\$ 100,000.00	6	
Research and Education	0222	,110411 (c	Cherologe urban rotestry Project Proposal	Lheroke Estates is a neighborhood in vacuadius, Mo located immensitely next to baryou classite and a loc flow industry. This includes a Chernical, MS Pholephore, Tables, Tab	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Yes							NU NU	* 100,000 		
Research and Education	5553	5/15/2017	Bacconer State Park Feasibility Study	The Missicupies Gulf Coast region has an experturity for an economic development project combining nature and wildlife education with frequies directions in the proposed project location is discussed? State PAR in Huards C Guardy, and would create a public-private partnership between local and state governments and the Audubon Nature Institute. Buccaneer State Park, which is located on the Mississippi Gulf Coast in Waveland, was devastited by Hurricane Katrinia in 2005, with all of the structures, waterpark and subport facilities completely destructure. Cade, the Park has been beautifully restored. It is in a natural setting of large most-draped oaks, markhands and the Gulf of Mesco. The Park offers Buccaneer Bay, e 8.5 are na agrass (Hed overlooking the Gulf of Mesico. The Park is centrally located to matching building and the structures waterpark in parket. Subproved the State State Park in Hundres Hause and a grass (Hed overlooking the Gulf of Mesico. The Park is centrally located to major population centers in Missispip, Alabama and Louislana and state and federal Inghway systems. The Audubon Nature Institute has asucessful tack record and currently owns and/or operates several educational and family destination. A park of this magnitude will generate jobs and income for the Missispip and In particular the Missispip Gulf Coast. The Audubon Nature Institute has asucessful tack record and norme to the Missispip and In particular the Missispip Gulf Coast. To move forward with the institute conduce such as the beaches, casinos, finghunding, and Bogolitarito. The park coal thenhance the estitute thas a sucessful tack the State of Missispip, and In particular the Missispip Gulf Coast. To move forward with exploing this poportunity, to develop Buccaneer State Park in the Audubon take to the dissispip Gulf Coast. To move forward with exploing this poportunity, the Missispip Audubon Haure testifiest and public participation, would include an analysis of the park needs (such as recreational and educat	Hancock	Yes	No	No	Yes	No	No	No	Yes	\$ 400,000.00	\$ -	
Research and Education	5560	5/16/2017	Paccagoula River Scenic Trail	Water trails are marked noutes on navigable waterways such as rivers, typically for people using small non-motorized boats, such as kayaks and cances. Criginally created by environmentalists and conversationalists to encourage environmental awareness, they have evolved to be receitation in a sub-receitation of the sub-receitation of the sub- matching of the sub-relation of the sub-relation of the sub-relation of the sub-relation of the sub- port tunities by extabilishing and developing a scient water trail along the Pacagoula Niker. This science water trait will bring sub-relation to communities along the river in a lacking. The sub-relation have the sub-relation of the sub- sub-relation of the sub-relation of the sub-relation of the sub-relation of the sub- tion of the sub-relation of the sub-relation of the sub-relation of the sub- have sub-relation of the sub-relation of the sub-relation of the sub- colution of the sub-relation of the sub-relation of the sub-relation of the sub- and sub-relation of the sub-relation of the sub-relation of the sub- relation of the sub-relation of the sub-relation of the sub-relation of the sub- net and highly land, pacific and sub-relation of the sub-relation of the sub-relation of the sub- matic and higher education and health levels than communities that do not provide arcential sub-relations. Increase gade levels that ower have relations are relation of the sub-relation of the sub-r	Jackson	Yes	No	Yes	Yes	Yes	No	Yes	70 Yes	\$ 3,000,000.00	\$ -	

Research and	5592	6/22/2017	Restoration in Place	NOAA Project ID#13059: The Deepwater Horizon (DWH) incident in the northern Gulf of Mexico (GOM) occurred on April 20,		Vor	No	No	Vor	No	Vor	No	No	1	\$ 52,000,000.00	c	-
feiset (Lanu Education	3332	0,23,222	Stateg for the Res Stateg for the Res Stateget methods in an term Monitoring to Support Restoration Efforts	2010 at a water depth of 1325 meters, in Mississippi Canyon Block 322, releasing an estimated 3.19 million barrels of olicer Mi Bolowing 87 days. A pair of the Nature Resource Damge Assessment (NRO) process, a study comprising three field surveys (2010, 2011, and 2014) was conducted to identify effects of the split on the deep-ses, soft-bottom benthos and sediment quality. Results researed a zone of texes to moderate impacts on biodiversity linked to the DWH where a moderation and effective care to moderate impacts on biodiversity linked to the DWH where a study constrained the sediment of the study of the study of the study of the split on the deep sea, soft observations of the split on the study of the study			NU		TES .		16	au de la companya de			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	9 -	
Research and Education	5619	6/27/2017	Phase II Land Acquisition for expansion of Grand Bay WKR, RER, Grand Bay Proserve, and Graveline Bay Preserve	This effort seeks to permanently ported lands identified by the US Final and Wilelfe Service and the State of Mississippi as critical for acquisition and (on-term management at both Grand Bay and Gravelle Bay. This project will add approximately L679 acres to the 20,000- acres currently cowed and managed by the USTWS and the State of Mississippi at Grand Bay and Graveline Bay. This acquisition will add critical costal lands to the Grand Bay MOY/HERR/Freesvers and the Graveline Bay Preserve for permanent protection and improved management of costal wetlands, as well as important adjacent uplicad area. The Grand Bay MAN/HERR protects on of the last expanses of well pina summa habita in the course of the supersol on and conversion to pine plantation, less than 5% of the original acreage of this habitat system emains- making to ore of the most endangerie dcosystem in the course, because of the grave biological significance of this area, Its important to continue to expand the protection of both core and buffer areas, while enhancing management capabilities. The Graveline Bay parcels includes seval mass of true uplicat that could be lost to resolve the Graveline Bay (nucleu espand the manates. Aloo, a number of migratory species utilites the habitat systems, bays and Bayous. Federally threatened and endangered species that cours at the Graveline Bay include special resolve and an ediagement and svaluolos, Balls. Phores, Sandpilers and Phalinopes, and Guis and terms, along with many different neo-tropical species. This acreage aloo provides sait markly estuarine habitats for many aquatic species for doring the Maxima and Swallows. Balls in 6 discussions with the landowner regrading acquaision of protected lands at Gravel Bay and Graveline. Bay will also expand public recreational access, research, education, and training opportunities in this unique coarsatal environment. The Comerenation Full at the landowner regrading acquaision of these tracts and anticipates that the project could be completed im	Jackson	Yes	No	No	Yes	No	Yes	No	No		\$ 4,905,000.00	Ş -	Land Acquis
Research and Education	5631	7/6/2017	Designation of DeSido and Mississippi Canyons as Marine Protected Areas	NOA Project 101303: Doctation and Mississippi Carynon provide important Isbatts for Brydolf-"'s whates and grown whate; di Brydolf-" whates inhabits Doctatio Carynon and adjacent continential slipe waters estending rest and south of the Carynon, and Brydolf-"'s whates inhabits Doctation Carynon and Adjacent continential slipe waters estending rest and south of the Carynon, and Brydolf-"'s whates are the only regularly occurring balance whate in the Guilf Receil and Wiccos 214, Receil et al. 2016. The and Brydolf-"'s whates are the only regularly occurring balance whate in the Guilf Receil and Wiccos 214, Receil et al. 2016. The arcthere Guilf of Marcino Stock of sperm whate site slow of the Guilf and Wiccos 214, Receil et al. 2016. The ordifore waters of the Guilf, but the Mississippi Carynor regressits an important effecting area (Doctar) Carynon was subject to interes and prolonged oiling below and at the surface during the spill (Stout et al. 2015). Defer ammer anamatis Yound regularity or cocsionally in these areas include Atlants spotted dophins, Biainvilled ^{RMS} balance, Carwolf Receil and Doctar 2015 and 2016 and		Yes	No	No	No	No	Yes	No	No		\$ -	Ş -	
Research and Education	5654	7/18/2017	Comprehensive stewardhip of breeding witherhick accoss barrier and nearthore stands in the off (Alabama &C Texas)	a intige marge of system ² , whaten in the instrume out in Mexico Intangetes Species Networks 2, and	Harrison County,M obile County,Je fferson Parish,Gal Yeston County,C ameron County,C ameron County	Yes	No	No	No	No	Yes	NO	No		\$ 10,000,000.00	Ş -	

Research and Education	5659		High Resolution Mapping of mesophotic Reefs in the Gulf of Mexico	NDA Project IDI 3330: Understanding the detailed quality, exantity and spatial distribution of marine habitats enhances currently funders and marine theorem control of the source activities to support sustainability, conduct restoration and maintain system function. Maps have a wide range of applications in management, planning, policy, research and restoration. Prior to DWH, may object the source and the source of the		Yes	No	No	No	No	No	Yes	No	\$ 5,000,000.00	<i><i>а</i>и<i>н</i> на <i>а</i></i>	
Research and Education	5662	7/21/2017	Mesophotic reef habitat enhancement.	NDAP roject IDH3339: The 2010 Deepwater Horizon (DWH) of spill the GuT of Mexico (GDM) is one of the larger industrix accients ever to occur in US waters. Lettenive decontimition activities, Inderes: douxer, molitation of environmental assessment resources, and restoration efforts also make this one of the most costly accidents in US history. The UWH of spill inspitcel key deepered fish Accientifical/Bacjecis; onguinge lass, Pronotogrammis martinicessi, and tattle; Seraruus phoetbe, but almost nothing is known about possible long term effects and possible recovery. In addition there are several other important commercially and receivationally valuable species that were also affected (red sargener, vermilion napper, greater ambergick, gag, and scamp) that reside on these deep water metficibles by substantially increasing reef habitat through a large artificial red deployment program, and provide a robust assessment of the effectiveness of this habitat hancement effort. One of the most pomising approaches to multigate the reduction in reef fishes caused by th DMH of spill event is to increase habitat for ecologically and commercially important reef fish species through an extensive and fectova artifician efforgings. Such there have been five attributes at auch enhancements of deeper water mospholic reef habitats. This project will make a restorable fisher have babe and the real habitat by adding an unprecedented number (Spal) call of Mexicos and the effects of engragm. Therefore, the habitat brancement of not post promoting of auch market by adding number effective reliand to the Mexicos of any gave artificial reef program. There are habitats by adding number effective reliand influence on the effectiveness of any gave artificial reef program. Therefore the habitat thancement of this project will be application on a gave and addition to the Water effective of engraging on a number of costing nutrition (adding nutrition) addition protein will be accomplicity dutitione betweenest on the barget industry, fisticated	2	Yes	No	No	No	No	Yes	Yes	No	\$ 9,700,000.00	Ş -	
Research and Education	5663	7/21/2017	Restoration of Mesophotic and Deep Sea Reefs using novel method, and maximum cost efficiency	NOA Project IDH3245: Dees sea and mesiphotic reefs were negatively impacted by the DWH spill. Restoring populations of coreal, and other important fish habitast structure forming benchic fauna is a maxie undertaking, given the geographic area to be restored in the deep sea. Reef restoration using coral transplants, artificial structures, or both has been attempted in tropica, fullablow reefs with limited success. Coll estoration in the deep sea, or mesopholic zones presents even greater challenges, and posterial costs, because of the inaccessibility and equipment required to work in the 59-1000 meter safloors. In order to overcome these challenges, and maximize the potential impact of or restoration costs, new technologies need to be developed and implemented, from site selection and transplanting, to ligistic, and an omoltoring. Coramy is a patent pending technology that integrates artificial rest structures, which are non-tock, and can replace hundreds, or even thousands of coris within a week of ship time. The artificial rest structures are seeded with corial transplants and are less likely for polyations. The artificial rest structures are seeded with corial transplants and are less likely to be assiloor fully ages than other artificial rest structures. Structures are used with corial transplants and are less likely to be assiloor fully gain than other artificial rest structures. Structures are used with corial transplants, and are lowered to the safloor and a shall cared. Project scope is thinted to restoration of populations of oral which were impacted by DWH spill over area with specially sensitive and valuable fish populations. Please contact for more details and methods. Date Entered: May 15, 2017	20	Yes	No	No	No	No	Yes	Yes	No	\$ 3,260,000.00	Ş -	
Reserch and Education	5676	7/24/2017	Deer sland IV, Habitat Restoration Project, Deer Island Multi Asset Restoration Project Area	IDAA Project IDF13100 ->>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	Jackson County	Yes	No	No	No	No	Yes	No	No	\$ \$0,000,000,00	\$ -	

Research and	5735		Marine Mammal												500.000.00		
Education			Conservation Print Ads in Tourism & Trade Magazines	NOA Project IDF1373: First ask in tourism magazines can sometime be effective in reaching large audiences with the desire to interact with mainer mammal in the will. Unfortunately, magazines offering discounted or probotion of space usually means small ask in the back of a magazine that will most likely be overlooked. This project includes funding a contract with a marketing agency to produce and coordinate full of half page color ask with permuliin locations within the dourism and trade magazine that are widely distributed throughout Texas, Louisian, Mississippi, Alabama, and Florida. Large colorful ads would attract readers and ensure these important messages are conveyed to target audiences. By choosing tourism and space magazines to reach target audiences, this project will: -Reduce injury and mortality to bottlenes dophins from hook-and-line fishing gear by equating fishemena about ways to avoid interactions with the about and book hand is would attract readers in the submet in the submet and the appropriate and provide them with Dophin Friendly Fahing TipsIncrease bottlenesis dophin survival though better understanding of cause of lines and death as well as early effection and intervention of anthropage and natural threads because this audience would know to he log a stranded, injuried or entangled marke mammal and to resport these animals to the appropriate stranding network immediately - Reduce that nonferstand the harm and consequence of these active. They will have how to negative that are approx of harasoment and also have to responsibly view dophins in the wild - Reduce injury and mortality of market mammals approx of harasoment and also have to responsibly view dophins in the wild - Reduce injury and mortality of market nonodul vessel strikes. Date Entered: May 22, 2017		TE	NO	NO	NO	NO	TES	TE	NO	>		ş -	
Research and Education	5736	8/16/2017	Protect Wild Dolphin Billboards	NOAP roject IDF1374: This project will reduce injury, harm, and mortality to bottienose dolphins by reducing illegal leding and harassmert activities because residents and visitors would become aware that these activities are harmful and illegal. Billboards would be used to reach large audiences with important educational messages on highly traveled roads taken by residents and visitors to coastal areas throughout Tests, coloxiana, Mississiga, Mabama, and Friorka. Billboard avertisements have the largest impact on the gratest number of people and are the most cost effective method for reaching target audiences. This project includes design, print, instal, and rent for media space for billboards. Billboard avertisements de determined by Artific patterns and distance to popular costal area where illegal feeding and harassing wild dolphins. Locations of 20 billboards cost. Billboards will be maintained in these 20 locations for 2 years to ensure constant and consistent educational message in a a cost effective manner. Date Entered: May 22, 2017		Yes	No	No	No	No	Yes	Yes	No	\$	530,000.00	\$ -	
Research and Education	5738	8/16/2017	Marine Mammal Aerial Outreach Banners	NOA Project IDF1371: The use of aerail barners (small plane pulling long barner) to relay important educational messages to target audiners has proven an effective outreach too; harmers can be used to olcarate back-goes and motoitez 48 a non- mototized (jet skis, surfes, paddle boarders, etc.) vessel operators about presence of marine mammals and laws protecting and harssmert activities because target audiences will become aware that these activities are harmful and illegal. The project may able ordex individual and used and the message "Doafs" freed wild Dophins, tarks" allegal" to presence of whates and way to avoid vessels strikes. A barner with the message "Doafs" freed wild Dophins, tarks" allegal" tab been flow or access where the harmed and fillegal dophin interaction is known to cour bud allo in areas where there are backets and other pack easions. Barners have also been used when whates are stored to barbars and on a marks where there are tarks and other pack easions. Barners have also been used when whates are store, close to shore and in areas where there are tarks and other pack easions. Barners have also been used when whates are store, close to shore and in areas where there are tarks and other pack easions. Barners have also been used when whates are store, close to shore and in areas where there are closed areas three the barners and haracsmert. This project involves firing aerial outreach barners in 10 costal areas through to avoid vessel strikes and haracsmert. This project involves firing aerial activacies haracsmers in the costal areas three the barners will because people below to make them aware that these activities are harmful and ingeal. Barners will be flow on 10 days eick by people roicstor, season, historic torism numbers, and events will be considered when choosing which days the banners are flown. Banners would also the lown at times, when other marine marmals (e. orcas hystel's "whates) are serven it hand tacif light distances from shore and an areas where westes are		Yes	No	No	No	No	Yes	Yes	No	\$	180,000.00	ş -	
Research and Education	5747	8/17/2017	Hgh Resolution Multibeam Mapping and mesophotic and deparate coals in northern GOM	NOAA Project DB13683: Multibeam mapping and groundruthing of safibor features are critical steps in understanding and protecting Biological resources with a marine habitat. These data are crucial for managers and gencies to take steps to the steps to the steps to		Yes	No	No	No	No	Yes	Yes	No	\$	5,000,000.00	\$ -	
Research and Education	5750	10/16/2017	MOMP Remote Setting Facility	The opter industry is an integral part of the Mississip Gull Cast &F is economy, its history and its culture. The opter industry has sitted opretly because of several natural and mennade distances ince 2000, including Hirricane Kultra, the BP OI Spill and three separate operings of the Bonnet Care Spillway (2008, 2011 and 2016), in 2004, opter fishermen in Mississippi harvested. Gov. Phil Bryant created the Governade"'s Opter Council on Restoration and Resillency in 2015 to address the problems this industry faces and to come up with solutions. One of those solutions is a remote setting facility at the eart of Gullport. This facility would be proposed for the production of the anti-optic and spin setting facility at the eart of Gullport. This facility would asis in increasing the production of the natural oxyter refs along the Mississippi harvested. Gov. Phil Bryan created the Governade"'s Opter Council on Restoration and Resillency in 2015 to address the problems this industry faces and to come up with solutions. One of those solutions is a remote setting facility at the eart of Gullport. This facility would asing the conducted to evaluate and document refstorations. If awarded, the MDMR has the resources, procedures and personnel to implement, MDM manage and operate all egic-acie remote set operation to help increase the production of the natural refs. The proposed facility would allow MDMR to increase the anound of spit (price are neglication of the natural refs. The proposed facility would allow for the planning, construction; part antibies the resources that is atteched to include the spit of the spit of the solution of the natural refs. The proposed facility would allow for the planning construction; part the resource to attach usually shell, cruhed evaluate and spit of the spit of the production from than Larget production. Benne setting is a production as a result of over harvesting, publicity spit and the planning construction or spit antibie obsection anot (1111111111111111111111111111111	Harrison	Yes	Yes	No	No	Yes	Yes	No	Yes	S	9,360,000.00	Ş -	

