

The Mississippi Restoration Summit 2021



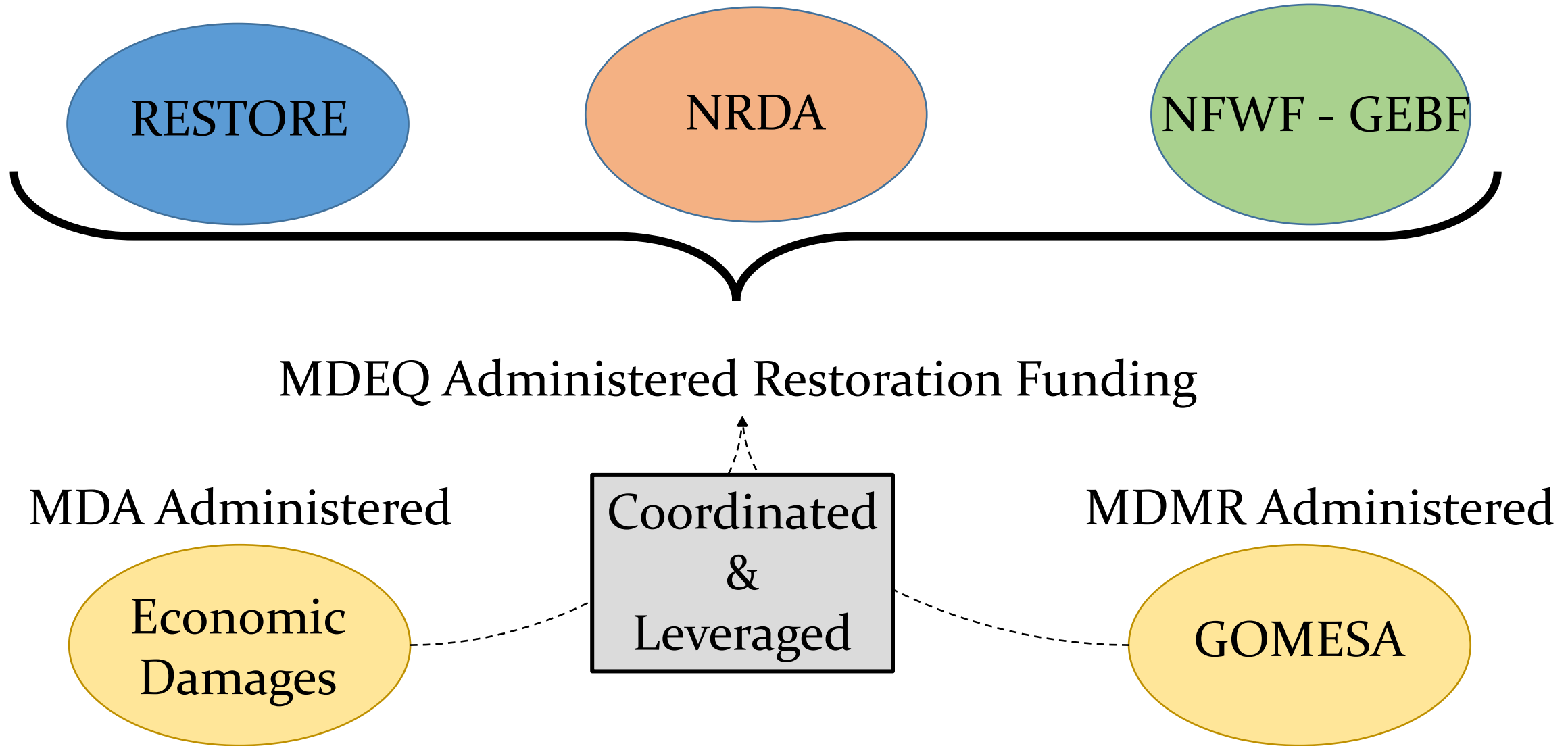
PRESENTATION WILL BEGIN SHORTLY ...