Research and Education	5767	2/25/2018	Seafood Traceability and Tagging Program	The Mississippi Commercial Fisheries United, inc. proposes for funding a Mississippi Seafood Traceability and Tagging Program. This program would provide an electronic platform (i.e.; surar phone, table), and computer) and physical tags for commercial fishermen to improve domestic seafood traceability and hep to eliminate fraud in the seafood industry. The neef or this program arises from the prevalence of illegal and unreported seafood sales that undercurrent honest and legal seadood harvesters and businesses. This program would provide electronic reporting and tagging capabilities for commercially harvested marine species such as specied et trust, refin, flounder, shrinp, blue crabs, and oysters. Similar program have been implemented in federal fisheries with great success. In addition to eliminating fraud in the local seadood marketplace; this program would hep promote domestically capatit seadood and provide a story to the hub, now, and when the seadood was caught. This program would also hep for increase the value of MississippiG*S commercially harvested seadood. Funds would be used to create a smart phone propring application and purches applicat lass, Funds would also be regular to employ manages of the program. And conduct outreach to fishermen. An incentive base program is suggested to encourse participation in the program.	Hancock, ackson,H arrison	J Yes	Yes	Yes	Yes	Yes	No	No		Yes	\$ 1,000,000.00	***	
Research and Education	5768	2/25/2018	Off-Bottom Oyster Aquaculture Advancement & Investment Program	The Mussissippi Commercial Fibieries United, inc. proposes for funding a Mussissippi Off-Battom Oyter Aquacuture Advancement is investment Program. Off-Bottom cystre aquacuture has been pronen successful in surrounding states and is currently pending permit approval in Mussissippi territorial waters. This program would help establish a cooperative for potential off-Bottom cyster famers and investment capital to help ump start the off-Bottom cyster aquacuture industry in Mussissippi The program would also help to increase Mississippi overall cyster production and provide stimulus to MississippiAt ⁴⁴ 's castal economy. Currently, obtaining sufficient investment capital is a barrier to entry in the off-Bottom cyster aquaculture industry. Preliminary estimates place the cost of entry into the industry at about 550,000 per acre. The program proposed would give traditional cyster harvesters and cyster industry members priority to access funds that could be used to establish private off-Bottom cyster famers, and cyster industry members priority to access funds that could be used to establish private off-Bottom cyster famers.	Hancock, ackson,H I arrison	J Yes	Yes	Yes	Yes	Yes	Yes	No		Yes	\$ 10,000,000.00	Ş -	
Research and Education	5774	2/25/2018	Marine Debris and Derelict Trap Removal Incentive Program	The Mississippi Commercial Tribleries United, Inc. proposes the Mississippi Deniclt Marine Debris and Trag Removal Incontex Program. Smill program Share proven to be successful in removing mania debris and denicit carbit trags throughout the Mississippi Sound. The difference in this program and previous program is that this program proposes to utilize both commercial trappers and commercial infringents to remove and properly dispose of marine debris and denict carb) (Jobare trags. Commercial shrimpers offene excellent carbit and program dispose of marine debris and denict carb) (Jobare trags. Commercial shrimpers offene excellent carb trags in the inshore waters of the Mississippi Sound and lobster (Jobare Trags. Commercial shrimpers offene excellent carb trags in the inshore waters of the Mississippi Sound and lobster (Jobare Trags. Commercial shrimpers offene excellent carb trags in the inshore waters of the Mississippi Sound and lobster (Jobare Trags. Commercial shrimpers offene excellent carb trags in the inshore waters of the Mississippi Sound and lobster (Jobare debris and hereits carb and lob teller reflexe deficit trags in and and the trags. The program seeks to incentivize the proper disposal of marine debris and derelict trags that are incidentally caught to help reduce the overall mass of marine debris in the Guif of Mexico and coastal waters. Additionally, trag Tahemere would be would be paid to legably licensies display the line of the proceed excellent trags on and beins. Anominal tabend would be paid to legably licensies display to another trags.	Hancock, ackson,H arrison	J Yes	Yes	No	No	No	Yes	Yes		Yes	\$ 2,000,000.00	Ş -	
Research and Education	5779	4/16/2018	Marketing Mississippi Seafood	The MS Department of Marine Resources is required by state statute to market seafood caught in the Gulf of Mexico and the Massispip Sound. The agency's primary responsibility is to promote the sale and use of while caught Gulf seafood to consumers dealers, processon and restatural rewark/beht, MS Seafood is a program whitm the Department of Marine Resources and reaches out to various user groups in a variety of ways. The program sponsors seafood festivals, cooking events and contest in dreader to educate the public and users of the importance of purchasing, selling and consuming wild-caught Gulf seafood. These events are held throughout the state of Massissippi and in the Southeast region. When consumers buy local seafood, it benefits our fisherme, seadod dealers and processor, which is beneficial to our local actate economics. With this grant, MDMR is proposing to use 5100,000 each year for three years in order to achieve its goal of educating all groups about the benefits of uning local seafood. The agency will achieve this through sponsorships and events that educate the public about the importance of buying wild-caught Gulf seafood.	Harrison	Yes	Yes	No	No	No	No	No		Yes	\$ 300,000.00	Ş -	
Research and Education	5780	5/21/2018	Ocean Springs High School Aquaculture Expansion	This project will be based on the addition of two fully equiped greenhouses at Ocean Spring High Action. If yadding these mey prenhouses, Ocean Spring High School (OSH) will be able to increase the multime of students who take aquaculture classes at OSH5, and I will also successfully maintain the program for 3-4 years. This past year, 83 students signed up to take Aquaculture. A the current size, full capacity 16 as 5 students (Eight ecc) and Students signed up to take Addition of two new greenhouses would give each class its own building. This would increase class sizes from 18 students to a students in each class for a total of 75 students per years. These students will be trained and graduate with work force skills in aquaculture, water quality, and any maine fisheries job that may become available. The program also focuses on eco- restoration. In the pat, the program has fised, oyters, blue crabs, schedel true, tilapia and stinger bass. The oysters, blue crabs and speckied truot were released in the Mississipal Sound. With the addition of the greenhouses, other species will be calculated to be induced in the program. The greenhouse are also used in collaboration with indegratem and fourth grade students as they come to the thy's school and learn systems with planting and raising fish. Students there grow these plants in mailer greenhouses and as what is grown in addition to the greenhouses, and be project to the special declustion department. This greenhouse will be used by their students to grow vegetables and other resources to use in their classes.	Jackson	Yes	Yes	No	No	Yes	Yes	Yes	17	No	\$ 290,000.00	s -	
Research and Education	5788		Cedar Lake Island Land Protection	The Land Trust for the Mississip Casatel Pikin (LTMCP) is an according Land Trust dedicated to the conservation, promotion, and protection of open spaces and group palesc of exclusing (Junuir), or scores significance in the conservation the Mississippi Casatel Pikin. LTMCP utilities both fee simple and conservation easement tools in conserving land for the beneft of habitas, paceles, and recreation. These parcels consist of approximately 6 areas of forested shuthow testing. At 28 areas of estuarine and manine wetland habitat that borders both sides of the Tchoutzabouffa River. Protects on of these upstream lands is vital to the water quality and ension control downiver and in the Mississippi could. LTMCP protects and manager 49.71 a cress adjacent to the Cedar Lake Eduard Land Protection project. Ecological Value: Protects properties as a buffer area for stom surge by providing dipersitiand displanement in the event of flooding waters. These fooding waters have a natural function of turnover and fluxhing of coatal wetlands. Protects areas that provide clean water for Guora anatural resources further down the watershed. Provides valuable bhaltar for a value valuer of plants and mining nature to the Mississippi coatal Opportunities for low impact recreational activities such as bidwarting and other widifie observation, fishing, and kayaking – Creates open pages that provide areas for people to witness and lean about their natural environment. Aids in creating a continuous corridor along the Tchoutzabouffa River	Harrison	Yes	No	No	Yes	No	Yes	No		No	\$ -		4 Acquisition
Research and Education	5790	7/11/2018	Tchoutacabouffa River Land Protection	The Land Trust for the Massisspip Costal Plan (LTMCP) is an accredited Land Trust dedicated to the conservation, promotion, and protection of open spaces and green places of eotogical, cultural, or scencer significance in the countes of the Massisspip Costal Plan. LTMCP utilities both fee simple and conservation easement tools in conserving land for the benefit of habitat, species, and recreation. This parcel consists of approximately 25.8 acres of ferevisate frosted weaking and the space costapia and Tuxachanic Creek and the state of the state	Harrison	Yes	No	No	Yes	No	Yes	No		No	ş -	\$ - Lanc	d Acquisition

Research and Education	5796	8/6/2018	Phase 2 Land Acquisition for expansion of Grand Bay National Wildlife Refuge and National Estance Research Reserve	This effort seeks to permanently protect lands identified by the U.S. Trish and Wildlife Service and the State of Mississippi a critical for acquisition and long-term management by the Grand Buy National Wildle Herelege (NWR) and Grand Bay National Estuarine Research Reserve (NERR). This project will ada dynamic by LGGB acress to the nearly LSGD acress currently ones by the U.S. Frain and Mildlife Service and the State of Mississippi a critical costal lands to the Grand Bay Wildlife Represent and the State of Mississippi L will add critical costal lands to the Grand Bay Wildlife Represent one the last acpanses of work time assume hashes that the country but for the supersession and conversion to pine plantation, less than 5% of the original acreage of this habitat system remains- making it one of the most costand bay Wildlife Service and the enhancing management capabilitis, The Regred L G&F - Acress consists of wet pine savonans, maritime forest, tidal and non-tidal wetlands, sait marshe, sating at manete, aday, a number of migratory species utilic ter the Critical Bay Wildlife Service and the Grand Bay Regred PLRF include the popher tortoine, sanchill crane, and the mantee. Alor, a number of migratory species utilics the habitats provide on this acreage for popher tortoines, canchill crane, and the mantee. Alor, a number of migratory species utilic ter the habitats provide on this acreage for portions of the life used wildlife Reservation is addition to protecting critical habitat and ecosystems, examining the fore alor savies, and wildlife services, and wildlife services in the current and ecosystems regularing the footprint of the Grand Bay NWW/NERR will also expand public recreation in addition to protecting critical habitat and ecosystems, examining the footprint for Grand Bay NWW/NERR will also expand public recreation in addition and protecting critical habitat and ecosystems. Resending the footprint of the Grand Bay NWW/NERR will also expand public recreation ind the sint term and enging t	Jackson, Mobile	Yes	No	No	Yes	No	Yes	No	No	ş .	ş -	Land Acquisi
Education	5798		Concreting and Extending Conservation Conducts in Costal Counties	The Land Trust for the Mississippi Coastal Plain (LTMCP) is a nationally accredited Land Trust dedicated to the conservation, promotion, and protection of open spaces and gene places of accological significance in Hancek, Hannoe, Jackon, George, Stone, and Pan Hev Coantes of the Mississippi Coastal Plain. LTMCP utilities both fee simple and conservation essentiated tools to target priority conservation lands for the benefit of coastal Mississippi habitats, species, and recreation. He gad of this project is to porvide fruiding to parchase individual parcel of and which may be notively small har acrege but are located in areas that have been identified as crucial to extending corridor, of existing conservation lands. The Land Trust has identified exerval lates that would expand have prosteromed by TMCP. The Mississippi Secretary of State 4%* Office, as well as the Mississippi Dearament for Marine Resources. These sites can be found on the Mississippi Deartment of furvionnental Calality*** potfal (wave corriers may: capical numbers 5438 Rockpard). The Mississippi Secretary of State 4%** Office, as well as the Mississippi Dearament for Marine Resources. These sites can be found on the Mississippi Deartment of furvionnental Calality************************************	Jackson,H arrison	Yes	No	No	Yes	No	Yes	No	No	\$ -		Land Acquist
Education			Kittinake Constal Conservation Area	Itemate conservation has been able to identify some acroge in Pasa Christian that appears usuable for coastal grader agreements. This property was parallally used a grad of the Camp Rithware, a cluturic and used inche 1930BCM, Ehne partially devoloped as a residential subdivision, Kittiwake, and for the Kittiwake Baptist Church. The remaining 12 acres has laid fallow for the past 0 years. Our neighborhood group, locosely organized as: Rittiwake Conservation, see the area being retained for its natural fallowing the acreage is semi-valued forest, and the hear to be and beach. The area presents tited is an area where in cell runof can be filtered naturally prior to reaching the Sound, reducing the number of beach closures in the area after heavy initial. Presently, the acreage is semi-valued forest, and then toe horns, acale, corper, 66, hochart, racoon, amadilla our Jabits. This property (11.8 acres) was recently purchased by an individual in 2017, and has expressed some interest in allowing the acreage to be used to devolue a vertex of devolues. The the and for the sub uses. Across 150 is the sand beach. This are has often been "closed" due to high bacterial count, particularly after heavy rainfall. This trac of land could be used to devolue a vertex of devolues and the the suffice water of sediment and poliutars prior to reaching the Sound, and some existing underground water routes: could be rerouted into the same system of swites. There are few intext land parcet available along Beach Bouleval that have not hearn through development, especially over the same stop wites of what updata mean implicit devolued to backer the some visitiant of development area. A parking area on each end would allow the visitor to parky the used land, school groups could grap an earlier time. This woodland/act can be used an outdoor school see exploring natural habits, bird intering and kering and earing along the the sufficient systems. These are just a few ideas for school, clus, scouling and tourids groups arealing area and can	Harrison	Yes	No	No	Yes	No	Yes	No	No	\$ 3,000,000.00	\$ -	Land Acquisi
Research and Education	5810		Restoration of Piping Plover and other overwintering shorebirds through reductions in anthropogenic stressors	NOA Project IDI 13873: The impact of habitat ioss on shorebids may be exacehated by disturbance from human recreational use, which further reduces the amount of costal habitat that is functionally available. This can have consequences for the condition of individual birds or for population processes, both of which should be considered in strategies to reduce conflict between shorebirds and recreational user of costal habitat. Dur objectives were to implement measures to mitigate the negative impacts from human recreational use, costal habitat modifications to Piping Piorey (Duradrius melodus) body condition and demography. Also applies to additional overwhineing bird species. The condition of these overwhiteing species may influence reproductive output, through cross-seasonal effects and areas that are heavily disturbed can result in reduced reproductive output from affected individuals (Gibson et al. 2018). July 31, 2018		Yes	No	No	No	No	Yes	No	No	\$ 2,000,000.00	Ş -	
Education			Trees Please Gulfport: Urban Forest for Clean Waters	In underedoped areas of the costs, rain is intercepted by trees and the rest saaks into the ground, fittering out pollution, but on the developed costs, buildings, parking lost, mask, and developmenteringenviss, unstracts, trees and oil no longer ison the rainfail and filter the water. The resulting stormwater instead picks up introgen and phosphorus pollutants. It flows rapidly into bayous, beaches, and Mississippi Sourd via some dans. The results include beach closures, optier contamistico, and fish lisfis. This project would increase urban forestry-trees and soli-in the city landcape. Trees and solid ecrease polluted stormwater runoff (Including GI, pet waste, and fertilizer). This increases water quality for recreation, oxysters, and fish on the Mississippi Guif Coast.	Harrison	Yes	No	No	Yes	No	Yes	Yes	Yes	\$ 1,000,000.00		
Research and Education	5822	8/10/2018	Trees Please Biloxi: Urban Forest for Clean Waters	In underedped areas of the coast, rain is intercepted by trees and the rest scaks into the ground, fittering out pollution. But on the developed coast, buildings, parking lost, roads, and there impervious surfaces, trees and soin longer slow the rainfall and filter the water. The resulting stormwater instead picks up nitregen and phosphorus pollutants. It flows rapidly into bayous, beaches, Biloxi Bay, and Mississips Dout via storm dination. The results include beach douxes, optical beach douxes, optical beach douxes, optical beach douxes, be	Harrison,J ackson	Yes	No	No	Yes	No	Yes	Yes	Yes	\$ 1,000,000.00	ş -	

Research and Education			Trees Please Pascagoula: Urban Forest for Clean Waters	In undeveloped areas of the cost, rain is intercepted by trees and the rest soaks into the ground, filtering out pollution. But on the developed cost, buildings, parking lost, mads, and other impervious surfaces, trees and soil no longer dow the rainfall and filter the water. The resulting stormwater instead picks up nitrogen and phosphorus pollutans. It flows rapidly into bayous, baches, Parcagoula River, and the Mississipp Sound via storm drains. The results include beach docurre, syster contaminaton, and tish tills. This project would increase urban forestry-trees and soil—in the city landscape. Trees and soil decrease polluted stormwater rundf (including oil, pet waste, and firtilizer). This increases water quality for recreation, oysters, and fish on the Mississipp Call Coast.		Yes	No	No	Yes	No	Yes	Yes	Ye	25	\$ 1,000,00		
Research and Education	5829	8/10/2018	Trees Please Bay St. Louis	In undereloped areas of the coast, rain is intercepted by trees and the rest scale into the ground, fittering out pollution. But on the developed coast, tubilings, parking lock, roads, and text-improvious strates, trees and soil no longer slow the rainfail and fitter the water. The resulting stormwater instead picks up nitrogen and phosphorus pollutants. It flows rapidly into bayous, bacches, St. Louis Bay, and Mississippi Sound via storm drains. The results include beach closures, oyster contamination, and §ah kils. This project would increase urban forestry-trees and scal—In the rily lankscape. Trees and soil decrease polluted stormwater nunof (including oil, pet waste, and fertilizer). This increases water quality for recreation, oysters, and fish on the Mississippi Guid Coast.	Hancock, Harrison	Yes	No	No	Yes	No	Yes	Yes	Ye	25	\$ 1,000,00	0.00 \$	
Research and Education	5845	8/13/2018	Cat Island Visitor Access Facilities	NOA Project IDN1384' Vibror access to the KPS part of Cat Island along the north shore is difficult. The water is very shallow and boaters have a canchor their boat of fishbre and walk in to the shoreline; this to than inconcentee to visitors and injurious to the nearchore benthos; fiftom boat hull and propeller scara and also footprints'. Once onshore, there are no established traits in interpretive wayside whiths. This project would '1 construct a 600 ⁴ -footprints'. Denormalizes the adjacent to a previous WWII military pars the at Cat Island to provide vassal access to the north shore of the Island (the plair is accessible by an old military coad that connects to an interior road system maintained by the park service); 21 docking facilities at the end of the historic use of Cat Island as a military dog training camp. Date: Aug 8, 2018	Harrison County	Yes	No	No	No	No	No	Yes	No	0	\$ 3,650,00	0.00 \$	
Research and Education	5850	9/7/2018	BSL Downtown Amphitheater	The City of Bay Saint Louis would be an ideal location for an open-air amphitheater. The venue could be used for enterfairment, musical performances, and local festivais. The amphitheater could also be utilized by city schools and local community organizations. An amphitheater in downtown Bay Saint Louis would be an asset and an economic benefit for the whole community.	Hancock	Yes	No	No	Yes	No	No	Yes	Ye	25	\$ 2,000,00	0.00 \$	
Research and Education	5855	10/25/2018	William Carey University College of Osteopathic Medicine at Tradition	William Carey University is a private, non-profit university with an in-depth history in the State of Mississippi, dating back to 1892. William Carey University (William Carey) provides quality educational programs, which challenge the individual student to eace in scholarship, leadership, and exervice in a diverse global occety. William Carey has a vast amount of leaducational efforts path can be found in the following colleges and school: Carloged Health School School Of Music and Medicines that can be found in the following colleges and school: Carloged Health School School Of Music and Minory Subide, School of Natura and Letters, School of Busings, School of Education, School Of Music and Minory Subide, School of Natura and Behavional Scenec, School of Rusing and School Of Pammarg. William Carey Mars, Tradition Campus, which operand in the fail of 2000, affest majors in ant, business administration, elementary school of Pharmacy/Err, completed construction and Its insugural class of 51 tuberts admittaine, the meant acadering of 2014. School of Natura and School of Pharmarg, which operand in the fail of 2000, affest majors in ant, business administration, elementary accelerated Doctor of Pharmacy program with an innovative curciculum that provides students university offers a therey war accelerated Doctor of Pharmacy program with an innovative curciculum that provides students university and there was accelerated Doctor of Pharmacy program with an innovative curciculum that provides students with the knowledge and skillues in the sing of 2018, Southern Mississippi Planning and Development District commissioned Arduin, Laffer, and Moore Econometrics and the University of Southern Mississipsi, winversite, research institutions and Beathare Claster with the Tradition, Mississipätilt Bask on the proven theory that a cluster of healthare and baskene Research Claster and the university of 2018, Southern Mississippi Banning and Development District commissioned Arduin, Laffer, and Moore Econometris	r	Yes	No	No	No	Yes	No	Yes	83 Ye	55	\$ 60,000,00	3.00 \$	
Research and Education			Pearl River County Open Broadband Fiber Internet	creation engine for the region and the state. Objectives - Park Wer County Open Brandband Fiber Internet is an exploration of the economics and methods of providing open access high-speed broadband fiberoptic internet access to all of the county. Open access provides the fiberoptic infratructure while providing equal access to internet acress to all of the county. Open access provides the fiberoptic infratructure while providing equal access to internet acress to all of the county. Open access provides the fiberoptic infratructure while providing equal access to internet acress to all of the county. Open access provides the fiberoptic infratructure while providing equal access to internet acress to all one ordinary product. It is essential infrastructure installations are essentially infinitely wide thus only the electronics limit the speeds provided to the customers. There is little to no competition for affordable high-speed internet in the county if it is available is all. What is available is all where the another advection of the registration. Excession and unrealiable, all businesses and residents suffer. Nuch like theoremunicitos prices are to expensive or speed too allow and unreliable, all businesses and residents suffer. Nuch like threme. Communities that do not invest in their own next-generation networks will likely not see any significant broadband investment in the near future. Benefits - Benefits include encouraging economic terms. Lower prices for telearmunications services mean more money in household and business budgets, and new jobs and business expansions mean increased ta revenue for local governments. These benefits to economicity terms in on interscheref. A private company evaluate its success is some respects based on the amount of money that flows from the host community to distant investors, a public network maximizes the money left in the community. Activities & Grant funds will be using for while who fiberoptic in will be revende valuates its success. Expected Ouc	Pearl River County r	Yes	No	Yes	No	Yes	No	Yes	Ye		is \$ 500,00		
Research and Education	5866	1/14/2019	Manatee Rescue and Rehabilitaton Center in Mississippi	Although the West Indian manatee (Trichechus manatus) has historically ranged throughout the southeastern United States. Is recovering oppulations has resulted in an increased number of animals traveling throughout the costinatial waterways of Alabama, Mississippi, and Louisians. 2011. This is a vulnerable species requiring continued monitoring as well as rescue and rehabilitation exvices. Unfortunately, there are no facilities equipped to conduct rescue and rehabilitation of these animas. The institute for Marine Manned Studies is stategically located in costal al Mississippi and has a long and established history in marke maximal and sea turtle stranding response and rehabilitation Mississippi and has a long and established history in marke mannal and sea turtle stranding response and rehabilitation staff and veterinarians have the necessary experience, facilities, and capabilities to conduct rescues and rehabilitation activities within this region as well as coordinating with both state and federal agencies.	Harrison, Jackson, Hancock	Yes	No	No	No	No	Yes	Yes	10 No	o Rescue :	ani \$ 5,000,00	0.00 \$	

	Research and Education	5870		Tech Workforce	In the depoyment, physical installation and connection of a Gigbit Gulf Coast (Ber infrastructure tailor-made to meet the CoastAfe's numereds and requirements. In addition, McCCC proposes to construct a Centro of Exellence for Advanced Technology and offer high-tech workforce training to include Cybersecurity, Coding, Artificial Intelligence, and Yirual Reality, Mississipti Gulf Casta Community College (MCCCC) can play a unique role in helping to unify the disparate entities on the coast to accomplish these tasks. The broadband infrastructure of Mississippi has lingely been in the hands of giant businesses with agends that may not align accomplish these tasks. The broadband infrastructure of Mississippi has lingely been in the hands of giant businesses with agends that may not align accomplish these tasks. The broadband infrastructure of Mississippi has lingely been in the hands of giant businesses existing and accomplish these tasks. The broadband infrastructure of Mississippi has lingely these in the businesses with agends that may not align accustomers. Once acre opterm (is in place, this law outdid allow the electric Dayser cooperatives to take high-speed internet service to the rural areas through the Gulf Coast: region. By quickly buding a future-proof pure fiber network, a Gigbit Gulf accust can control and transform ts digital future. It wood bash as transport, detacton, health, utilities, and entrafinament, and jump-stratt new ways of doing business that can take full advantage of an increasingly virtualized global economy. A vibrant fiber infrastructure will introduce a new set of challenges for veryone in the Gulf Coast region. It would be myopic to create a Gigbit Giast without training the workforce alongistie this advancement to encourage innovation and protect businesies, organizations, and citaers. Objective 1: The physical institute so on the fiber and connection of the key sites. This activity will proceed in as little as one or wo vers with me deployment theology. Activiti	Harrison	Yes	No	No	No	Yes	No	res	15 Ves	\$26,000,000.00	5 -		
	Research and Education	5877	3/14/20:	9 Coastal Environment Land Protection		Harrison	Yes	Yes	Yes	Yes	No	Yes	No	Yes	\$ -	\$ -	and cquisitio	
New	Reserch and Education			19 Bilool Upotream and Downstream Storm Water Education and Community Engaged Green Infrastructure	In the storm drainage systems on the penisual have been or are being replaced, a situation that is positive as far as moving storm water. What is more, the construction work their fixed near the natural waterways due to increased situ running into the bayous from upperforeds. The time for the Biolog relationsials sight for a comprehensive commuti-yenaged stormwater management campaign that improves and creates both upstream and downstream green infrastructure. Upstream, the project will improve the quality and quantity of water that enters the storm drainage system with four related activities: 2.Borwingent development training and design resources for developers and city staff 4.B project will improve the display build under the storm drainage by the two related activities: 2.Borwingent development training and design resources for developers and city staff 4.B progenty owners small-grant program to do on-site and neighborhood scale green infrastructure projects. Downstream, the project will improve the quality and quantity that enters the marine environment with two related activities: 2.Borwingent development training and design resources for developers and city staff 4.B progret yowners small-grant program to do on-site and neighborhood scale green infrastructure projects. 2.Borwingent development training and leaping resources for developers and city staff 4.B storation and improvements of natural waterways that connect storm drainage to the Back Bay, especially Keegan Bayou and Bayou Auguste, which have been impacted most by the road construction work. 2.Bordination and leverging of on going and planned projects to bring green infrastructure planning and funds to install and marinational durations in the Galidopt School Students. For the past seven years GCCDS has developed and implemented education durates in the Galidopt School District. During the summer of 2017, CCCDS sceeded and ding through the National Marine Sanctuary Foundation in parteentship with MOAN to further modify the curriculum for a summ	Harrison	Yes	No	No	No	Yes	Yes	Yes	60 Yes	\$ 2,080,000.00			
New	Research and Education	5881	4/17/20:	9 Harbor Expansion Parking Area	Along the backfront, adjacent to the Gulfport hubbr, across from the upsconing Aquarium attractios, and with across to downtown's foot and beverage, gaming, and lodging, the area around Gulfport's Iones Park / Barksdue Pavilion has become the City's hub for tourism. With the expansion of recreational activities and tourism in this area, the City of Gulfport has an immediate need for additional parking. Compliance and activities, provide additional public access for self-additional provide visitors access to tourism, neo-tourism, and recreational activities, provide additional public access for residents and visitors to the beach and foling opportunities, and provide access to the educational benefits associated with the new aquarum. Ultimately this parking area will ensure inadequate parking will not stiffe Gulfport's booming economic development. This additional parking will complement the proposed expansion of the Gulfport Harbor. It is proposed at the southeast comer of 20th Arenue and U.S. Highway 90 and will be aphalt-paved and striped to match adjacent areas. Any end cap islands will be constructed with curb and gutter and landscaping commissions with the area will be added.	Harrison	Yes	Yes	No	Yes	Yes	No	Yes	75 Yes	\$ 2,000,000.00	\$ -		

							-		-	-			· · · ·						
New	Research and Education	5895	9/10/2019	Assessment, Restoration & Stewardship of INFINITY	The goal of this project is to conduct landscape-scale ecosystem restoration on the highly visible land surrounding the INFINITY Science Centerâ€"located adjacent to, and complementary to the goals of, the Mississippi Department of Marine Resource's	Hancock, St	Yes	No	No	Yes	No	No	No	ľ	No	\$	2,006,123.93	ş -	
				Land Holdings	Coastal Preservesâ€"and to couple that restoration with a robust educational program that raises awareness of the importance	Tammany	(
					of the health of our natural systems to our quality of life on the Gulf Coast.														
					The project, as proposed, has two primary components. The restoration component will serve to utilize a recently conducted														
					habitat assessment to implement an aggressive restoration plan, resulting in numerous ecosystem services benefits such as														
					improved water quality, connectivity with other adjacent restored parcels, flood and storm water runoff storage, significantly														
					enhanced vegetative diversity, a decrease in invasive species, higher quality wildlife habitat, and increased safety and security for INFINITY. The second, and equally important, component of the project is public education. We will create interactive														
					exhibits and a comprehensive education program for teachers, students and the general public that increases awareness of the														
					value of ecosystem restoration and promotes environmental stewardship. An outdoor classroom will be constructed in order to														
					get participants out into the actual restoration, maximizing the educational opportunity by providing a more immersive														
					experience.														
									_										
New	Research and Education	5901	4/30/2020	Enhancing Gulf Waters through Forested	Overview of Proposed Activity	Hancock, Stone,St	Yes	No	No	No	No	Yes	No	P	No	\$ 3	0,000,000.00	\$-	
	Luucation			Watershed Restoration	Background: The Gulf of Mexico's forests, when healthy, reduce sediment and nutrient yields, regulate surface water flows, and	Tammany													
					improve groundwater recharge relative to other land uses (Sun et al., 2004; Lockaby et al. 2013). They offer recreational	,Mobile,J													
						ackson,Fo rrest,Was													
						hington,H													
						arrison,G													
						eorge,Per rv.Pearl	r												
						ry,Peari River													
					quantity goal, but benefits will accrue in all goals. The focus is on protecting and restoring forests, including urban forests, in														
					priority watersheds in Alabama, Florida and Mississippi where the need is great, and Partners stand ready to assist and leverage														
					investments. The Program is a scalable, science-based approach implemented on public and private lands. It involves: •Eandowner outreach techniques that build upon and look to enhance existing tools and networks.														
					Econdinated delivery through State Forestry Agencies in Alabama, Florida, and Mississippi.														
					Executed recruitment of forest landowners in targeted watersheds.														
					Science-based decision support from the USDA Forest Service Southern Research Station who will use the Soil and Water Accorrect Table (SMAT) model and other data and table to inform priorities accorr and monitor emission integrated and inform														
					Assessment Tool (SWAT) model and other data and tools to inform priorities, assess and monitor project impacts, and inform adaptive-management decisions.														
					• Potentially using a portion of funding for an open and competitive Request for Proposals (RFP) to extend the reach of these														
					efforts and cultivate innovation.														
					Targeted alignment with other federal, state, and non-federal programs as a program multiplier to conduct similar work upstream of the RESTORE coastal area.														
					Bee of USDA practices and standards to ensure compliance with environmental and cultural resource requirements.														
					There are limited risks and uncertainties: private landowner willingness to participate can cause delays and require strategic														
New	Research and Education	5947	11/25/2020	PAWS (Pets and Wildlife) Exploratorium	HSSM is seeking funds to construct a new facility on their property, which will serve as an education and community event location. Set in a nature-inspired landscape, the PAWS Exploratorium will provide an aesthetically pleasing venue at the juncture	Harrison	Yes	No	Yes	Yes	Yes	No	Yes	90 Y	Yes	\$	1,123,500.00	******	
	Education			Exploratorium	of 28th Street and Highway 49 and we will also get with the Gulf Coast Restoration Initiative to create a nature trail in														
					conjunction with the new facility. This new area will focus on education and conservancy of all animals while also focusing on														
					the human component of humanity-which is already at the center core of HSSM's mission and ingrained culture related to														
					animal welfare and humanity.														
					This facility will provide an additional mission based attraction for families to visit while being complimentary to and not														
					competitive with surrounding aquatic organizations. The facility will feature live engaging exhibits with animals such as turtles,														
					snakes, opossums, raccoons, etc., enhanced interactive educational opportunities, children's activities, a small Re-Tail store, various nature trails for bird watching and a pollinator path. The Exploratorium will also be open and available to other animal														
					welfare organizations, such as Wild at Heart Rescue and Audubon MS and can be a destination for several local summer camps														
					such as the City of Gulfport Summer Camps and Lynn Meadows Vet Camp.														
					The facility will utilize existing HSSM land and will enhance current programs while also serving as a centrally located site for partner organizations. This new facility will perpetually support HSSM's lifesaving efforts and strive to educate the importance														
					of animal welfare, preservation, conservation and humanitarianism. We will seek guidance from top architect consulters that														
					have worked on tourist engaging projects in order to create an engaging and interactive experience for all attendees.														
					The requested funds would support design and construction plus year 1 operations and encourage ongoing fundraising. HSSM														
					plans to sustain PAWS by funneling Club Paw summer camp registration fees back into the program and by requesting														
					parent/teacher organizations to provide a small fee for students and charge additional adult fees for each tour/education														
					session as well as special event rental fees. Because of PAWS HWY 49 location-a major tourist access road- and its proximity to the Aquarium, we plan to partner with the Aquarium and possibly the institute for Marine Mammal Studies to offer joint														
					the Aquarium, we plan to partner with the Aquarium and possibly the institute for Marine Mammal Studies to offer joint tourism tickets. In addition, we will use our extensive individual & corporate donor network as we have an established														
					fundraising platform for our mission based initiative. We will also share trained HSSM staff with the new facility and														
					veterinarians are already in place and could partner with local community colleges such as MGCCC for workforce training and														
New	Research and Education	5952	11/30/2020	Nature-based Tourism with Increased Management		Harrison,J ackson.H	J Yes	No	No	Yes	No	Yes	No	N	No	\$	330,000.00	\$-	
	concation			Increased Management and Stewardship for Beach		ackson,H ancock													
				Nesting and Foraging	visitors. A 2017 study from Longwoods International found that 27% of overnight visitors and 25% of day-trippers visited the														
				Species	Mississippi Coast just to enjoy the beaches, far outranking the national norm. The beaches provide many different experiences														
					including fishing, jet-skiing, aqua cycling, and sailing for people to enjoy. Moreover, the beaches are adjacent to other amenities including continued development, casinos, shops, restaurants, bases for U.S. Armed Forces, universities, hospitals, and active														
					ports which offer a well-rounded holiday experience.														
					Just as these sandy oases attract visitors, they also provide essential habitat for beach-nesting and foraging species, including														
					colonial seabirds, solitary shorebirds, and marine turtles. These species compete for space with recreational beach visitors and negotiate with sources of disturbance including aforementioned recreational activities but also na ^X ve actions such as children														
					chasing birds or kite flying as well as allowing domesticated dogs off-leash which can destroy bird and turtle nests in a matter of														
					seconds. The permitted use of personal fireworks on the beaches on July 4th can flush breeding bird species off nests, exposing														
					eggs and chicks to the elements such as extreme heat as well as to predators. The unregulated shooting of fireworks can cause														
					possible abandonment, while also creating a dangerous environments for people attending festivities at the beach. Additionally, beach managers need to carefully balance efforts to clean the beach, which include the mechanized removal of														
					trash and debris for people's enjoyment, while still providing this unique habitat essential for the health of beach-dependent														
					species as well as the beach system itself. Maintenance equipment to keep the beaches clean can crush camouflaged bird eggs														
					or buried turtle eggs. Migrating birds depend on minimal disturbance to feed to replenish fat stores to make long hemispheric journeys each spring and fall. Abating disturbance in wildlife breeding areas can lead to increased hatching success and survival														
					journeys each spring and fail. Abating disturbance in wildlife breeding areas can lead to increased hatching success and survival of young birds and turtles. Moreover, many of Mississippi's beach-nesting species are global migrants, and it is important to														
					stress that actions locally can have global impacts.														
					Management of and tourism around beach-dependent species do not have to be mutually exclusive; however, management of these consists and to aviet to protect to prote														
					these species need to exist to protect resources, especially as other land uses, including recreation exist. Both around the globe and in the United States, nature-based tourism has garnered support for wildlife and habitats, but there is also increasing														
					documentation acknowledging the need for ongoing management as well. Building upon 2019's GOMESA grant, Nature-Based														
					Tourism with Increased Management and Stewardship for Beach-Nesting and Foraging Species, Audubon proposes a Phase II														

Development			Missiagin Irvasive Plant Congorgrass Erailclation Effort	(DRGINAL DB1538) Cogongrass (Imperata cylindrica) is an Imasive, non-native grass, which accurs in the southeastern United States. A pet in 75 acountries and considered to be one of the Top 10 Worth Weeks in the Work. Cogongrass is currently documented in C2 and the 2 acounties in Mossissippi and has been an externed serious provides in the Work. Cogongrass is currently documented in C2 of the 32 acounties in Mossissippi and has been an externed serious provides in the Work. Cogongrass is a currently documented in C2 of the 32 acounties in Mossissippi and has been an externed serious provides in the Work. Cogongrass and the Mossing and has been an externed serious provides and the Mossing and the Mossing and the Mossing and the Mosel Cagongrass and the Mossing and the Mosel Cagongrass and the Cagongrass and the Mossing and the Mossing and the Mosel Cagongrass in the Mossing and the Mosel Cagongrass and the Mosel Cagongrass and the Mosel Cagongrass and the Mosel Mosel Cagongrass and the Cagongrass and the Mosel Cagongrass and the Immer Park endower for a Canado Sife confidence of the AC acuted we colved to thirthy in Sile Caconder to the Sile Acuted Mosel Cagongrass and the Immer Mosel Cagongrass and the Immer Mosel Cagongrass and the Immer Mosel Cagongrass in the Mosel Mosel Mosel Cagongrass and the Immer Mosel Cagongrass in the Mosel Mosel Calouration of South Mississippi. It competes with all species of Immer producing trees for notherists and where, thereby reducing financial forestry growth rate. Streed more the Mosel Caude Sile Caude Cagongrass is and patient to the Mosel Sile Caude Sile Caude Sile Caude Caude Sile C	2	I Yes	Yes	No		Yes	Yes	No	Yes	Yes	\$ 10,000,000 00			
Workforce	1665		North Gulfport Sewer	cost prohibitive for many landowners to fund treatment. All of the funding for this project will be used to fund treatment pograms in Hancok, Harrison and Lakons Counties, MS, We will treat the small posts using MFC personnel. For larger areas, we will schedule treatments by contract vendor. An extensive database will be maintained, along with GIS shape files, of all infestations mapped and treated. In December of 1993, the City of Gulfport annexed 33 square miles north of its then current limits making it the second largest		Yes	No	Yes	100	Yes	No	No	No	No	\$ 5,200,000.00	ş -		
Development			Expansion	city in Mississipi. As with any annexation, the City has since worked on incorporating private infrastructure into its public system. This infrastructure project consists of adding sever service to 17 different areas encompassing over three square miles in northern portions of the City still on private sever and septe systems. Providing access to adequate sever sufficies could benefit the local encomp and stimulate job-creation by encouraging future devicement. Similarly, this project could benefit community-resilience due to increased flood risks associated with sea-level ne by encouraging due devicement soft to 11.0 It would also serve to they that are generative located oxistic the FTM-extendible flood plans more common south of 1.0 It would also serve to by alleviating nutrients and policitaris discharged into nearby fritz Creek, Fist Branch, and water tables from damaged and/or overflowing spitic tanks. Adde from the construction jobs offered by this project, it also promotes development of workforce housing.														
Workforce Development	1734	6/13/2013	Weer Clarity and Filtration System	In August 2011, the Gautier City Council adopted a Clear Water Filtration Plan that utilites ion exchange filtration technology in dord to provide cited rinking water with much lower annual operating and maintenance costs than somosis. Today, the brownish thri in Gautier&T's potable wells has impeded economic development. But another, restaurant and residential development. Due to the debt incurred when the City incorporate and assume the pervisou utility authority, the City has not previously been able to afford the expense of an onnois treatment facility. The newer technology of lon exchange has proved assume that the state of the content with the first incorporate and assumes situation that the content and third phases will save the remaining population along the HWY 57/1-Di Corridor and loop the filtration system for future capacity. The total cost of the three phase projects to treat 80% 55. Similion. To be second and third phases will save the remaining population along the HWY 57/1-Di Corridor and loop the filtration system for future capacity. The total cost of the regional carbon. Stypically negatively charged which can be effectively removed with a process known as in exchange. Ion exchange promotes chemical residue with content celletricity ennourced the aprocessary infrastructure for followed by ion exchange promotes chemical residue to any celletricity ennove developies enclosed and the concounts followed by ion exchange promotes chemical residue with content celletricity ennoved with a process known as ion exchange. Ion exchange promotes chemical residue with content celletricity ennoved with a process known as ion exchange. Ion exchange promotes chemical residue with content celletricity ennoved with a process known as ion exchange. Ion exchange promotes chemical residue with content celletricity ennoved with a process known as ion exchange. Ion exchange, properts such as this one will not only create jobs but will create the neccesary infrastructure for future development and th		Yes	No	Yes	100	Yes	No	No	No	Yes	\$ 4,500,000.00	\$ -		
Workforce Development	1747		ECHCPUD Water and Sewer Master Plan	The project includes water distribution and sewer collection improvement within ECHCPUD and extending 1 (one) mile beyond ECHCPUD's boundary. The water and sewer improvements proposed are anticipated to serve ECHCPUD for the next ten years.	Harrison	Yes	No	Yes	100	Yes	No	No	Yes	No	\$ 13,400,000.00	\$ -		
Workforce Development		1	Restoration of Bayou Cassotte, Bayou Chicot, Parsley Avenue, and Enger Bayou	This project will consist of water quality improvements through sediment removal in the identified degraded Bayous in this watershot. The purpose of sediment merow's is to restore degraded green consiston to allow for increased boat traffic and efficient access to natural resources. These bayous have wate potential for restoration that greatly enhances their ecological walue while directly engaging local communities. Restored streams help to manage storm water runoff, erosion, and sedimentation as well as provide quality habitat for widifier. What a greater potential to manage stormwater runoff, the communities within the watershold show an improved resilience to the increase risks associated with sea-level fier and environmental streasors.		Yes	Yes	No		No	No	Yes	No	No	\$ -	\$ -		
Workforce Development	1803		Property Acquisition East Pascagoula River (Fletchas Acquisition)	Property owned by the Fletchas family has long been used as an industrial shipyard on some of the most attractive waterfront property in the City. This project proposes to acquire the property, remediate, and clear it for further development.	Jackson	Yes	Yes	Yes		Yes	No	No	Yes	Yes	\$ 10,189,000.00			
Workforce Development	1804		Pascagoula Riverfront Acquisition	The proposed property acquisition will allow the Riverfront Redevelopment project, started with MDA/CDBG funding to continue to grow both north and south. The project includes acquisition and infrastructure upgrades.	Jackson	Yes	No	Yes	10	Yes	No	No	Yes	Yes	\$ 6,538,900.00	ş -		
Workforce Development	1864	1	Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Water Quality Restoration Enchancement Project	Stream restoration, sedimentation control, ditch bank restoration, habitat restoration, natural resource and monitoring both conservation and recovery are the components of this project. Stream restoration will enhance the quality of watter in adjacent waterways in addition to detention ponds and overflow discharge outfalls located within the City. In conclusion, the project restores streams and drainage discharge areas to its original state with the addition of sediment traps which makes beneficial use of numfi.	Hancock	Yes	Yes	No		Yes	Yes	Yes	No	Yes	\$ 1,688,000.00	ş -		