Welcome To The Mississippi Restoration Summit 2021



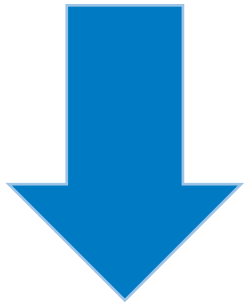
Chris Wells
Executive Director - MDEQ

Funding Streams



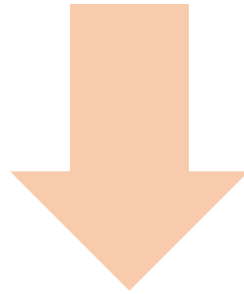
Restoration Funding Streams (MDEQ)

RESTORE



Civil Settlement;
Ecological and Economic;
5 buckets;
RESTORE Council and
Treasury Administered

NRDA



OPA Settlement;
Funding by resource;
Work through TIG;
Ecological focus

**NFWF
GEBF**



Criminal Settlement;
Plea Agreements;
Damage to Resources affected
by Spill;
Ecological focus

RESTORATION SUMMIT PURPOSE

The Restoration Summit was created for a number of purposes, including:

- A single venue to announce restoration projects
- Provide the coastal community an update on restoration projects
- Provide stakeholders feedback, input, and suggestions on restoration priorities
- Serves as the MS TIG Annual Meeting

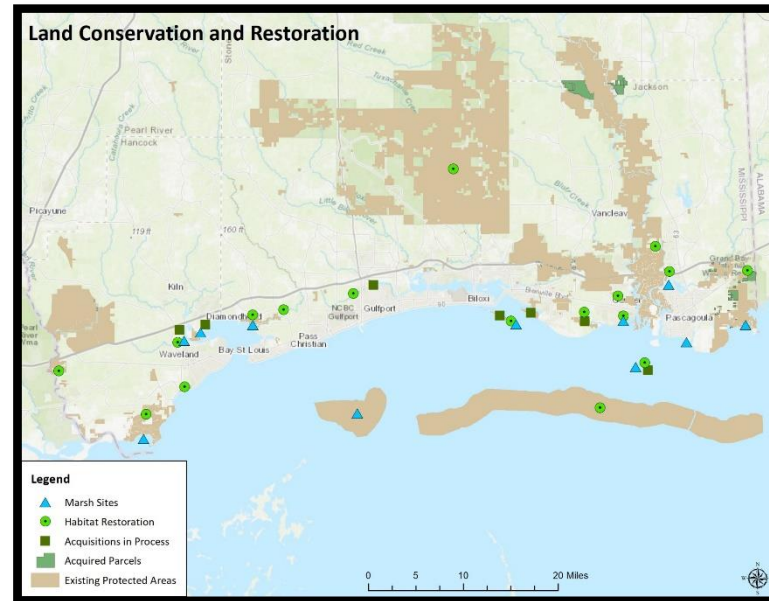
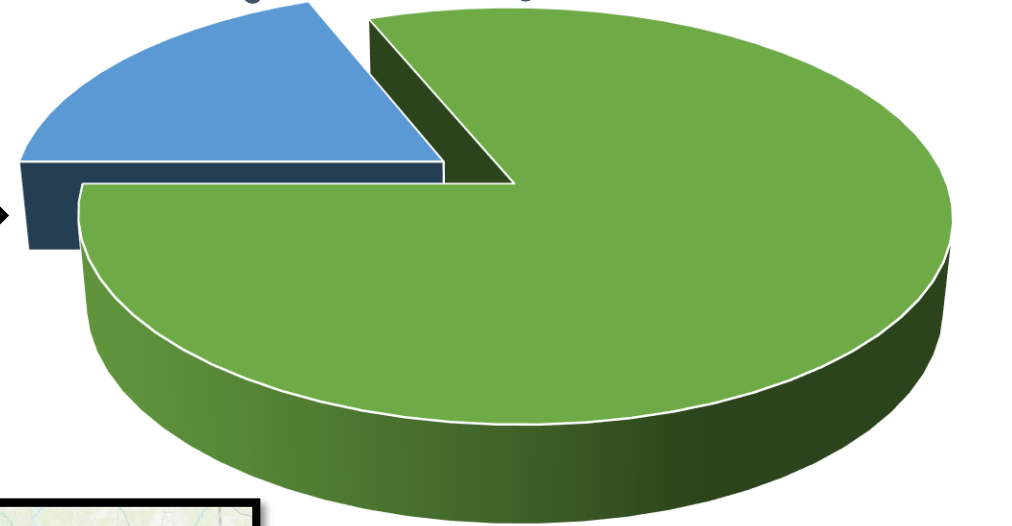