Norkforce Development	1867	5/ 5/ 1	Rest	mondhead Ecosystem toration, Stabilization Sustainability Project	Stream restoration, sedimentation control, ditch bank restoration, habitat restoration, natural resource and monitoring conservation and recovery are the components of this project a byproduct that makes beneficial use of trapped sediment also allows public access.	Hancock					-						\$ 9,519,500.00			
					By accessing an elevated boardwalk the estuary becomes a living laboratory, information stations educate and monitor bird populations, nest areas and health of various wetland plans and ultimately water quality.															
					By hardening the Bay of Saint Louis with oyster and clams water quality is improved, sea grasses will be reintroduced and erosion as seen in slides 4 and 5 should be reduced or eliminated and monitoring stations should show anticipated accretion.															
					This project consist of multiple activities that stimulate public interest and support as well as education and participation in recreation restoration, seafood production and water quality.															
					In conclusion, the project restores streams and drainage to its original state with the addition of sediment traps which makes beneficial use of trainaited run off. The project also has build in monitoring stations that benefit growth and the City supports and embraces this project															
Vorkforce evelopment	2192	11/13/2		ou Bernard Industrial ansion	The Harrison County Development Commission (HCCC) has 34 acres of land for development remaining in the Bernard Bayou inductival District (BBN). To augment the mount of development ball and, HCC requesting funding the capand intraples 10 area in BBD by 72 acres. This acreage is located west and adjacent to Intrapler 10 and is presently set aside for wetlands conservation. Utilizing funds provided by the RESTORE Act HCDC would allow for the purchase of necessary credits to mitigate the property and perform the necessary site preparation for immediate development.	Harrison	Yes	No	No	Y	'es I	10	No	No	No		\$ 6,000,000.00	ş -		
Vorkforce evelopment	3234	11/17/2		Rail Bridge Ilacement - Pearl River	The CSX rail bridge which crosses the mouth of the Pearl River is currently a swing bridge with a horizontal clearance of 87候 and a vertical clearance of 14候. This bridge has the smallest horizontal clearance of any train bridge located on the CSX line		Yes	No	Yes	100 Y	'es I	10	No	No	No		\$ 70,000,000.00	ş -		
					from New Orleans, LA to Moble, AL. The location of the open swing portion is located where the current of the Pearl River is at Is strongest making it difficult for vessels pushing a tow to navigate between the bridge and the bank. The replacement of the swing bridge to a bascule bridge would have numerous beneficit. It would increase the horizontal clearance and allow vessels to navigate in a safe manner more safely and with greater ease.															
forkforce evelopment	4275	12/26/2		ure-based Tourism gram	The main focus of this project will be to form a collaborative effort in the development of a Task Force to sustain and promote the AS Guil Coast Matonia Heritage And MSGKH44 as a prevince destination for Nature-Based Tourism opportunities. This project will identify opportunities approved as part of the MSGCM4 Management Plan which has a mission to promote the understanding of, conserve, and enhance the heritage resources located within the six counties of the MS Guil Coast by shring the aea8 ^{cm} -s nationally significant story with residents and visitors through activities and partnerships that celebrate the area8 ^{cm} -s nationally significant story with residents and visitors through activities and partnerships that celebrate the area8 ^{cm} -s nationally significant story with residents and visitors through activities and partnerships that celebrate the area8 ^{cm} -s nationally significant story with residents and visitors through and the visitory, and trait-based basinesses along with counties others who value the region8 ^{cm} si nc nutural and environmental diversity, and nature-based basinesses along with counties others who value the region8 ^{cm} si nc nutural and environmental diversity, nations, nature basins, and traitings resources. These resources provide heritage tourists with authentic experiences reflective of the MS Guil Coast Matonial heritage resources. These resources provide heritage tourists with authentic experiences reflective of the MS Guil Coast Matonial heritage resources. These resources provide heritage tourists with authentic experiences reflective of the MS Guil Coast Matonial heritage resources. These resources provide heritage resources. These addecees and matonial heritage resources. These resources provide heritage resources the MS Guil Coast Matonial heritage resources. These resources provide heritage resources than the addecees the formation matonia theritage resources. These resources provide heritage resources than the site of the MS Guil Coast Matonia heritage re	Hancock,	Ji Yes	Yes	No	Y	'es I	10	No	No	Yes		\$ 6,000,000.00			
					The MS Gulf Coast National Heritage Area plan explores methods which would serve to make natural areas and living traditions economically beneficial and available to the public directory to business owners and practitioners of traditions and indirectly here area as a whole. Economic benefits come directly from teles for tours, food and lodging, transportation, lesson, music, enactments, and heritage based products such as cardts, music, posters, publication, and art. There are also indirect benefits through the impact of heritage tourism on the local economy in terms of support services. One of the many strengths the Mississippi Gulf Coast offers is the large amount of undeveloped area within it which is available															
					for recreation purposes. The Task Force will identify businesses that will allow residents and visitors to experises these detectives natural areas. Available experimences range from chartered finiting firsts in the MS Sound, cance trips on the areaM**s many inland waterways, or a beautiful bike ride on our scenic Mississippi Coastal Heritage Tail.															
					The Task Force will work with local groups and businesses to explore ways to expand the availability of nature-based busin. These types of activities provide the authentic experiences that hierings businesses. This Program will build upon existing nature-based tours such as padding on the Pascapula River, the largest impedied river system in the lower 48 states, and guided excursions to the barrier states of the MS Sound.															
/orkforce evelopment	4298	1/8/2		E COAST Scenic By-ways I Relocation Campaign	It is recommended that \$2,019,250 in Restore Act Funds be utilized to launch a ONE COAST Scenic Byways and Relocation Campaign to drive tourism and real estate sales.	Hancock,	,H Yes	Yes	Yes	50 Y	'es 1	'es	Yes	Yes	Yes		\$ 2,019,250.00	ş -		
					A decade in the making, Beach Boulevard in Hancack County, is the only shoreline along the MS Guil Coast that has received the designation as Multissippi Seciel byway. The vision for a secien kyway dial not stop at the 1 miles of shoreline in Hancack County. The 30 miles in and around NASAR*S stemis Space Centre huffer zone, an untouched natural green space that can be ever be developed, in now part of the hyways to Space. The buffer zone, and untouched natural green space that can be ever be developed, in now part of the hyways to Space. The buffer zone and untuital have not forbuilting, biking, fishing, camping and exploring—in not only a national asset for homeland security and defense, but also for the emerging new eco-tourism Work is underway now to commet the back houlivered by pawny to the rest of the Guil Coast by maining guilsawy 2015. The by- moduct of the Multissippi Guil Coast. The bit her come anniversary of the GUI Spanish frail. Suring 2015, the by- way will extend in Harrison County is to Bebalays Road. There is interest from takeson County leades to extend the by-way there and in Blicak, segmentation may be required to carve out the Cassino Districts.															
					A Mississippi Scenic Byway designation can benefit a community in several interrelated ways: Resource protection; Community recognition as a source of pride; Economic development/unitum through visitor tacks, visit a post to source torrists; Community visioning to address roadway considors and land use issues; Patnering by bringing individuals, lands owners, the public and private sector to patner for betterment of the community; Access to federal and state grants, trusts, lones and assistance program estable for solver to patnerents, facilities, impovements to access ease, protecting historical and cultural resources. The mission of the Missispipi Coast& [®] s two new scenic byways is to preserve, enhance, protect and promote the natural,															
					historic and cultural tourism intrinsic values of 62 miles of scenic roadways for the enjoyment and education of the American public. The goal of the scenic by-ways programs is to introduce the Byways to Space and the Beach Boulevard Scenic Byways to the public by- Schaking advantage of the INFINITY Science Center. a Missission Tier I tourist attraction that opened in mid Aoril 2012 that has															
Vorkforce	4337	3/11/2	2015 Barl	k Bay Biloxi Shoreline	4cCRaking advantage of the INFINITY Science Center, a Mississippi Tier I tourist attraction that opened in mid April 2012 that has a focus on the science of land, sea, and outer space. Project will restore shoreline area, ensuring growth of emergent plants including Spartina, Juncus, and other grasses and trees	Harrison	Yes	Yes	Yes	Y	'es h	'es	Yes	Yes	Yes	health & s	s -	s -		
Development	4337	5/11/2		Habitat Restoration	Projects win results sincering area, resulting growin or emergency pairs including sparsing, Junco, and other grasses and other that have been lost to crosion. Several acres will receive remediation and will be extended to include a narrow beach that has been lost due to increased force of wave action. The select means of restoration will improve conditions for more than a dozen endangenet species in the area as shown in this proposal.	horrison						-				Contin of 2				

Workforce Development	4343		West ackoos Courty Constructed Wellands Restoration Project	The Yest Jackson County Constructed Wellands Treatment System was established in is 1990 to treat the centralized wastewater oriented in vestem Jackson County, Mississyine, A wastewater oraces through multiple cells of welland vegetation, excess nutrients, heavy metals, and other environmentally harmful contaminats are removed from it prior to release into Costania Javu. In addition to wastewater treatment, the wellands are a fourced halter for a variety of widility and tarks in those wellands, we formed an agreement with the National Audion Society to open the Calify or avian basevution and counting every Thursday, for the last several years, the welland vegetation has been decimated by the invasive apple snail and earlies in these wellaws well wellaws wellaws wellaws wellaws wellaws and apple snails are a crosults that to freat several years, the welland vegetation has been decimated by the invasive apple snail and counting every Thursday, for the last several years, the welland vegetation has been decimated by the invasive apple snail and counting every Thursday, for the last several years, the welland vegetation has been decimated by the invasive apple snail and the seconds threat to freatist. The main objective of this proposal and to restorate the functionality and habitat provided by this treatment welland through endication of the apple snails and restoring or vegetation. The Jackson County utility Authority has been efforts to reave apple snails inder monitoring by the MS Departments of Environmental Quality and Marine Resources. However, limited resources have hampered these efforts. We would like to expand upon these activities using per-reviewed methods to maximize habitat and water treatment. Throughout all steps in this project, were quality, wells, for guided or vegetation, and anal bundance will be quantified to defineed are preservation and restoration of welland habitat, nevesed wetlements for this project, and restoring this welland. We will alike through the streatment effici	Jackson	Yes	Yes	Yes		Z Yes	Yes	No	Yes	No	\$ 650.0			
Workforce Development	5525	1/1/2018	Nature Tourism Proposal for the Mississpop Gulf Coast Region. A project and Ubdget plan based on the 2016 process and strategy document,	Tourism and business leaders have realized the necessity of creating an environment of conservation and protection of MissispipielT-cost all resources in the wake of the Deepweiter Horizon OS [31] in the Guird Mexics. A great deal of planning his taken place since 2010 to celebrate the natural beauty and worker of the Missispipi Guir Cost. There is an area of opportunity in this region that is a most promising method to protect natural resources and promote environmental stewardship while titmulating new economic development. Across the work], nature tourism is recognized as a significant effort provide responsible travel to natural mass and promote conservation. Nature tourism are looking for original and authentic experiences to high-quality environments with historical and cultural isgnificance. These travelers are more likely to be well educated and travel. Gene in multi-generational groups with textended familier. They are seeking size, well-connected communities that place emphasis on environmentally and cultural ingensible travel with low visitor impact to natural areas. Tourism 4000 for 10 is Goota 2020 final Report, Nature Tourism Tak Froze recommended the Missispip Guir Coast National testing Area (MCOA) to load and antibute. In 2015, with funding from the National Planks, includent Planks, includent Coast National Heritage Area (MCOA) to load and antibus. In 2015, with funding from the Heritage Trails froze, the MCCHMA rening consultation cultural mass. Guir Marton Interest (1) Guir Coast ladoer, with Mississpip Guir Coast National Heritage Area (MCOA) to load and ant Mississpip Guir Coast National Heritage Area (MCOA) to load and antibus. In 2015, with funding from the Heritage Trails France for main Area (1) for the Mississpip Guir Coast Hadron unitable. In 2016 for the Mississpip Guir Coast Hadron unitable. Mississpit Guir Coast Hadron with Mississpit Guir Coast National Heritage Area (MCOA) to load and this Mississpit Planks. Heritage Area (MCOA) to load antibus duritable.	George,H	a Yes	Yes	Yes		0 Yes	Yes	No	Yes	Yes	\$ 10,000.0	30.00 \$ -		
Workforce Development	5537		Treatment Project	In city of Gauter geographically is located along the west edge of the Paccapoal River Basin as it empties into HM Missioge Sound. The aquifes that the City utilises for its water supply an highly enriched within on, magnese and organics due to its geographic location. These natural elements contained within the water supply generate a brownish tinted water, which is assettictually unperiods and a commitment and also for consumption, the negative image greatly impacts the City in its ability to attract reidents and economic developments. Althours assums, hoteka and tourists. After many years of research and a commitment from the Mayor and City Council, the City adopted a Clear Water Filtration Plan by utilizing new technology, an ion tschange Filtration System, to treat their water supply for improving water clarity. The Filtration Plan space and the city of the regions, and accine region would require the installation of an ion tschange Filtration Station to treat the City & Station System, to treat their water supply of interoving water clarity. The Station to treat the City & Station System, and the station system. The City completed its first atten in 2015. It is obligated with the quality approximately 43% of the CityAd ^{ers} , daily water usage. Although a significant portion of the CityAd ^{ers} , water supply is being treated, water wells in the other regions are still producing the disclored water into the CityAd ^{ers} , water cupply is being treated, water supply is program and construct two additional on schange Filtration Systems to ensure all of the CityAd ^{ers} water supply wills and businesses in those areas still receive anying levels of disclored water. This sproject will improve the livability of the community, enhance sustainability and promote long-term growth. The benefits associated with this project the lowader water waters subply and promote long-term growth. The benefits associated with this project well applice configure on the accider's water supply is preserversing and and construct two addi		Yes	No	Yes		Yes	No	No	Yes	Yes		30.00 \$ -	Land Acqu	ution
Workforce Development	5539	6/1/2017	Southeast Gautier Sewer and Storm Sewer Infrastructure Upgrade	The southeast portion of the CITy of Gautien has experienced regetitive floading and sever take typ. To address this orgoing portient, the CITy by proposing to upgrade the several and convent means everal improvement plan is to upgrate the gravity sever lines, slip line all manholes/literals and upgrade all existing sever pump stations serving this area. The CITY abit or proposing to replace derivated and upgrade all existing sever pump stations serving this area. The CITY abit or proposing to replace derivated and undersited drainage place (ear and construct profiled channel ditches to expand the capacity of the drainage flow and to construct a sediment retention basin north of U.S. 90 to retain a percentage of water from entering the drainage system through this area during rain events. The benefits of this project is improving the quality of life for the residents who experienced repetitive flood loss over the yeast. The benefits of this project is drain sever system, necessing the capacity of storm water run-off where acceptable and to retain storm water at strategic locations will improve the water quality of the CityAC ⁺⁺ s bayous and the Mississippi Sound.	Jackson	Yes	No	Yes	5	IS Yes	No	Yes	Yes	Yes	\$ 10,000,0	30.00 \$ -		
Workforce Development	5540	6/1/2017	Tourism Marketing Strategies	This projectAC [®] scope would be to develop a tourism marketing strategy that would include the creation of an interactive website and attractive brochure/other marketing materials for placement at key locations to highlight the CItyA ^{E®} unique tourist attractions, folging opportunities, retail areas, restaurats and other amenities. This informational packet would include a map showing directions to each location. It is anticipated that klosks could be strategically place that would al closures in finding there issued each location. It is anticipated that klosks could be strategically place that would al closures in finding there issued each locations and to inform of other points of interest. The City does not have a chamber of commerce to help with such items.	Jackson	Yes	Yes	Yes		15 Yes	Yes	No	Yes	Yes	\$ 100,0	00.00 \$ -		

								_									
Workforce Development	5541	6/1/2017	Shepard State Park Recretational and Ecological Enhancement	The City of Gauter has assumed the daily operators and management of this 353-sere park, which is located south of U.S. 300 and Graveline Road. Currently, the park has disc golf and a premier outdoor archery range with 28 lunes. The City has increased the strong Gaveline Road Currently, the park has disc golf and a premier outdoor archery range with 28 lunes. The City has increased the dilitation of the parks by the addition of these amenities and has host dat rational archery tournaments, hinging tourists from all over the lunted States to participate, as well as state high school archery teams and Senior Olympics tournaments. Stc College ethery has also expressed interest in using the facility for tour of 18 swamps and bayous, resulting in eco tourism visitors from all 30 states and numerous other countries each year. The City is already home to the Missistopip shafhil Canes from 310 states and numerous other countries each year. The City is already home to the Missistopi shafhil Canes from all 30 states and numerous other countries each year. The City is already home to the Missistopi shafhil Canes from all 30 states and numerous other countries available at Shepard State Park to assist in developing this printing park into one of the southit ²⁵ -spremer anticular destinations. Explandio Missi the site of the park is printing park. Bigged State Park to lufter enhance, capitale on and inclusion of the essign inclusion gets , yeld and states and the park shaft and the site of the park. Shapard State Park to availed or vindite in alter to the castal area, such as previous additional areas of the park. Shapard State Park to availed or vindite in alter to the castal area, such as previous additional areas of the park. Shapard State Park is need of regains'. The City is proposity to complete such regains', clear optimal opportunities to monitor the availed or delinear stress will be constructed for crasting an environment for the disting road network throughout the park is need of regains'. The City is proposity t	Jackson	Yes	Yes	Yes	50	Yes	Yes	Yes Ye	s Ye	s	\$ 9,000,000.00	Ş -	
Workforce Development	5555	5/15/2017	Sewer Infrastructure Rehab	Isamonthead Water and Sever Ditrict is located in Hancock Caunty Milosispip within the City of Damonthead. We provide weter and sever service to approximately 4300 customes and a population of 2000. The District ⁴⁵ certificated area is located within vatershed areas that arine with open dichtes and nominal amounts of subsurface durange. The discharge points for these watershed areas are titally informed due to the geographical location of the District ⁴⁵ certificated area. Sociated along these watershed areas are titally informed due to the geographical location of the District ⁴⁵ certificated area. Sociated along Boundary is the Saturd Shoreline of Rotten Bayou and the Northern Certificated Boundary is the Southern Shoreline of Rotten Bayou and Bayou LaSalle. Forty years ago the clay sever mains were installed in the District ⁴⁵ certificated area at the primary material for sever mains. At the time of Installon, pipe bedding standarks were not a widely understood as they are today. The rigid nature of clay makes it very britte and when unstable soil conditions are introduced, cracking will occur. Once a clay sever prime cracks and callance to the sever infrastructure constitution of an ensult of a large portion of our infrastructure constituting of carded and leaking 40 year of the yape to that easis downal of the clay sever mains, were infrastructure constituting of the clay part bart needs vehalilitaton. The Increase in Ricause sexess amounts of water into the sever infrastructure resulting in sewage overflows, costly cleanup and potential hazards to the environment. The scope of work for this project is to rehabilitate 174.250 lineal feet of racked, broken and failed clay sever mains, point repair mains and enonee nocs. The rehabilitate 174.250 lineal feet of racked, broken and failed clay sever mains, point repair and proper documentation of the clay sever mains will consist of ucced-in place pipe (PPP) and CCTV of almains after rehabilitation. The District ⁴⁵ CCTV of othave will need to be updated in	Hancock,	H Yes	Yes	Yes	80	Yes	No	No Ye	s No	2	\$ 6,732000.00	\$ -	
Workforce Development	5558	5/16/2017	Old Fort Bayou Road at I-10	The Jackson County Basted of Supervisors is popposing the construction of a new intensista 10 interchange with DGI Fort Bayes hoad. The right of DGI weys is walked to immediate construction for construction and would strategically position a new access point for entry hoto Jackson County from Interstate-10. Centrally located proprioritianely for multile scale of the Vashington Avenue/Highway 500 exit and approximately four miles west of the 1-10 control. The Vashington Avenue/Highway 600 area has sequerienced tremendous growth in the last few years as the population tends to migrate to the north, and the interchange would provide much needed relief from traffic congestion in this heavily traveled area of the 1-10 contol. The Vashington Avenue/Highway 600 area has sequerienced tremendous growth in the last few years as the population tends to migrate to the north, and the interchange serve to informate the outstratult artife burget in that area in addition to providing eavy access to prime developable property adjacent to interstate 10. Not only would the interchange serve to improve the lives of the local community, but it also provides opportunities for the establishment of new service industries such as gis stations, hotels and restaurants to attrace travelers. Self, modern, and eavily accessible transportation notare are key to promoting and ustatinal ingline tree conomic growth. Because the 1-10 corridor is a heavily traveled interstate highway, and this area continues to see growth, an ew interchange boint would gravity enhance the desirability for development. The short term economic impacts would be felt immediately throughout the community. From the creation of construction plots, the demand for materials, service and equipment to the need for flot, housing and other goods, this project would help to stimulate the local economy. The OIA fort Bayou Road and the 1-10 instructange is the next logical step in promoting growth in that area. In addition to other proposed road improvements, this interchange wi	Jackson	Yes	No	Yes	100	Yes	No	No No	o Ye	s	\$ 30,000,000.00	Ş -	
Workforce Development	5559	5/16/2017	McCann Road Overpass	This project consists of construction of a new overpase at McCann Read and interstate 10 in the St. Martin Community. This new overpase will provide a direct connection from the Commercial Business District along Lennyne Bivd. To the new Commercial Business District along the 1-0 Connector road, thereby increasing access and opportunity for new growth in the area. The addition of this strategic access linking two commercial business districts will maximize the growth potential for both areas. The short term direct economic atimulus will be immediately fett throughout the community in the form of employment and income for the construction industry and indirectly by many others who are employed by companies that provide materials, equipment, and services that are required to support the project. Workers for whom both are created by this project the envices to signed on consumer goods and services, which in turn creates may be in real, manufacturing of consume goods, food processing and personal services. Advances in the strategic accessing the project methods the signed on consumer goods and services which in turn creates new job in real, manufacturing of consumer goods, food processing and personal services. Advances in the strate instructure of the provide service as identify thermals to through the provide services and the services and the strate services is denogeneous the strate services are provided by companies of the strates instructure will be marked to construction provides growthin the community. This marked instructions of the strates instructure will be service as denogeneous the provide marked growth, the overall construction benefits will be availed instructure and benefits the new based on construction activations, and subsequently the functional integration of the structure will benefit the expansion of the community for many years. Growth in this area is substanced by the local community, biblisted by a growing oppulation, and possibility impacted by consumers that choose to tra	Jackson	Yes	No	Yes	100	Yes	No	No Ye	s Ye	5	\$ 10,000,000.00	\$ -	

5561	5/16/201	7 Radio Read Water Meter Project	Damonthead Water and Sever District is located in Hancock County Mississippi within the Cly of Damonthead. We provide water and sever service to approximately 4300 customers and a population of 9100. The District has 4,295 aging water meters, over 54 percent lite meters are older than 10 years and of the 54 percent, 73 percent are over 15 years. Due to the age of the District&®s meters, the District is losing revenues and unaccountable water loss.	Hancock	Yes	Yes	Yes	85	Yes	No	No	Yes	No	ş	750,000.00	ş -		
			Aging water meters, experience a breakdown of accuracy over time. The breakdown results is less accurate water meters that leads to lost revenue because the consumption of water is not completely recorded. In an article published in Water and Waste Digest, (Dr. Hans D. Allender, 2000) test results consistently proved that water meters ¹⁶ /s ⁻¹ recording capability diminishes over time. The article protect the results consistently proved that water meters ¹⁶ /s ⁻¹ recording capability diminishes over time. The article protect the results collabel analysis that included sampling of a number of meters in one none based on age and flow; low, intermediate and fast. After the accuracy of the meters were calculated, the galinos of water gains of through the meters without being recorded were calculated by subtracting the average consumption for the result of the multiplication of the RAM (the Real Accuracy of Meters). An average consumption of 1000 galions was used in this analysis based on a typical bouched) and historical data considering the summer previous consumption. The recorder less throws as follows:															
			Meters 15 Years Old 9,000 Gallons - (9,000)(0.994) = 54 Gallons per month Meters 20 Years Old															
			Meters 25 Years Old 9.000 Gallons - (9.000)(0.958) = 378 Gallons per month															
			Meters 30 Years Old 9,000 Gallons - (9,000)(0.816) = 1,656 Gallons per month															
5562	5/17/201	7 Master Sewer System Study	Diamondhead Water and Sewer District is located in Hancock County Mississippi within the City of Diamondhead. We provide water and sever service to approximately 4300 customers and a population of 5100. The District has significant amounts of inflow and infiftancian aging sever mains of which 473 are 30 plux year of sever citya pipe. If statuss and discharge force mains that need all need to be reviewed for current and future service needs. The district needs a Master Sever System Study conducted for the sever collection system to evaluate inflow and infiftation. If statuss and discharge force mains to serve as a logical, cost-effective framework for making organizational changes; to assist with meeting new environmental regulations and for environmental impact.	Hancock	Yes	No	Yes		Yes	No	Yes	Yes	Yes	\$	100,000.00	\$ -		
			Study and completion of the Study. The benefit of this project is to evaluate the Sever System hence creating a tool that will satisf with significantly reducing flood waters from entering the sever infrastructure, reducing severe overflows hence restoring water quality, replenishing and protecting living coastal and marine resources, restoring and conserving habitat and enhancing community resiliency and to assist with meeting new environmental regulations and for environmental impact.															
5857	9/10/201	8 Mississippi Coastal Improvement Program (MSCIP) Deer Island Eccosystem Restoration Program	Scope of Work: This Project will complement the existing Federal restancian projects at Deer Island by minimizing the fracturing of diversity and creation of an additional 400 across of highly productive eventions). beach and use and martime forest habitar, and the provide the second se	Harrison	Yes	Yes	Yes		Yes	No	Yes	No	Yes	\$; 25.00	*****		
			Background and Cost. A fessibility study was completed in September 2009. The recommended total project, estimated to cost 252,900,000 with an estimated freedract ord 518,77,000 and an estimated non-federal cost of 5300,000 with amount, 51,231,000 is estimated to be needed to complete PED (design phase elements) with an estimated federal cost of 5800,000 and an estimated non-federal cost of 5431,000.															
7	10/18/201	3 Restore watersheds	FEMA is making flood insurance too expensive for many waterfront properties Property owners and the environment would both be well served by purchasing those properties and returning them to their natural state resulting in a better buffer in	Hancock, Harrison,	Yes	Yes	No	No	No	Yes	No		No	ş		ş -		
52	10/24/201	3 Graveline Bay Preserve Land Acquisition	anticipation of the next Katrina like storm. The following is from the Department of Marine Resources web site:	Jackson Jackson	Yes	Yes	No	Yes	No	Yes	No		No	\$	-	\$ -		
			http://www.dmr.ms.gov/joomla16/index.php/mississippi-gems/215-graveline-bay Coastal Zone Management Mississippi Department of Marine Resources Mississippi GEMS Graveline Bay Preserve DetablicAtegory: Mississippi GEMS 1.Graveline BaySite information Point(s) of Contact: Mississippi Department of Marine Resources, Coastal Preserve Dreading Company (Company Company															
	5852	5852 9/10/201	5562 5/17/2017 Master Sever System 5562 5/17/2017 Master Sever System 5852 9/10/2018 Masterippi Coastal Improvement Program (MACR) Que triad Restore triad Restore watersheds 5852 9/10/2018 Restore watersheds 7 10/18/2013 Restore watersheds 2 10/24/2013 Grawline Bay Preserve	1 Model Deer 54 percent of the metric incer the size in the size is percent. The percent are out 5 wints. Due 5 the seg of the Deer 54 percent. The percent are bounded the metric incer and the construction are bounded to the size is and the construction are out 5 wints. Due 5 the seg of the Deer 54 percent. The metric incer the construction of sales is not complete in the size. The construction results is less accurate water meters the Lades the bounded to the size is and the construction are out 5 wints. Due 5 the size of the complete in the size is and the complete in the size is and the	352 Motor Security the network we define has 10 years and of the Sig former, 73 years and or the Sig former, 74 years and ye	350 19/27027 Mater Save System Save Save Save Save Save Save Save Save	1 1 Number of the membrane and this is parsed and this is parsed and this is parsed. The membrane and this is parsed and the membrane and themembrane and the membrane and the membrane and the membr	Image: Section of the sectio	1 10/12/201 Internet Section 1 and the media in order that have and the first Section 1. Type in the media in the trans of the first Section 1. Type in the media in the trans of the first Section 1. Type in the media in the trans of the first Section 1. Type in the media in the trans of the first Section 1. Type in the media in the trans of the first Section 1. Type in the media in the trans of the first Section 1. Type in the media in the trans of the first Section 1. Type in the media in the trans of the first Section 1. Type in the media in the trans of the first Section 1. Type in the media in the trans of the first Section 1. Type in the media in the first Section 1. Type in the media is the first Section 1. Type i	Image: Section of the sectio	1 1 1/2000 Amound a model muscle	Image: Sint Sint Sint Sint Sint Sint Sint Sint	1 1	1 1	2 10/200 Non-Non-Non-Non-Non-Non-Non-Non-Non-Non-	Image: 1 and the second of	1 1	Image:

Research and	22	10/29/2012	Mississippi Habitat	Summary:	George	Yes	No	No	Yes	No	Yes	Yes		Yes	\$ 1 175 000	.00 ######	ann
Research and	88	10/29/2013	Misisiopi Habiat Stewards Program	Missisppi Wallife Federation requests consideration of funding to continue growth and success of Mississppi Habitat Stewards Program along or util Crassa, surving a team of trade voluntees to provide services to natural area managers, especially those related to public use, access and interpretation. Habitat Stewards alon provide an engaged citizency to support greater public support of natural areas management and restoration. Eaclignment In July 2010, in response to the Deep Water Horizon explosion and the anticipated arrival of oil along Mississippi Millife Federations launched a volunteer surveillance network. This network of volunteers across the totation and Mississippi Wallife Federations launched a volunteer surveillance network. This network of volunteers across the coast was established to monitor sections of horizon and document their findings. By alte summer, It became wident that manages from the Poi spill would be dramaticity afferer from those experienced after the Exon Valder disaster. However, many of the volunteers were still analosis to provide meaningful efforts on behalf of the coast al willife and their habitats. With this request in mind and with a clear understanding of the needs of natural lands managers on the Coast, Mississippi Wallife Federation received grants from Shell Di and Bi in 2021 to develops on ed-akind program for volunteers to be trained in coastal habitats and management of natural area, named Mississippi Nabitat Stewards. After completing the training to Mississippi Wallife Federation. Currently, 38 students have completed the 24 hour training mangement to matural and smanages on the Coast, Mississippi Mississippi Vallife Federation. Currently, 28 students have completed the 24 hour training mangement tasks at many traiter footions across the coast including: Mississippi Vallife Federation. Currently, 28 students have completed the 24 hour training mangement tasks at many traiter footions across the coast including: Mississippi Vallife Tederation. Currently, 28 students	River,	TES	No	No	Yes	No	Yes	YES		105	5 1.175,85	от Со.	
Research and Education	89	10/29/2013	Gulf Coast Prescribed Fire Cooperative	Table at Shepherd State Park Thousands of area of private and public longical pine forests, savannas and coastal marches within the three coastal countes are in need of management activities including prescribed burning and exotic plant control to restore habitas of native wildler and plants and also to increase values of privately-owned fores lands for restoreal use and forest products. This program will establish an organization of professional fire practitioners to apply fire as a science based management tool on private and public wildlands adjuent to or in close providely owned fine entropy of the provide the management tool on private and public wildlands adjuent to or in close provide provide the organization or private provides. This program will be sublicitied to the provide provide provide the organization of the test and the regression of the science science and entropy the science that one provide the organization rescribed fire busics type-1 strate to plant or tracked entropy of the science the regression of the science science and the regression of the restable differ cores will be established. Teams may work independently or in approved public and private lands. Team members will be available to make presentations concerning the benefits of prescribed fire busics, conducting the reduction and invasive species control, nontoning, mapping and maintaining public alter management trate; and prescribed fire education projects. Team will be supervised fire sciences, and maintain public area management trate, and prescribed fire education projects. Team will be supervised the science and maintain public area management trate, and prescribed fire education projects. Team will be supervised fire sciences and the regression for engaged with prescribed fire deducation projects. Team will be supervised fire sciences, monitoring results do for emanagement to will worker science and the prescribed fire procession fire described projects conducting the devide and antinvalues prescribed fire deduc	Hancock Harrison, I Jackson	Yes	No	No	Yes	Yes	Yes	No		Yes	\$ 25,120,000	.00 \$ -	
Research and	1166	11/7/2011	Bayshore Wetlands	(ORIGINAL ID#11432) The scope of the project seeks to restore a small tidal wetland area in the downtown waterfront area in	Harrison	Yes	No	No	No	No	Yes	No		No	\$ 400,000	0.00	anu
Education Research and	1172	6/13/2013	Restoration Graveline Bayou	D'iberville, Mississippi. (ORIGINAL IDII606) Graveline Bayou is located in the southwest corner of the City of Gautier. The bayou is an intricate network	Jackson	Yes	Yes	No	Yes	No	Yes	Yes	100	No	\$ 7,200,000	.00 \$ -	-
Education			Restoration Project	If wateways that contain main's habitats, deeger water habitats, and algacent costal habitat for naive willife. The bayou empties into the Missispip Soud which is a part of the Girl of Mexico. Historially, the bayou provided direct any accessibility to the Gurl of Mexico. Instruction of the Missispip Soud which is a part of the Girl of Mexico. Historially, the bayou provided direct any terusory and the main factors commercial and recreational fintemens, as well as sating. Layaking, and ecological version, Ers & Site Prevent, This Site Missispip Soud which are part of Girls that at ther relationers, saiving hardor fee & Site prevails, transportation fee, site, thereby reducing product costs to the consume: Due to deterioration of the bayou, accessibility has been reduced to residences with a bardor fee. What was one a a thriving ecological, commercial, and recreational hub has been reduced to residences with a bardor fee. What was one as a thriving ecological, commercial, and recreational hub has been reduced to residences with a water view, without the benefit of the Gurl access. The main factors contributing to the deterioration of the bayou. 1. Sediment accumulation at the mouth of the bayou due to sediment transport westward by the prevailing southeast wind, and the associated wave action, has eliminated the ability of most passenger bast and commercial vessels to navigate out of the bayou due to the tawayou. Misc the traves further downstream during subsequent rain events. Filling in the channel and reducing the allowabe depth for navigation. 3. The dosure of the mouth of the bayou during the Deepwater Horizon OI Spill Crisis compounded the sediment accumulation problem removing any agitation of the bayou with the Bayou week and summer of 2010 Because of the feer that oil in the bayou from the biowaut could during e negative. This value of the tidal cycle. Now 200 Gir down week and that far and the bayou the tidal cycle. Now 200 Gir downeek and that far and the bayou during the Deepwater Ho	9												
Research and Education	1238	9/21/2011	Habitat Restoration and WQ Management in the Mailini Bayou System	DRGMAL IDBI1158] The Mallin Bayou System consists of 3.7.1 miles of 12 inter-connected channels located on the eastern dead of Bays. Icosis immediately west of the City of Pasc Nistian, MS. Harinos County proposes to improve and mage the water quality in the Mallin Bayou System of channels for the purpose of eliminating stagnation and hypoxia; reducing nutrient concentrations and colform counts; and diding compliance with the TMCL. The MRDA project involves the installation of a pipeline to pump high-quality bay water into Bayou Boldore during beb tide periods; remove abstructions; and dredge channels to the original permitted deagt depth. The pump station will be located about 5,750 ft from the north inite it Mallini Bayou and about 5,50 ft from the south inite at Anchor Basin; pumped bay water will flow equal distances north and south. Bayou and about 5,50 ft from the south inite at Anchor Basin; pumped bay water will flow equal distances north and south. Bayou and about 5,50 ft from the south inite stanchor Basin; pumped bay water will flow equal distances north and south. NBRA restoration efforts for the greater Guil of Maxics coorsystem. Gannet Herming, aglobal engineering, company with over 59 years of experience, has been selected as the design-build firm for this project. Project tasks will include hydrodynamic moleting to the Mallin Bayou System getterhnical analysis of the pipeline patchway, property aquition, design enjenering, permitting, contracting, construction oversight and commissioning/start-up. The company will over the Install fad facilities for 20-years and proved environment and reporting for verification of environment of disci tervesity the the anticipated Deepwater Horizon 5011 20-year loss period of the deep sea Boor habitat. Following completion of design eminering, an potenting revere exaction is to be estabilited by MBND and managed by Marinos County Government.	i	Yes	No	No	No	No	Yes	Yes		No	\$ 20,000,000	.00 \$ -	