In 2020 – FOCUS: Progress



19.5%
Economic
Restoration

80.5%
Ecological
Restoration



In 2021 – FOCUS: IMPACT





Thank you to the interview participants for articulating what impact restoration has had in your lives.

New Project Announcements



RESTORE



2021 Governor's Gulf Coast Advisory Committee

- 6 Sub-Committees
 - Eco-Restoration
 - Economic Development
 - Seafood
 - Tourism
 - Small Business
 - Workforce Development / Research and Education
- Recommended projects to the Governor for selection
- \$62 million selected between Bucket 1 and Bucket 3

2021 MIP Project Selections

RESTORE Direct Component Bucket 1

Total MIP: \$34,210,000

Project Title	Eligibility	Funded Amount
Water Quality Improvement Program	Ecorestoration	\$1,100,000
MCCC Parking Lot Safety and Security Improvements	Tourism	\$1,540,000
Commercial Proving Grounds for Space to Sea Floor Environmental Monitoring	Workforce Development	\$1,650,000
City of Moss Point I-10 Commercial Corridor Improvements	Infrastructure	\$2,200,000
Hancock County Tech Park at Stennis Airport	Economic Development	\$2,200,000
GPT Project Ready Site Mitigation, Prep and Expansion / Facility	Infrastructure / Economic Development	\$7,370,000
Broadwater Marina Restoration Project	Tourism	\$5,500,000
Hancock County Fairgrounds revitalization	Tourism	\$6,050,000
Washington Street Gateway	Infrastructure	\$6,600,000

2021 RESTORE MIP

Water Quality Improvement Program

Eligibility: Ecorestoration

Activity: Implementation of new, repairing, or upgrading stormwater and wastewater systems, including septic to sewer conversions and conveyance and treatment.

Cost: \$1,100,000



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ENVIRONMENTAL QUALITY

2021 RESTORE MIP

MCCC Parking Lot Safety and Security Improvements

Eligibility: Tourism

Activity: Project funding for the continuation of previously funded improvements, including design, permitting, construction, and installation of parking lot and outer concourse safety and security features

Cost: \$1,540,000



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2021 RESTORE MIP

Commercial Proving Grounds for Space to Sea Floor Environmental Monitoring

Eligibility: Workforce

Activity: Development of airborne and waterborne unmanned systems test ranges to test and calibrate new unmanned systems from private, educational, governmental, and military entities.