Research and	1760	12/5/2012	Ecological Restoration of	Hurricane Katrina and the BP oil spill were very damaging to the barrier islands of the Mississippi, Alabama and Florida Gulf	Harrison	Yes	No	No	No	No	Yes	Yes		10	¢	2.750.000.00	annaan			
Research and Education	1269	12,5/2013	Ecological Restoration of Slash Pine on the Barrier Islands and Coastal Wetlands	Humcane katona and the set of spin were very damaging to the barrier issands of the Mississippi, Akabama and Honda suff Coast. There is a consensus developing that some restoration of the island ecosystems will be required, including replanting the vegetation, especially the trees. Nothing has been written about the seed sources of the restoration plantings.	namoun	ies -	140	NO	NO	.10		18	N		\$	2,730,000.00				
				The shoreal vegetation of the barrier islands of the eastern Gull Coast of the US consists mostly of lash pine (Pinna ellinit) and elliotti) and live of (Quercus vignam). During tropical tartisms, thesis tailand are often inundated with a water. After Hurricane Katrina (2005), 80% of the slash pine and 50% of the live oak were dead within a few months after the storm. There was very little wind-thom. The mortality was undoubledly due to exposure to saw tarter.																
				With these events occurring every decade or so, one might expect that natural selection would result in some genetic adaptation in these populations to temporary salt water inundation. Slash pine occurs not only on the barrier islands but well																
				inland, far from salt water exposure. Seed sources normally found in commercial nurseries are derived from inland populations. It could be a serious error to replant the island vegetation with inland sources that are not adapted to salt water exposure.																
				Mergen et al. (1966) compared barrier tisted stabipine with mainland sources and found morphological differences. Sait telerance was not studied. Land (1973) found salt tolerances higher in slash pine than in iobiolity pine. It is not a coincidence that slash pine is the only pine found on the Mississippi barrier tilands. This sudy will seek to explore genetic differences in salt telerances among half-sib Ramilles and populations of sland and mainland slash pines, with the goal of identifying appropriate salt-tolerant seed sources to use in restands projects.																
				Seed will be collected from individual trees of three types of populations: 1.Barrier island slash pine, attempting to sample all barrier islands; 2.Baech populations adjacent to the island populations, i.e., populations exposed to salt water through tidal actions; and																
				 Mainland populations sampling south-to-north transects starting at points ranging from southeast Louisiana to northwest Florida. 																
 Research and	1591	8/18/2011	Wolf River Restoration	Seedlings will be grown for several months and then tested in replicated trials by dipping in artificial seawater. In addition, DNA (ORIGINAL IDI849) The purpose of the Wolf River Restoration Project (WRRP)is to facilitate fish, wildlife, and plant habitat	Harrison	Yes	No	No	No	No	Yes	Yes	N	10	s	42,000,000.00				
Education			Project	protection, restoration, and enhancement, primarily for Federal trust resources including impatory birds, endangered and threatened species, costal vestidants and marshes, and aquatare sets onling the special sets and sets that the sets of the sets of the set of t																
Research and Education	1594	8/25/2011		(ORIGINAL IDIPO4) in April 2011, the Rookery Bay National Estuarine Research Reserve (RBNERR) hosted a two-day workshop in Naples, Florida, with funding support from NOA% Marine Protected Area (MPA) Center, that brought representatives from four tery agencies managing MPAs in the Guil Together to discuss collaborative efforts. NOA% SHERR and MMS, and DDD; NPS and Area and Area and Are	n/a	Yes	No	No	No	No	Yes	No	N	lo	\$	50,000.00	****			
				NWRs were represented. Outcomes of the workshop included a commitment from the Guil MAP partners to work together to build a framework for regional response to catastrophic revents such as the Deepwater Horizon sqll, share information and technology relating to climate science, and to seet regional opportunities to advance common stewardship goals of MAPs such as habitat restoration. A regional approach to restoring critical marine and coastal habitats within the Guil of Mexico MAP Network has significant benefits: -cull MAPs already have long-term monitoring and GIS capabilities that can effectively track																
				changing environmental conditions correlating with restoration success, such as water quality Gulf MPA have on the ground programs in place designed to provide protection and increase awareness of the need to conserver sources, such as law enforcent, education, outreach and training, visitor use management, and active community-based volunteer programsGulf MPA have a diverse range of critical marine and costali habitats within their designated boundaries (e.g. consis, segarases, opter reels, mangivere, saltmanke) in cluding offshore source greeged results rult hair (knettry) to the lie vice) et and migratory																
				patterns observed in economically important marine species including various species of sporthis, shrimp, and crabs. Envisioned a shrine year regional collocative restoration project that builds on the strength of the newly estabilished Guil of Mexico MPA Network noted above. BBNERP, with support from NOAA, is currently working on developing the initial framework and communication/raining supp or 10 the Guil Network. The proposed regional habitar testoration of the var- three components: (1) Year I: Guil MPAs will work collaboratively within the Network to learnthy high priority habitats suitable for restoration that meet ritering for regional linkages, and develop a regional scope of work for restoration that that set is the net oritic for restoration that list suitable or groups: (1) Year II: Guil MPAs on linkages in develop a regional scope of work for restoration that fuels the site storation projects, engaing community volunteers as appropriate and monitoring progress. (1) Year II: Guil MPAs complete lave testoration projects, contine monitoring efforts, and conduct targeted oursech																
				to raise awareness of value of restored Gulf habitats.																
Research and Education	1595	8/31/2011	Ohr-O'Keefe Musuem of Art Native Habitat Restoration Project	(DRGIMAL IDBR6D) in 2010, the Oth of Veede Museum of Art received finding from the MS coastal impact Austance Program to development a landscape muster plan focusing on the conservation, protection and restoration of the Museum site fronting the Mississippi Sound. The grounds of the Museum will be restored with native plants, the site becoming a living laboratory for coastal restoration projects including heritage plantings and wetlands restoration. The site will serve as a microcosm of naturalized coastal landscape and topology. The project will provide a parmament, very visible form increasing public	Harrison	Yes	No	No	Yes	No	Yes	No	N	lo	\$	800,000.00	\$ -			
				manneness of environmental issues and improving stewardship of the Mississippi costal ecology by example. The plantings will serve as an educational tool coordinating a permanent exhibition documenting the costal habitat restoration areas of the Museum grounds with a key and writem material available to schold groups and their valutos to the Museum. The Oh-O'Keefe is requesting funding to implement the Museum's restoration/Indicage project. In May 2011, landscage architect Thomas Doyle of LA-South in, with a team of dopologists, wellmads exististis and botanistis completed the material planting to the material section of the section of th																
				Indicage architecture of the DH-O'Xeefe Museum Ste. This plan is an overview of restoration plannings of native species, including replacement of Live Daks trees and other site specific species, for upland, risethwater wetland and beach/dune habitats as well as pedestrian circulation and human impact. The landscape master plan was approved by the Museum Board of Trustees Executive Committee in June 2011. The projected start date for the project is September 2013, when construction of all buildings has been completed. The line frame for the project is 10.41 commits, the total budget is \$80,000.00. Benefits																
				derived from this project include stabilization, restoration, and preservation of an important coastal ecosystem, enhancement of natural scein calanties in the coastal area, and education of 75000+ visitors annually regarding the importance of restoration and preservation of natural habitats and coastal wetland areas through exhibitions and educational programs at the Museum. Areas schot texteches will have the toportunity to use the Museum's hing laboratory as a visual learning texthingue integrating the Museum grounds and information into their lesson plans in academic subjects required by the Mississippi standard course of curricula.																
Research and Education	1610	10/26/2011	Restoration of Oyster Habitats in Point aux	(ORIGINAL IDI11425) A cooperative, federal, state, and private project to restore the Point aux Chenes Bay ecosystem and its historic opster habitats through: 1. The rebuilding of the Grand Batture islands with sediments maintenance-dredged from	Jackson	Yes	Yes	No	No	No	Yes	No	N	lo	\$	2,500,000.00	ş -			
			Chenes Bay in Eastern Jackson County, Mississippi, within Grand Bay National Estuarine Research Reserve	nearby channels or Mississippi Sound (USA-COE); 2: The removal of sections of man-made invest along US H/W 20 & the CSX Balcand that retrieves in forebase to the bay (MSOC SCX); 3: The restandion of freshwater inflows to restabilish proper estuarine conditions for cyster setting, survival, growth, & red development, 4. The re-establishment of water-bottom conditions through planting of cyster setting, survival, growth, & red development, 4. The re-establishment of water-bottom conditions through planting of cyster setting, survival, growth, & red development, 4. The re-establishment of water-bottom transplanting of live cyster stocks from Pascagaula Bay & Graveline Bayou by private cyster fibermen under the direction of MSP. 6. The removal of update Sources of domests & inductival watewaters that nor Mor vine Bayou Cundent & Bangs Lake																
				Donce. The removant operation sources of commerse, a moustain waterwares that now mow mito adjoit cumport a barring Ling (MuSCIQ). The reclassification of phart aux Chenes Bay & Bangis Lake a approved or conditionally-approved shellful- growing waters (by MuSOWR & USFDA). E. The requirement that Mississippi Phosphate Company restore Bangis Lake to its pre- add split status including the funding of optarter relations (hereing). The re-inhumsement of local object forkermen for assisting with oyster relaying & replanting in Point aux Chenes Bay & Bangis Lake, and Bangi Chenes, & Bumeset Bangis Lake Shows. Precentional optier fiberies in Point aux Chenes Bay, Bangis Lake, and Bangi Chenes, & Bumeset Bangis Lake Spous.																
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				Version and a contract of the second se							L.							
Research and Education	1614	12/2/201	Control Program-	(ORIGINAL ID#11538) Cogongrass (Imperata cylindrica) is an invasive, non-native grass, which occurs in the southeastern United States. A pest in 73 countries and considered to be one of the Top 10 Worst Weeds in the World. Cogongrass affects ecosyster	Hancock Harrison	Yes	NO	Yes	Yes	res	res	NO		Yes	3	10,000,000.00	annaan	
			Congongrass Eradication	survival, wildlife habitat, recreation, native plants, fire behavior, site management costs and more. Cogongrass is currently	Jackson,	5												
			Effort	documented in 62 of the 82 counties in Mississippi and has become an extremely serious problem in MS Gulf Coastal Counties.	eorge,Ha	r												
				Cogongrass negatively affects native ecosystems by creating a monoculture of itself wherever it occurs. It disrupts natural ecosystems and displaces native plant and animal species, including many listed as threatened or endangered, such as: the	rison,Jac son,Mob	с а												
				Gopher Tortoise, Black Pine Snake, MS Redbelly Turtle, Eastern Indigo Snake, MS Sand Hill crane, Red-Cockaded Woodpecker,	e,Hancoo													
				Yellow-Blotched Map Turtle, Pondberry, and Louisiana Quillwort. Cogongrass creates extremely hazardous fire conditions for	k,Hancoo													
				flora, fauna and humans. Due to it's high silica content, Cogongrass burns on the average four (4) times hotter than normal	k,Stone,S	ε												
				native fuel loads. Native ecosystems have evolved to thrive in normal pyric events. The hyper-intense fires of Cogongrass exceed the temperature level of normal environmental fires, thereby decimating native ecosystems and their inherent ability to	Tamman	y												
				recover and restore post-pyric biodiversity. Cogongrass also presents an economic strain to the already reduced economy of	ackson.P	ρ												
				South Mississippi. It competes with all species of timber producing trees for nutrients and water, thereby reducing financial	arl													
				forestry growth rates. Even domestic live-stock growers are affected because Cogongrass is not palatable to cows or other	River, Har	r												
				livestock. Various agencies, both federal and state, have conducted Cogongrass control programs throughout the state. While these have been effective at suppression on a local basis, none has had the means to attempt eradication, in a systematic	ison,Geo	r												
				logistical manner in South Mississippi along the Gulf Coastal Counties most affected by Cogongrass. Therefore the Mississippi	Re													
				Forestry Commission is soliciting the Restore Program for aid. The focus of this project will be eradicating the non-native,														
				invasive Cogongrass and restoring native ecosystems for the protection habitat for native flora and fauna. This is in turn will														
				increase biologic diversity and both the inherent natural and economic value of Gulf Coastal ecosystems and forest.														
				Proposal Objective: Identification/education/treatment program å€" Treatment of active cogongrass spots is very important in														
				the suppression of this non-native plant species. With the average cost being \$579 / acre for treatment, it is quite expensive an	d													
				cost prohibitive for many landowners to fund treatment. All of the funding for this project will be used to fund treatment														
				programs in Hancock, Harrison and Jackson Counties, MS. We will treat the small spots using MFC personnel. For larger areas,														
				we will schedule treatments by contract vendor. An extensive database will be maintained, along with GIS shape files, of all infestations mapped and treated.														
Research and	1615	12/9/2011	Increase the pace, quality	(ORIGINAL ID#11546) The Partnership for Gulf Coast Land Conservation project The Partnership for Gulf Coast Land	n/a	Yes	No	No	No	No	Yes	Yes		No		1,000,000.00	ş -	
Education			and permanence of	Conservation (PGCLC) is a new coalition of local, regional state and national land conservation organizations devoted to														
			voluntary land and water conservation through the	advancing land and water conservation in the Gulf of Mexico region. This initiative is organized under the auspices of the non- profit Land Trust Alliance (Alliance) and is patterned after other successful land trust coalitions across the country. Today our														
			conservation through the Partnership for Gulf Coast	profit Land Trust Alliance (Alliance) and is patterned after other successful land trust coalitions across the country. Today our membership consists of 25 national, regional and local land trusts operating in the Gulf States. The Partnership's mission is to														
			Land Conservation	work together across the five Gulf of Mexico states to increase the pace, quality and permanence of voluntary land and water														
				conservation in the coastal region. Land trusts are community-based non-profit organizations that work with landowners to														
				permanently conserve forests, rivers, farms, ranches and other natural areas critical to a sustainable environment and healthy,														
				thriving communities. Through this project, the Partnership proposes to: 1. Increase the effectiveness and efficiency of land trusts in the Guif Region. 2. Develop and promote a public policy agenda which will reduce the barriers to private sector														
				conservation efforts and increase funding for acquisition and restoration. 3. Develop collaborative projects that will enable the														
				land trust community and supporters to implement landscape scale conservation measures in the region. Collaborative project	s													
				may be built around water quality, critical habitat, or other criteria. 4. Participate in landscape-scale conservation planning in														
				collaboration with other conservation partners (resource agencies and other non-government organizations) that prioritizes habitat for endangered and threatened species, improvements to water quality, connectivity to other protected lands, trust														
				resources and important cultural and recreational features. 5. Participate in and coordinate our efforts with other ong oing														
				conservation planning and implementation activities through entities such as the Gulf of Mexico Alliance and the Gulf of Mexic	o													
				Foundation and others.														
Research and	1767	3/18/2014	4 Grand Bayou Ecological	The Grand Bayou Ecological Restoration project is in Campbell Bayou-Bayou Caddy watershed (HUC 031700091401) west of the	Hancock	Yes	Yes	No	Yes	No	Yes	No		No	\$	9,600,000.00	\$-	
Education			Restoration	City of Waveland in Hancock County, MS surrounding Buccaneer State Park. The project includes three interdependent estuarine ecosystems; 1) Grand Bayou, 2) Mud Bayou and 3) Jackson Marsh. Grand and Mud Bayous are open estuarine														
				marshes supporting sub-tidal and inter-tidal communities. The Mississippi Department of Marine Resources manages the 565														
				acre Grand Bayou as a Gulf Ecological Management Site for its special ecological significance and unique habitats for producing														
				fish, wildlife and other natural resources. Jackson Marsh is abuts Grand Bayou upstream. A low-head dam built in the 1960s														
				severely disrupted tidal influence in the marsh and freshwater flows into the Bayou. The altered hydrology and salinity allowed	1													
				the bayou and marsh to become infested with invasive aquatic species, e.g. water hyacinth, cattail and Chinese tallow in riparia	n													
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Research and Education	1768	3/19/2014	Restoration/Education	Ine bayou and markh to become infested with invasive aquatic species, e.g. water hyacinth, catali and Chinese tallow in nparia seres. Trash and debris further reduced flows and trapped sediment. The project will reestabilish linkages between these ecosystems by restoring, 1) the natural hydrology of 20,518 linear feet of streams and bayous and 2) 662 acres of adjacent wetlands and costal markh habitats. This will have significant and messurable benefits to highly altered costal streams and habitats by proording integrated, quarkit green corrison in urban/Juubran landscapes. Further, the project addresses stomwater management and will be designed and constructed to use natural hydrology to minimize ensoin and seture integration and will be designed and constructed to use natural hydrology. Modification or atternatives to the low-head dam will be evaluated and materials will be used to integrate her coughly 250. Ot the Cry of Waveshords Stormwater more fifth atterns Jackoon Markh and Grand Bayou in the natural hydrology. Modification or atternatives to the low-head dam will be evaluated and a solution negotiated with the property more. For vestainds, invasive vegetarion will be physically removed an drates markh plants with high phytoremediation potential jalanted. This will effectively and inspensively trat residual and periodic continuing ol-contamination once established. The restored hydrology will be presult historis to Buccaner's Stat with thy levels to enhance public access, netrate/docation, and to use to four instreptive aquitate of diparks and supplements three (1) other proposed restoration oprecists: 1) the Mississippi Department of Ervironmental Quality (MICCI) Restoration of Buccaner's Stat The MEC is requesting support for a coastal habitat restoration project at the mouth of Weeks Bayou in the City of Ocean	e f Jackson	Yes	No	No	No	No	Yes	Yes	10	No	4	158,855.00	\$ -	
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	1768	3/19/2014	Restoration/Education	Ine bayou and markh to become infested with invasive aquatic species, e.g. water hyacinth, catali and Chinese tallow in nparia seres. Trash and debris further reduced flows and trapped sediment. The project will reestabilish linkages between these ecosystems by restoring, 1) the natural hydrology of 20,518 linear feet of streams and bayous and 2) 662 acres of adjacent wetlands and costal markh habitats. This will have significant and messurable benefits to highly altered costal streams and habitats by proording integrated, quarkit green corrison in urban/Juubran landscapes. Further, the project addresses stomwater management and will be designed and constructed to use natural hydrology to minimize ensoin and seture integration and will be designed and constructed to use natural hydrology. Modification or atternatives to the low-head dam will be evaluated and materials will be used to integrate her coughly 250. Ot the Cry of Waveshords Stormwater more fifth atterns Jackoon Markh and Grand Bayou in the natural hydrology. Modification or atternatives to the low-head dam will be evaluated and a solution negotiated with the property more. For vestainds, invasive vegetarion will be physically removed an drates markh plants with high phytoremediation potential jalanted. This will effectively and inspensively trat residual and periodic continuing ol-contamination once established. The restored hydrology will be presult historis to Buccaner's Stat with thy levels to enhance public access, netrate/docation, and to use to four instreptive aquitate of diparks and supplements three (1) other proposed restoration oprecists: 1) the Mississippi Department of Ervironmental Quality (MICCI) Restoration of Buccaner's Stat The MEC is requesting support for a coastal habitat restoration project at the mouth of Weeks Bayou in the City of Ocean		Yes	No	No	No	No	Yes	Yes	10	No	5	55,855.00	\$ -	
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	1768	3/19/2014	Restoration/Education	The bayou and markh to become infested with invasive aquatic species, e.g. water fryacinth, catali and Chinese tallow in nparia area. Trash and debis further reduced flows and trapped sediment. The project will reestabilish linkages between these ecosystems by restoring, 1) the natural hydrology of 20.518 linear feet of streams and bayous and 2) 662 acres of adjacent wetlands and costal markh habitats. This will have significant and messarable benefits to highly altered costal streams and habitats by providing integrated, quarkit green conforts in ubark/sububan landscapes. Further, the project addresses stomwater management and will be designed and constructed to use natural hydrology to minimume erosion and sector particular the cosystems. The hydrology will be restored by removing trash and debis from the waterways and demucking accumulated sediment from hydrology. To the maximum enter particable, create infrastructure techniques and material will be used to integrate the couply 25% of the City of Vavelends stormwater run-off that enters Jackson March and Grand Bayou into the natural hydrology. Molification or alternatives to the low-bad daw will be evaluated and a solution negatized with the property owner. For wetlands, invasive vegetation will be physically removed and native mark plants with high phytoremellation nature/education trails and up to four interpretive pavilions to Buccameer State Parks trail system to enhance delivery of estuarme protectival planters. This will effectively accurate size and partice trains and accurate setting to a solution negating springe, MS. The disturbed property was the site of a private residual and periments and subplements than elgibiliter springer estoration property was the site of a private residential home constructed on filled coastal wetlands habitat. The better discurption to the restored coastal devolution project at Hernows is on finaturea. Karina and 300 and has remained undeveloped for the part eight yeres. The City of Ocean Springs Acquired this to the pro		Yes	No	No	No	No	Yes	Yes	10	No	ę	· 158,855.00	\$ -	
	1768	3/19/2014	Restoration/Education	In the bayou and markh to become infested with invasive aquatic species, e.g., water hyacinth, catali and Chinese tallow in nparia areas. Trash and devide further reduced flows and trapped sediment. The project will reestabilish linkages between these ecosystems by restoring, 1) the natural hydrology of 20,518 linear feet of streams and bayous and 2) 662 ares of adjacent wetlands and costal markh habitast. This will have significant and messuable benefits to highly altered costal terosma in habitats by providing integrated, quarkit gene controls in urban/suburban landscapes. Further, the project addresses stormwater management and will be designed and constructed to use natural hydrology to minimise ensoin and settions by providing integrated, quarkit gene controls in urban/suburban landscapes. Further, the project addresses stormwater management and will be designed and constructed to use natural hydrology. Modification or alternatives to the low-head dam will be ensubled and and materials will be used to integrate the cughly 236. The City of Wavelands stormwater run of that enters Jackson Markh and Ganda Bayou into the antural hydrology. Modification or alternatives to the how-head dam will be ensubled and a should negotizet with the property activation in the restored by frequent will be present historic talf-how and hydroles. The inhist physicomediation paternitip danted. This will effectively and inspensively trate testulai and periodic continuing oil-contamination once established. The second hydrology will be present historic talf-hows and hydroles. The hydrology and the property proposed restoration projects: 1) the Mississippi Department of Environmental Quality (MDEQ) Restoration of duscancer Stat hydroles; the minimum of the costand ecosystem is this project complements and sugnetion for duscancer Stat hydroles; the minimum of the costand ecosystem is the site will be an environ be restored to force and hydroles and the order of the pateright hydroles properion the network of these proposed restorati		Yes	No	No	No	No	Yes	Yes	10	No		158,855.00	5 -	
	1768	3/19/201-	Restoration/Education	The bayou and markh to become infested with invasive aquatic species, e.g. water hyacinth, catali and Chinese tallow in napria ereas. Trash and debis further reduced flows and trapped eadiment. The project will reestabilish linkages between these ecosystems by restoring, 1) the natural hydrology of 20.518 linear feet of streams and bayous and 2) 662 acres of adjacent wetlands and costal markh habitats. This will have significant and messurable benefits to highly altered costal streams and habitats by providing integrated, qualit gener confronts in urban/suburban landscapes. Further, the project addresses stomwater management and will be designed and constructed to use natural hydrology to minimume erosion and eader practicable, contin infrastructure techniques and materials will be used to use natural hydrology to minimume erosion and eader practicable, contin Instructure techniques and materials will be used to integrate the roughly 25% of the City of Wavelends stormwater run-off that enters Jackson Manh and Grand Bayou in the natural hydrology. Molification or alternities to the low-bad allow will be evaluated and a solution neglisted with the property owner. For wettlands, invasive vegetation will be physically removed and native mark plants with high phytoremeditation nature/education trails and up to four interpretive pavilics to Buscaneer State Larks to enhance delivery of estuarine proposed restoration project it. J I he Maissiopi Department of Environmential Duality (MKCI) Restoration to the entertoor Springs, MS. The disturbed property was the baits of a private residential and presents since yobic composition of Mices Stago units of the since Rest and hydrology will help return in tors to restore project will all 2.2 miles of antar electrone excess and hidnet restoration project at the more so is not intrusing katuration baits the MEC is reopend to property was the kite of a private residential hydrology on the City of Ocean Springs, MS. The disturbed property to take T and T as to the Mississip Costa		Yes	No	No	No	No	Yes	Yes	10	Νο	2	158,855.00	5 -	
	1768	3/19/2014	Restoration/Education	In the bayou and markh to become infested with invasive aquatic species, e.g., water hyacinth, catali and Chinese tallow in nparia areas. Trash and devide further reduced flows and trapped sediment. The project will reestabilish linkages between these ecosystems by restoring, 1) the natural hydrology of 20,518 linear feet of streams and bayous and 2) 662 ares of adjacent wetlands and costal markh habitast. This will have significant and messuable benefits to highly altered costal terosma in habitats by providing integrated, quarkit gene controls in urban/suburban landscapes. Further, the project addresses stormwater management and will be designed and constructed to use natural hydrology to minimise ensoin and settions by providing integrated, quarkit gene controls in urban/suburban landscapes. Further, the project addresses stormwater management and will be designed and constructed to use natural hydrology. Modification or alternatives to the low-head dam will be ensubled and and materials will be used to integrate the cughly 236. The City of Wavelands stormwater run of that enters Jackson Markh and Ganda Bayou into the antural hydrology. Modification or alternatives to the how-head dam will be ensubled and a should negotizet with the property activation in the restored by frequent will be present historic talf-how and hydroles. The inhist physicomediation paternitip danted. This will effectively and inspensively trate testulai and periodic continuing oil-contamination once established. The second hydrology will be present historic talf-hows and hydroles. The hydrology and the property proposed restoration projects: 1) the Mississippi Department of Environmental Quality (MDEQ) Restoration of duscancer Stat hydroles; the minimum of the costand ecosystem is this project complements and sugnetion for duscancer Stat hydroles; the minimum of the costand ecosystem is the site will be an environ be restored to force and hydroles and the order of the pateright hydroles properion the network of these proposed restorati	i	Yes	No	No	No	No	Yes	Yes	10	Νο		: 158,855.00	ş -	
	1768	3/19/2014	Restoration/Education	In the bayou and markh to become infested with invasive aquatic species, e.g., water hyacinth, catali and Chinese tallow in nparia areas. Trash and devide further reduced flows and trapped selfment. The project will reestabilish linkages between these ecosystems by restoring, 1) the natural hydrology of 20,518 linear feet of streams and bayous and 2) 662 ares of adjacent wetlands and costal markh habitats. This will have significant and messarubal benefits to highly altered costal iterasms and habitats by providing integrated, quarkit gene controls in urban/suburban landscapes. Further, the project addresses stormwater management and will be designed and constructed to use natural hydrology to minimize ensoin and setting by providing integrated, quarkit gene controls in urban/suburban landscapes. Further, the project addresses stormwater management and will be designed and constructed to use natural hydrology. Modification or alternatives to the low-head dam will be evaluated and a should not have and shall build for the cost of the c	i	Yes	No	No	No	No	Yes	Yes	20	No	c e	58,855.00	5 -	
	1768	3/19/201-	Restoration/Education	The bayou and markh to become infested with invasive aquatic species, e.g. water hyacinth, catali and Chinese tallow in nparia area. Trash and debts further reduced flows and trapped ediment. The project will reestabilish linkages between these ecosystems by restoring, 1) the natural hydrology of 20.518 linear feet of streams and bayous and 2) 662 acres of adjacent wetlands and costal markh habitats. This will have significant and measurable benefits to highly altered costal terosems and habitats by providing integrated, qualite green cordinas in urban/shububan landscapes. Further, the project addresses stomwater management and will be designed and constructed to use natural hydrology to minimum evoican and setter pascicability correct inflastructura transmitting accumulating accumulations in urban/shububan landscapes. Further, the project addresses stomwater management and will be designed and constructed to use natural hydrology to minimum evoican and setter pascicability correct inflastructura transmitter and the stomasting accumulations to indepart hydrology. Molitation or alternative transmitter name inflastructura transmitter and Grand Bayou into the natural hydrology. Molitation or alternative tale pascicability externation and a solution negative with the natural instrume circuits. This will effective and insegensively trans related and prained pascies. Timally, the project will add 2.2 nill is o nature/dicutation trails and up to four interpretive pavilies to Bayou and pascies. Timally, the project will add 2.2 nill is o nature/dicutation trails and up to four interpretive pavilies to Bayou and paves. This project complements and subplements three (3) lother proposed restoration project: 1: The Mississippi Department of Environmental Guality (MMCG) Retroation of Buccareer State Springs, M.S. The disturbed property was the site of a private residential home constructed on filled coastal wetsingent springs, M.S. The disturbed property to tacta Trats of the Mississippi Coastal Planc. Densewoils to the Add	i	Yes	No	No	No	No	Yes	Yes	10	No		· 158,855.00	\$ -	
	1768	3/19/2014	Restoration/Education	In the bayou and markh to become infested with invasive aquatic species, e.g., water hyacinth, catali and Chinese tallow in nparia areas. Trash and devide further reduced flows and trapped selfment. The project will reestabilish linkages between these ecosystems by restoring, 1) the natural hydrology of 20,518 linear feet of streams and bayous and 2) 662 ares of adjacent wetlands and costal markh habitats. This will have significant and messarubal benefits to highly altered costal iterasms and habitats by providing integrated, quarkit gene controls in urban/suburban landscapes. Further, the project addresses stormwater management and will be designed and constructed to use natural hydrology to minimize ensoin and setting by providing integrated, quarkit gene controls in urban/suburban landscapes. Further, the project addresses stormwater management and will be designed and constructed to use natural hydrology. Modification or alternatives to the low-head dam will be evaluated and a should not have and shall build for the cost of the c	i	Yes	No	No	No	No	Yes	Yes	10	Νο		5 258,855.00	5 -	
	1768	3/19/2014	Restoration/Education	The bayou and markh to become infested with invasive aquatic species, e.g. water hyacinth, catali and Chinese tallow in nparia area. Trash and debts further reduced flows and trapped ediment. The project will reestabilish linkages between these ecosystems by restoring, 1) the natural hydrology of 20.518 linear feet of streams and bayous and 2) 662 acres of adjacent wetlands and costal markh habitats. This will have significant and measurable benefits to highly altered costal terosems and habitats by providing integrated, qualite green cordinas in urban/shububan landscapes. Further, the project addresses stomwater management and will be designed and constructed to use natural hydrology to minimum evoican and setter pascicability correct inflastructura transmitting accumulating accumulations in urban/shububan landscapes. Further, the project addresses stomwater management and will be designed and constructed to use natural hydrology to minimum evoican and setter pascicability correct inflastructura transmitter and the stomasting accumulations to indepart hydrology. Molitation or alternative transmitter name inflastructura transmitter and Grand Bayou into the natural hydrology. Molitation or alternative tale pascicability externation and a solution negative with the natural instrume circuits. This will effective and insegensively trans related and prained pascies. Timally, the project will add 2.2 nill is o nature/dicutation trails and up to four interpretive pavilies to Bayou and pascies. Timally, the project will add 2.2 nill is o nature/dicutation trails and up to four interpretive pavilies to Bayou and paves. This project complements and subplements three (3) lother proposed restoration project: 1: The Mississippi Department of Environmental Guality (MMCG) Retroation of Buccareer State Springs, M.S. The disturbed property was the site of a private residential home constructed on filled coastal wetsingent springs, M.S. The disturbed property to tacta Trats of the Mississippi Coastal Planc. Densewoils to the Add	i	Yes	No	No	No	No	Yes	Yes	10	No		158,855.00	ş -	
	1768	3/19/201-	Restoration/Education	The bayou and markh to become infested with invasive aquatic species, e.g. water hyacinth, catali and Chinese tallow in nparia area. Trash and debts further reduced flows and trapped ediment. The project will reestabilish linkages between these ecosystems by restoring, 1) the natural hydrology of 20.518 linear feet of streams and bayous and 2) 662 acres of adjacent wetlands and costal markh habitats. This will have significant and measurable benefits to highly altered costal terosems and habitats by providing integrated, qualite green cordinas in urban/shububan landscapes. Further, the project addresses stomwater management and will be designed and constructed to use natural hydrology to minimum evoican and setter pascicability correct inflastructura transmitting accumulating accumulations in urban/shububan landscapes. Further, the project addresses stomwater management and will be designed and constructed to use natural hydrology to minimum evoican and setter pascicability correct inflastructura transmitter and the stomasting accumulations to indepart hydrology. Molitation or alternative transmitter name inflastructura transmitter and Grand Bayou into the natural hydrology. Molitation or alternative tale pascicability externation and a solution negative with the natural instrume circuits. This will effective and insegensively trans related and prained pascies. Timally, the project will add 2.2 nill is o nature/dicutation trails and up to four interpretive pavilies to Bayou and pascies. Timally, the project will add 2.2 nill is o nature/dicutation trails and up to four interpretive pavilies to Bayou and paves. This project complements and subplements three (3) lother proposed restoration project: 1: The Mississippi Department of Environmental Guality (MMCG) Retroation of Buccareer State Springs, M.S. The disturbed property was the site of a private residential home constructed on filled coastal wetsingent springs, M.S. The disturbed property to tacta Trats of the Mississippi Coastal Planc. Densewoils to the Add	i	Yes	No	No	No	No	Yes	Yes	10	No		158,855.00	5 -	