Cost: \$1,650,000



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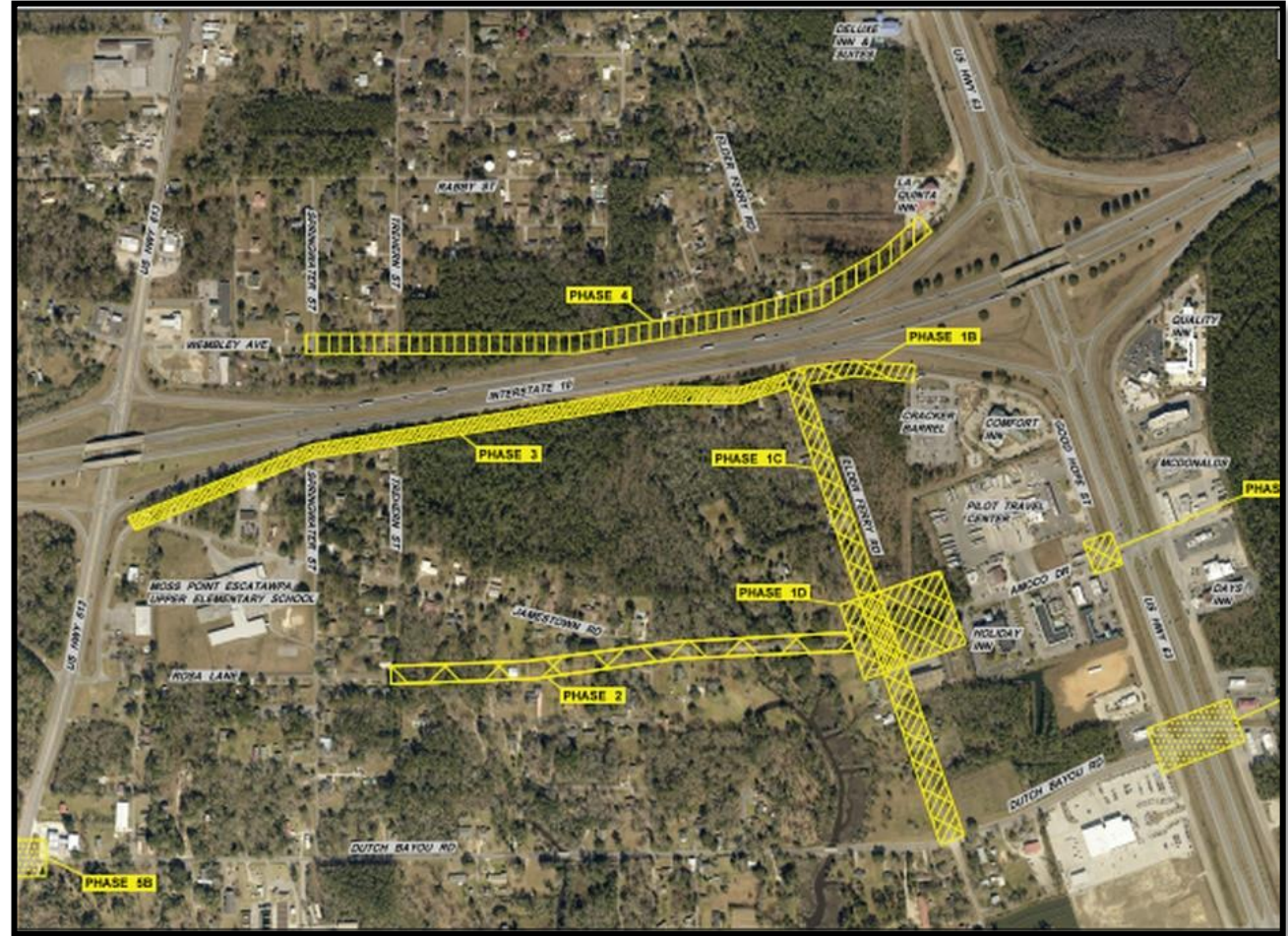
2021 RESTORE MIP

City of Moss Point I-10 Commercial Corridor Improvement

Eligibility: Infrastructure

Activity: Improve access, connectivity, and safety of the Moss Point Interstate Commerce District to enhance the economic and social outcomes of the city.

Cost: \$2,200,000



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2021 RESTORE MIP

Hancock County Tech Park at Stennis Airport

Eligibility: Infrastructure

Activity: Construct a building to house the Department of the Army's Joint Airborne Lidar Bathymetry Technical Center of Expertise (JALBTCX), which has outgrown existing incubator space

Cost: \$2,200,000



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2021 RESTORE MIP

GPT Project Ready Site Mitigation and Prep & Expansion / Facility

Eligibility: Infrastructure/ Economic
Development

Activity: 2 Projects. Mitigating,
clearing, and grubbing an economic
development site at Gulfport-Biloxi
International Airport; Expanding
241-acre, runway-adjacent Project
Ready site to attract industrial
aerospace investment .

Cost: \$4,180,000 + \$3,190,000



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2021 RESTORE MIP

Broadwater Marina Restoration

Eligibility: Tourism

Activity: Return 30 acres of state-owned lands to working condition for immediate public use and future tourism and economic development

Cost: \$5,500,000



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2021 RESTORE MIP

Hancock County Fairgrounds Revitalization

Eligibility: Tourism

Activity: Upgrades and improvements to the 80-acre fairgrounds and multipurpose arena including facilities and infrastructure to foster economic growth.

Cost: \$6,050,000



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2021 RESTORE MIP

Washington Street Gateway

Eligibility: Infrastructure

Activity: Construct pedestrian friendly features including sidewalks, crosswalk, landscaped median and install mast arm signals. Construct a landscaped median to better control access and provide for beautification

Cost: \$6,600,000



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2021 SEP Project Selections

RESTORE Oil Spill Component Bucket 3

Total SEP: \$28,050,000

Project Title	Eligibility	Funded Amount
MDA Public/Private Training Partnership – Accelerate MS	Workforce Development	\$2,200,000
Coastal Habitat Management Fund	Ecorestoration	\$3,300,000
Beachfront Resilience	Ecorestoration / Infrastructure	\$4,950,000
Gulf Coast CSET Tech Fusion	Workforce Development	\$5,500,000
Improvement of Wastewater Quality and Solid Waste Disposal from Shrimp Processors	Seafood	\$5,500,000
D'Iberville Working Waterfront and Seafood Harbor	Seafood	\$6,600,000

2021 RESTORE SEP

Public / Private Training Partnership Accelerate MS

Eligibility: Workforce Development

Activity: Develop and foster an ecosystem of collaboration to enhance workforce development in the three coastal counties.

Cost: \$2,200,000



2021 RESTORE SEP

Coastal Habitat Management Fund

Eligibility: Ecorestoration

Activity: Provide funding for management plans and management on existing and newly acquired coastal preserves tracts

Cost: \$3,300,000



Courtesy of Mississippi State University GSI



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2021 RESTORE SEP

Beachfront Resilience Program

Eligibility: Ecorestoration /
Infrastructure

Activity: Additional funding for enhancing and repairing Hwy 90 beach facing boardwalk/sidewalk, dune plantings and fencing to address sand migration on to HWY 90.

Cost: \$4,950,000



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2021 RESTORE SEP

Gulf Coast CSET Tech Fusion

Eligibility: Workforce Development

Activity: Project will focus on developing an Information Technology (IT) workforce for economic expansion, innovation, and societal growth.

Cost: \$5,500,000



2021 RESTORE SEP

Improvement of Wastewater Quality and Solid Waste Disposal from Shrimp Processors

Eligibility: Eco restoration /
Infrastructure

Activity: Project to fund
improvements to wastewater
treatment and solid waste disposal
from the shrimp processing industry

Cost: \$5,500,000



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2021 RESTORE SEP

D'Iberville Working Waterfront and Seafood Harbor

Eligibility: Seafood

Activity: Project to build a mixed use working waterfront and seafood harbor in D'Iberville

Cost: \$6,600,000



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NFWF-GEBF



2021 NFWF-GEBCF

West Hancock County Nearshore Habitat Restoration

Goal: Increase living coastal marine resource productivity, including mobile and sessile secondary producers, crabs, and fish species

Activity:

- E&D and Permitting Only.
- Future hard habitat implementation of artificial reefs and non-harvestable oyster reefs

Project Partners: MDWFP and MDMR

Project Cost: \$1,400,000



NFWF



2021 NFWF-GEBF

Point Cadet Nearshore Habitat Restoration

Goal: Shoreline protection for marsh creation, and increased living coastal marine resource productivity, including mobile and sessile secondary producers, crabs, and fish species

Activity:

- E&D and Permitting only
- Pairing it with upland City restoration activities and GOMESA funding
- Could allow for future implementation of living shoreline and submerged reefs

Project Partners: City of Biloxi and MDMR

Project Cost: \$400,000



NFWF



2021 NFWF-GEBF

Bellefontaine Nearshore Habitat Protection

Goal: Shoreline protection of Davis Bayou / Marsh Point

Activity:

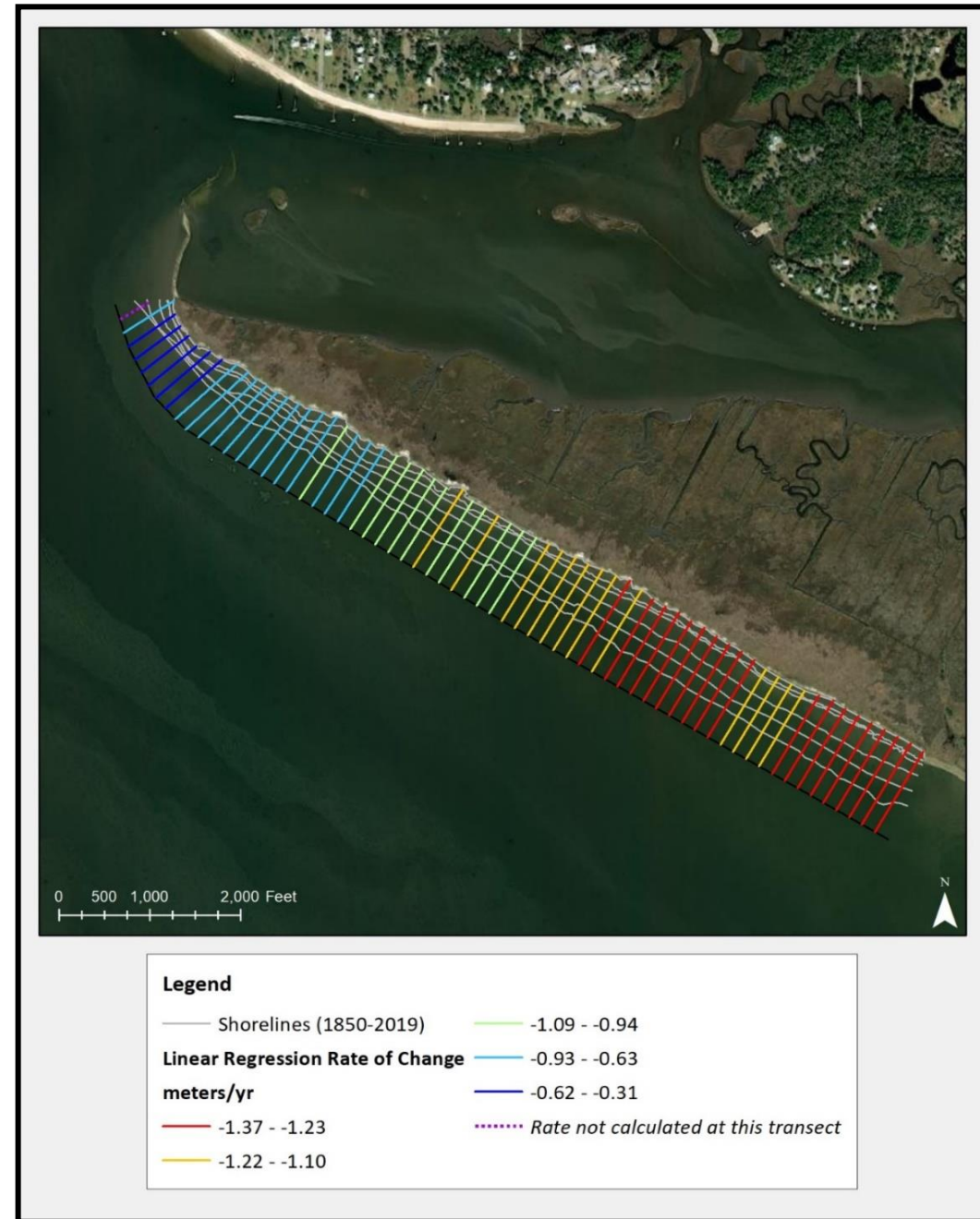
- E&D and permitting only to determine design and footprint
- Could allow for future implementation of approximately 9,200 ft of shoreline