Research and	1772	3/20/2014	Marsh Restoration	This project will use the sediment removed from the bayous within the Bayou Cassotte-Pt Aux Chenes Watershed for marsh	Jackson	Yes	Yes	No	Yes	No	Yes	No	1	No	s	-	s -	
Education				creation pump It via sediment pipelines into an area of open water near the PF Aux Chenes Bay, Marshes within the watershed have degraded to open water from a combination of factors, including lack of natural fresh water and sediment input. The sediment removed from the first project will be transported via sediment pipelines into an area near Bangs take. The material will spread over the project area and become pirmarily contained with existing fund features. The pipeline will be canourlaged under the boardwalk in the area adjacent to the Bangs take Viewing Per and Park. Unlike most mash restoration projects that involve borrowing if material from adjacent shallow water areas within the landscape, this project will utilize renewable bayou sediment minimizing disruption of the adjacent water and marsh platform.														
Research and Education	1796		The Cawfuh Restoration Trail	Crawfish help to maintain the eco system by scarenging and eating alge that rob fish and plants of sunlight and oxygen. Crawfish help to maintain the eco system by scarenging and eating alge that rob fish and plants of sunlight and oxygen. Crawfish had out at a source of 600 for other animals. Ecoses crawfish is in Notrit America and the most common, the red swamp carwfish, can be found in abundance in the Mississippi Item Bain. However, there are two species of crawfish which can only be found in George, Green and Jackson Counties in Mississippi and Mobile County in Alabama, the dwaf crawfish and he least carwfish. Globally, NuturServe list that that us vulnerable while on the State/Province Conservation list they are considered impedied. Hope CDA request funds for the implementation of an environmental cultural stewardship program which would educate students and spure octourism using the crawfish is motivational symbol. OBECTIVE: Student Education a Education a Education a Education a Education a Education on the restoration size through maps and best management practices designed specifically for the project a Student Student for growth and spanning by increasing water temperature using solar technology at an artificial murchland system resteries of growth and spanning by increasing water temperature using solar technology at an artificial murchland system resteries of spont and spannes by the resteries of the crawfish and other animals and plants includuot and Research Project. 3. Sudent Stationand and Research Project. 3. Sudent swill clean site and mplement best management practices for the crawfish and other animals and plants includuot and Research Project. 3. Sudent Stationand Algour Courim 4. Sponces nart contests to design/sculpt a crawfish which could be used as conservation symbol and site marker along the frace. 5. Statest will clean a site and threes in three countles. 5. Sudents Restoration Tail (Tour) ² . 4. Shore application or link to the Hope CDA website will be d	Jackson	Yes	No	No	Yes	No	Yes	Yes		No		00,000.00		
Research and Education	1863		Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Living Shoreline Protection and Marsh Restoration	Hardening the Bay of Saint Louis with oyster and clam; reintroducing sea grasses along the shoreline compatible with tidal hydrology and salinity; monitoring both conservation and recovery are components of this project. By hardening the day of Saint Louis with oyster and clam; water quality will be improved. Erosion as seen on slides 4 and 5 should be reduced or eliminated and monitoring stations should show anticipated accretion. In conclusion, the project restores the shoreline, restores water quality and enables monitoring for both conservation and restoration progress.	Hancock	Yes	Yes	No	Yes	No	Yes	No	,	No		40,500.00	•	
Research and Education	1864	6/9/2014	Diamondhead Ecosystem Restoration, Stabilization and Sustainability Project - Water Quality Restoration Enchancement Project	Stream restoration, sedimentation control, ditch bank restoration, habitat restoration, natural resource and monitoring both conservation and recovery are the components of this project. Stream restoration will enhance the quality of water in adjacent waterways in addition to detention ponds and overflow discharge outfalls located within the City. In conclusion, the project restores streams and drainage discharge areas to its original state with the addition of sediment traps which makes beneficial use of runnefit.	Hancock	Yes	Yes	No	Yes	Yes	Yes	No	r	(es	\$ 1,68	88,000.00	s -	
Research and Education	2107	8/29/2014	Invasive Plant Species Control	Both terretrial and aquatic invasive plants are causing deviating effects to the naive Gulf Casat ecosystems, agriculture industry and public entities. Recent hurdrances spread many of these plants in the region. Grass Barnes, timber growens, livestock producers, horticulturalists and many others in the industry are becoming overwheimed with thres invasives. The hybric osci of tratement and the aggressive establishment of many of these plants in the region. Grass Barnes, timber growens, diversation, Native ecosystems are becoming greatly affected by these invasive plants as well, reducing biodiversity and decreasing native content and the aggression situation around structures. Aquatic Indicut for tortoises and other animals to burrow. Cognograss is highly combustible and burns at a much hofter temperature than native undergrowth, nometimes killing and/or tortoing and biods suitation around structures. Aquatic invasive liabiles that and break instable clock weat ways and biods unlight. Japanese dimiting there can pull down sapilogs and Clinese tallow tree and privet heige addition, we would belvely a tratement program and talk for basin, Local and Ferland Agnetiss, private buffictions would belvely a tratement program and talk for basin. Local and Ferland Agnetiss, private buffictions and object and belvely and the program and talk for basin. Local and Ferland Agnetiss, private buffictions are addition buffictions to deal with the encreachment of these species in the lower six countee of Mississipal.	Harrison, Hancock, Jackson	Yes	No	No	No	No	Yes	No	r	No	\$ 9,00	00,000.00	\$ -	
Reseach and Education	2163	2/2/2015	Onter Bayou Restoration Project at Beauvoir	The purpose of this project to implement the recommendations of The Nature Conservancy (TNC) assessment of Opster Bayu. The plan is to assess the conditions within the Opster Bayuo danage bains and develop a life of change improvements that can be implemented by stateholders to improve drainage and habitat conditions. Opster Bayou is a small tributary to the Mississips Sound has manders through the 52 acros of historic grounds of lefteron havir manasis from as Beauvir. Opster Bayou was once part of a relatively large drainage basin that extended west and north of Beauvoir and Beauvir Road. The drainage basin has been extensively developed with little regard for comprehensive and coordinated stormwater management within the basin. As a result, then has been an increased volume of water that flows through the lower portions of Oyster Bayou assign minor flooding and erosion which has impacted the natural habitat along the Bayou. The objectives of TNC's assessment are to 1] evaluate upstream drainage conditions that result in discharges if stormwater into Oyster Bayou 2) work with Beauvoir representatives and other stateholders to assess opportunities for additional stormwater treatment functions O Oyster Bayou. Ja sues: water flow duranteristics and methods to stabilize and enhance areas along the 2,250 linear feet of riparian habitat associated with the system; and 4) implement selected ecological restoration activities within the cyster Bayou durainge basin. The goal of Beauvoir's project will be to implement upstream drainage features west of Beauvoir Road that contribute to the quality and quantity of stormwater that discharges to Oyster Bayou. animories assimilative capasity and stormwater treatment habitatat discording at 0 toyler Bayou drainage basin; and provide education and outrach activities.	Harrison	Yes	No	No	Yes	No	Yes	Yes	Y	fes	S 1.00	00,000.00	\$ -	

																-		
Research and Education	4353	4/17/2015	Wolf River Preserve Restoration	Wolf River Preserve Restoration (estimated budget: 5451;500): Wolf River Preserve is a 2,245-score area protected by the DMR that contains expansive Bid af festivater and backish markh along the lower Wolf River, DeLisie Bayou, and Bayou Portage. DMR has identified the need to restore a natural hydrology to much of the Preserve, which is affected by unused logging roads and other barriers to natural sheet flow. This project will restore natural stream function and referivater flow to 000 across of estuativa and reflexivater reflexibility. The reflexibility of the new definicit logging roads, in cooperation with the DMR. Restoration strategies include intalling culvers and approprise leviewing to the restore natural stream flow, inclusing low water consings or removing unused logging roads to restore natural streem flow. Installing low activities will be developed with the DMR and the Mississippi Wildliff referention to host volumeters from the Mississippi tablacki Stewards Program.	Harrison	Yes	No	No	No	No	Yes	Yes	N	lo	\$ 451,500.0	0 \$ -		
Research and Education	5444	10/29/2015	Delisie Bayou Land Protection	The Land Trust for the Mississippi Castal Plain (TLMCP) is an accredited Land Trust dedicated to the conservation, promotion, and protection of open spaces and green places of coological, cultural or secies (significance in the conservation). Castal Plain, LTMCP utilities both fee simple and conservation easement tools in conserving land for the benefit of habitats, species, and recreation. This parcel is located along Delise Bayou in Harrison County, Mississippi and is part of the Delise water/host acreage to Delide Bayour. Protection of this parcel would be essential in maintaining green space within the surrounding community. This property would also serve as an outdoor classroom for nearby schools. Creates open spaces that will provide areas for people to witness and learn about their natural environment. Creates open spaces that will provide areas for people to witness and learn about their natural environment. Creates open spaces that will provide areas for people to witness and learn about their natural environment. Creates open spaces that will provide areas for low impact recreational activity, such as bird watching and other wildlife observation, fishing, neck-safing, and knayling. Protects emergent wegetation and subsurface vegetation that provides values required for wildlife to nest, rest, bred, and forga. Provides critical wintering and mingratory stop-over sites for mingratory birds. Protects certification and subsurface vegetation that provides values required for wildlife to nest, rest, bred, and forga.	Harrison	Yes	No	No	Yes	No	Yes	No	N	10	ş -	Ş -	Land Acquisi	tion
Research and Education	5450	11/11/2015	Longleaf Pine / Water Quality Restoration Project	A project that would look to restore/enhance and protect longleaf pine and bottomland hardwood habitat in the six coastal counties of Mississippi. The restoration and/or enhancement efforts would improve water quality and habitat for many species of wildlife including some listed and threatened and/or endangered.	Pearl River, Stone, George, Hancock, Harrison and	Yes	Yes	No	Yes	No	Yes	No	N	lo	\$ -	\$ -	Land Acquisi	tion
Research and Education	5476	4/20/2016	Horn Island	As part of the Gulf Islands National Seashore all available acres on Horn Island needs to be purchased to preserve the natural importance of untouched sand, dunes dotted with sea oats, tall pines on small groves, and a few inland lagoons. This magnificent Islands the result of a manelously rich coosynem that serves as home and nursery for an enormous arry of sea life. It is home to vaned wildlife including alligators, copreys, pelicans, ducks, tern, herons, and other migratory birds. The Sound and the Gulf host immerable species of sea life. The Island is undeveloped, and is a favorite boating destination for those living on the Mississippi Gulf Coast.	Jackson	Yes	Yes	No	Yes	No	Yes	No	N	10	\$ 2,850,000.0	0\$-		
Research and Education	5489	6/21/2016	Clermont Harbor Acquisition and Restoration	Clemont Harboronce featured a stately resort in western Hancock County built in 1915, with paddleboats, a dance pavilion, gates to the community, a pier and boat harbor. It was heavily damaged by the 1915 huritane, then rebuilt, and finally burned in 1946. Since Huritane Katima, many of the homeowners surrounding the Harboro have not returned, leaving a lage swath of land untended. Renew Our Hwest efforts to clear huritcane debris from the last Ifthy years have been an important step toward impriving water quality. The harbor connects to the Mississippi Sound through large culverts, instead of the open channel for boats that is once sported. However, It still acts as a marine nursery for fish and shellfult. Restoration of the marsh table along its edge. The project request is for acquisition and permanent conservation of adjacent lands, from willing owners. Those lands will be made accessible for public access to the waterway, and will support nature-based tourism with low-impact Improvements including: recreation that is, a pavilion, interpretive signage, restoration of the Clemont Harbor pillars, and a kayak launch.	Hancock	Yes	Yes	No	Yes	No	Yes	Yes	N	io la	\$ 250,000.0	0 \$ -		
Research and Education	5508	8/17/2016	Keegan Bayou Waste Water Treatment Plant Improvements for the Collection and Treatment of Sealood Industry Discharge	As part of the comprehensive public and private effort to improve water quality in the Back Bay of Bloxi before it reaches the Guil of Mexco, the City of Bloxi is requesting RSTORE funding to reroute seafood processing byproduct discharge and treat it as the Keegan Bayov Water Water Teament Plant. This project will result in benefits to the public by preserving existing levels of business and supporting expansion of the local autocid industry operating on the Back Bay while significantly constrained to the seafood of the	Harrison	Yes	100 Y	es	\$ 25,000,000 (0 \$ -								

Research and Education	5526	12/10/2016	Magnolia Bayou Acquisition and preservation/research center	Magnolia bayou is an approximately 87 acre bayou and stream that feeds into the Bay Saint Louis bay. It sits just behind the Froogles and to the east of Dunbar street off of Highway 90. It is relatively undisturbed, with homes surrounding the boundness of the bayou. Hancox Coundy does not have much in the way of environmental education centers, and this would be the perfect Location for it. There is a cleared tract of land that sits just off the service road that could serve as the parking lot and educational building location. The deucational center will offer classes on the natural environment in Hancock county, tours of the bayou, educational outpert to local schools and groups, etc. This will help bring eco-courism to Hancock county, start a grassoots deucational program with the local youth to teach them how to be environmentally conscious from a young age, and to preserve a very important piece of Hancock County for years to come.	Hancock	Yes	No	No	Yes	Yes	Yes	Yes	١	'es	\$-	\$-	and Acquisiti
				This project is flexible, but the important part is protecting this land from any future developments and to utilize it to educate our youth. If there are any questions about this proposal please don't hesitate to contact mel Thank you so much for indulging me in this proposal.													
Research and Education	5799		Pascagoula Tributaries Nutrient Reduction Project	The Guff of MexicoX4** health and productivity is directly and significantly influenced by the quality and quantity of free huse delivered bays and starkes in the Mixissippi Sound. In the Health and quantity of water induce the stark of the Starke starkes in the Mixissippi Sound. In the Health and the Starkes the stark is the Pacagoala River is heavily influenced by land use and the condition of Its tributary rivers. To make meaningful, measurable miprovements to the Restaquial River water quality and quantity it is necessarily to star in these tributary rivers and watersheds. The Pat Harrison Waterway Distric thas the legal authority and administrative mechanisms to coordinate federal governments in those efforts. In particular projects coordinated with county and city officials in the Boule, Lett and Chicksawhay Rivers and waterwises can mesurably and significantly improve the quality and quantity of water flowing into the Pacagoala River, the Pacagoala River, trees, logs, selement and foreign oblests from these views and their tributaries; 2) restore and all protect degraded river/tributary banks by implementing structural and non-structural measures; and 3) identifying and addressing nonpoint sources of nutrient loading in these rivers and their tributaries.	eorge		No	No	Yes	No	Yes	No		/es	\$ 5,000,000.00		
Research and Education	5826	8/10/2018	Middle Escatawpa Nutrient Reduction	Improve water quality by reducing nutrient loads to castal watersheds. Develop conservation plans on agricultural land and nural communities that support them to address nutrient and sediment runoff; and implement conservation practices lietafield in the conservation plans. The primary goal for this project is to improve water quality through nutrient and sediment reduction. The health of the Guil of Mexico depends you the health of its estuaries, oner 80 percent of the screage is in private conversion (USDANCE 2014) Mexico depends you the health of its estuaries, oner 80 percent of the screage is in private conversion (USDANCE 2014) reducing nutrients and the sedimatics, oner 80 percent of the screage is in private conversion (USDANCE 2014) reducing nutrients and the screamers correct waters in filter that the screage is an private conversion (USDANCE 2014) are a contributed on in mary instances, not the leading constitution waters in filter screage is an private conversion (USDANCE 2014) address nutrients and sediments that adversion affect the health of costat waters in the screage is an granular and the screamers concerns at their sources across multiple landures in the Middle Excatawapa River watershed. USDA will provide outreach and technical assistance to voluntary participants – especially on the most vulnerable acros in the smalless watershed practicable with the goal of making a discernable elifference in water quality at the watershed level. While this targeted and concernate approach, reduce nutrient loads to streams and downstream receivantion practices within the uster nutrient related resources, not mice leading out provide outseries of conservation practices within the smallest screen the articles outset shared would provide benefits to coastal waters and conservation practices within the uster nutrient related resources, reduce nutrient loads to streams and downstream receiving waters, and reduce water quality degradation in watersheds that would provide benefits to coastal watersheds and marin	Jackson, C	Yes	No	Yes	Yes	No	Yes	No		ko	\$ 2,000,000.00	Ş -	
Research and Education	5827		Upper Escatawpa Nutrient Reduction	Improve water quality by reducing nutrient loads to coastal watersheds. Develop conservation plans on agricultural land and rural communities that support them to address nutrient and sediment runoff, and implement conservation practices identified in the conservation plans. The primary goal for this project is to improve water quality through nutrient and sediment reduction. The hash of the Guild Neeko develop develop is the hash of the straines, and the hash of those coastal waters in filmeroed by land use in the watersholds of its tributaries. In the five Guild States, over 80 percent of the zerage is in private ownership (USDA-NHCS 2014) and is used for forstary and agricultures. This watershoft-active project restores water guilaity mapted by the DNH oil guild by reducing nutrients and the sediments starying them into coastal waters. Fundif from cospital, pastore, grassing difference and surver for forstary and guicitures. This watershoft-active project restores water guilaity impacted by the DNH oil guild by reducing nutrients and the sediments that adversely affect the health or costal waters in the Guild Mile agricultural land as a differes nutrients and elements that adversely affect the health or costal waters in the Guild Mile agricultural land as a differes nutrient related resource concerns at their sources arous multiple landuses in the Upper Excatawapa River watershed USDA will provide outreach and refinctual satistance to voluntary participants - especially on the most vulnerable arcs in the watershede-to develop conservation practice guid or making al discarable difference watershed indices and directical waters in the relation according to regrete and conservation practices within this targetest and concentrated approach is desired, the project proponent understands the voluntary nature of landower participation and will write to result in citical sources within the watershed. The proposed concernation practices would reduce nutrient losses from the landstage, reduce nutrien	George	Yes	No	Yes	Yes	No	Yes	No	ľ	40	\$ 2,000,000.00		
Research and Education	5828	8/10/2018	Hobolochitto Nutrient Reduction	Improve water quality by reducing nutrient loads to coatal watersheds. Develop conservation plans on agricultural land and nirral communities that support them to address nutrient and sediment runoff; and implement conservation practices identified in the conservation plans. The primary goal for this project is to improve water quality through nutrient and sediment reduction. The health of the Gulf of Mexico depends upon the health of the startles, and the health of those coatal waters in influenced by land uses in the watersheds of its tributaries. In the five Gulf States, over 80 percent of the acreage is in private ownership (USDA-NRCS 2014) and is used for forestry and agriculture. This watershed-scale project restores water quality impacted by the DWH of Juli July reducing nutrients and the sediments carrying them into coastal waters. Runoff from corpland, pasture, grassland, forest, urban areas contributes nutrients and advelopments. That watershed stretch the health occuta waters of the Gulf. While agricultural land as are a contribute that de resource contents that adversely affect the health occuta waters in the outer dail. While agricultural land as are a contributes and the stores at their sources across multiple landwales in the Hobolachit Creek watershed. USDA will provide outereach and technical assistance to voluntary participants – especially on the most vulnerable acres in the watershed-to develop conservation plans. The project proposes to implement dusters of conservation practices within the storeshed concentrated with the biolisiond, on storeshed conservation practices within the storeshed conservation plans. The project proposes to implement dusters of conservation practices within the storeshed conservation plans, the project proposes to implement dusters of conservation practices within the storeshed conservation and the biolisiond, on store the storeshed downstream receivities within the watershed - to develop conservation plans, the project proposes to implement dusters of conservation	Pearl River	Yes	No	Yes	Yes	No	Yes	No	ľ	40	\$ 2,000,000.00	\$ -	

Research Educatio		8/13/2018	Nitsissippi-Jourdan/Wolf Watershed Restoration	NOAX Project IBI13000: The Deepwater Horizon oil spill caused direct, significant and long-term ham to the Gulf of Mexico, Mississippi Sound Mississippi Sou	Harrison, Pearl River, Stone and	Yes	No	No	No	No	Yes	No	Ne		\$ 17,500,000.00	Ş -	
New Research Educatio		77 4/16/2019	Coastal Environment Land Protection	The Land Totat for the Mississippi Castal Plain (TLMCP) is an accredited and Totat dedicated to the conservation, promotion, and protection of open spaces and green places of ecological, cultural, or science significance in the counties of the Mississippi Castal Plain. TLMCP utilizes both fee simple and conservation easement on approximately 18 miles of the Wolf Rev North of 10 in partnership with The Wolf Rev Conservation Society (WRCS). WRCS is a non-profit corporation dedicated to conserving, maneging, and protecting the Wolf Rever and Issue advected from Is headwaters in Lauma County to its termination at the Bay of \$1. Loss. The State of Mississippi has classified the entrie length of the Wolf Rev Canada and Wolf Rever as a Fink A Wolfifie stream to protect recreational use and the propagation and maintenance of a healthy, well-Balanced populsion of fink and widelite. The Wolf Rever ada Initiated States and States and the advected the August and Mississippi S in States in States and the States of States and Mississippi S in States and the states and the August States in the State of Neurosci and Mississippi S in States and the August States and States and Mississippi S in States and the States of Mississippi August States and States and States and States and Mississippi S in States and the State of Mississippi S in States and the State of Mississippi August States and States and States and Parks an	Harrison	Yes	Yes	Yes	Yes	No	Yes	No	Ye	5	\$	Ş -	and Acquisition
New Research Educatio	n		Development of	The AGX will build the body of knowledge around the growing One Hoalth movement, a collaborative effort of multiple health cleanse professionals dis "vehroling medicine, human medicine, servicemental, willife and public health and the aptimal heaving medication will be an entry of the service of the ser	Harrison	Yes	No	No	Yes	Yes	No	Yes	Ye		\$ 2,500,000.00		
New Research Educatio		96 10/7/2019	STORM SURGE BARRIERS FOR BAY ST. LOUIS & BILOXI BAY	I HAVE A NEW CONCEPT FOR THE DESIGN AND CONSTRUCTION OF HUBBICANE STORM SUBGE BARRIES, BARRIES, THAT ARE SPECIFICALLY DESIGNED FOR OUR UNIONUE BARY MOUTHS. I THAVE THE APPROVALE OF THE CONCEPTS BY CLARK STANAGE, WHO IS THE LADA WATER CONTROLE NIGHIERE ROR THE WEST COAST US ABMY CORPS OF ENGINEERS, AND HAS BEEN SO FOR THE APAST 20 YEARS. IN HOME PHONE IS ESIGN 1437-253. THAVE THE APPROVAL OF THE GANCEPS OF SUBANS ASSOCIATION OF A SUB- SPAST 20 YEARS. IN HOME PHONE IS ESIGN 1437-253. THAVE THAVE THAT BOTTOMS FLUCH WITH THE BAY FLOORS. THE PHY HAVE VERTICAL SIDES, NOTOS, HINGED TO THE SIDES OF THE CLURETS ABK STORM SUBRE BARRIER BATES, SIMILE' IN CONCEPT TO CATEL BERGE APPROACHES OLD BARY, ABAD THE SIDE ANTEL CLURETS ABK STORM OR A HIGH-FLOODING TIDE. SA STORM SUBME APPROACHES OLD BARY, ABAD THE SID MATER LIVER SIDE STORME THE BAY FLOORS. THE PHY HAVE VERTICAL SIDES, NOTE DE DIE BAYS, THE CLURETS ABK STORM OR A HIGH-FLOODING TIDE. SA STORM SUBME APPROACHES OLD BARY, ABAD THE SID MATER LIVER CATES SIDE HEAD HAND HAVE THAVE UNICH VILL BERGE APPROACHES OLD BARY, ABAD THE STORM SUBCE HEAVEN OR A HIGH-FLOODING TO LOCKED CLOSED. WHICH WILL BERGE APPROACHES OLD BARY, ABAD THE STORM SUBCE HIGHE HAVA HAVE WE SIMILAR TO THE BOW OF A SHIP, WHICH WILL BERGE APPROACHES OLD BARY, ABAD THE STORM SUBCE HIGH WATER HOLDS THE GATES BACK OPPON. THEY ARE NOT LOCKED CLOSED. WHICH WILL BERGE AUCUS ADALIERAD BENDES I. MALL AVEL & AVEL AVEL SANCES PROVE THE ANTES ADAX OPPON. THERE DETAILS RAVIUSE THE ARE STORS STORM. THE HIGHER WATER HOLDS THE GATES BACK OPPON. OTHER DETAILS RAVIUSE FOR SHIPPING LANES, AND BALIERAD BRIDGES I. MALL URRENTLY WORKING WITH GULT COAST PRESTRESS FOR THE CONCRETE CULVERTS, AND TALIENDE TO ENNERRING COMPANIES FOR THEIR ASSISTANCE. FURTHER PLANS AND LOCATION DRAWINGS ARE AVAILABLE ON REQUEST.	HARRISO N, JACKSON, HANCOCK	Yes	Yes	Yes	Yes	Yes	No	Yes	Ye	S COMPLE E PROTECT ON FROM STORM SURGE	\$ 100.00	\$ -	

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New	Research and Education	5897	1/24/2020	Walter Anderson Museum of Art Creative Complex	coastal discovery and innovation, public access, and quality of life empowered by immersion in the natural world. The Creative Complex, a combined 15,000 square feet of interior and exterior spaces and public gardens, will be a center of education and	Jackson	Yes	No	Yes	Yes	Yes	No	Yes	70	Yes		\$ 2,500,000.00	uuunnuun	
					recreation where visitors make connections to 21st century landscapes and applications, including those in science and technology, aquaculture and foodways, tourism, environmental stewardship, and restoration.														
					The purpose of the project is to cultivate lifelong curiosity and connection to place through the convergences of culture, economy, education, and the environment. As American author Wondell Berry writes, Academine Theorem and the produce human sustemane, but only the two together, culturally weeded. Also														
					Art, as a force for meaning-making and cultural resonance, is critical to the story of the Guil Coast's resiliency. Walter Anderson's art contributes to the region's public education systems, tourism and community development, and conservation efforts. His studies of fords, fanau, and indicasges & eff and his history of exploring the barrier kindan wildeness & eff provide points of ignition for recreational and research-based programs that connect communities to their estuarine landscape, se well														
					as to the urgent need to study and protect them. WAMA's partners in science and restoration, including The University of Southern Mississippi Marine Education Center and the Grand Bay National Estuarine Research Reserve, are looking to art to communicate about complex systems. Accourgoal is conservation, but conservation is complicated ABBay Dr. Versio Baryo M et al.														
					AccConnecting nature, art and science is part of the heritage of the Guil Coast and that legacy is exemplified by Walter Anderson's work,#CBaye, Kelly Lucas, Ph.D., Interim Associate Vice President for Research of Coastal Operations and Director of the Thad Cochran Marine Aquaculture Center at The University of Mississippi.														
					áčce[Walter] Anderson is THE artist of the Gulf of Mexico,àEliwrites Jack E. Davis in his Pulitzer Prize-winning environmental history, "The Gulf: The Making of an American Sea." Anderson's journeys to the federally-designated wildemess of Horn Island from the 1946s through 1950s exposed him to its biodversity and te scientific and geographical importance. He desizted its and the science of														
lew	Research and Education	5993	7/20/2021	1 Jackson County Septic System Abatement Project Phase 2	Extension of sewer collection systems to underserved areas of lackson County including Vancleave, Hurley, Three Rivers, & Helena Areas with allowing for the conversion of approximately 900 residences from on-lot septic systems to public systems at no cost to the resident. Converted on-lot systems would be owned and maintained by JCUA.	Jackson	Yes	Yes	No	Yes	No	No	Yes	100	Yes		\$ 4,500,000.00	ş -	
				<u>.</u>	PROJECT CATEGORIZED TO BROADER PROGRAMS OR WRITTEN TOO E	ROAD	то и	IPLEM	NTED	(GREEI	V CELLS	5)							
		PROJECT	PROPOSAL			LOC_COU	BK FORCE DEVIELOPMENT	RESTORATION	ASTRUCTURE COMPONENT	ASTRUCTURE BUILDING POL	ECONOMIC DEVELOPMENT		EARCH AND EDUCATION	ALL BUSINESS	RISM	OTHER	IMATED_COST		AMENTS
	Go Coast	ID	DATE	PROJECT NAME	DESCRIPTION	NTY	Ň		INFE	N D	L L	DEC.	SEA 1	SMA	10	ACT	EST	Ĵ.	Ő
	Research and Education	1593	8/19/2011	I The Gulf Kestoration Fund	(DRGINAL LOBBST) The Gulf Restoration Fund supports organizations and individuals working on the restoration of the costal and marine costypers of the Gulf diversion. The Gulf diversion is the initial marget body of water in the world and home to over 15 QOO different species of plants and animals. While the damages and impact of the BP Deepwater Horizon explosion and subsequent spill are still being assessed, this fund focuses on the other 80% of the Galf that has been destroyed by decades of costal development projects, agricultural rundif, overfishing and pollution.	n/a	Yes	No	No	No	No	Yes	No		NO		\$ -	ş -	