Project Partners: MDMR and SOS

Project Cost: \$1,000,000



NFWF



2021 NFWF-GEBF

Offshore Artificial Reef and Habitat Enhancement: Barrier Island Reefs

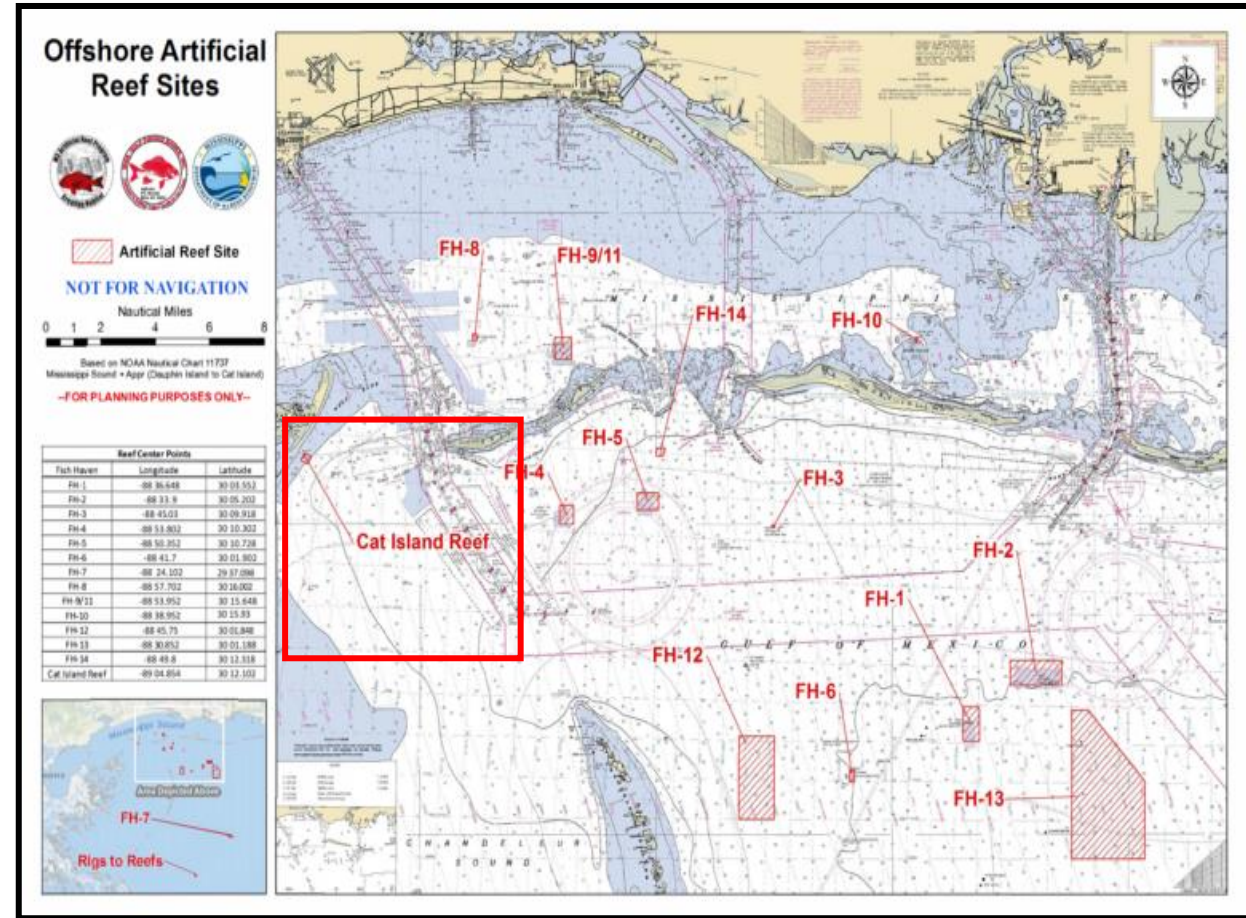
Goal: Enhance off-shore hard benthic habitat to benefit fisheries production artificial reef

Activity:

- Permit footprint (60 acres)
- E&D and implementation
- 20-25 ft of water

Project Partners: MDMR

Project Cost: \$3,125,000



2021 NFWF-GEBF

Artificial Reef and Habitat Enhancement: Katrina Key

Goal: Shoreline protection of Deer Island

Activity:

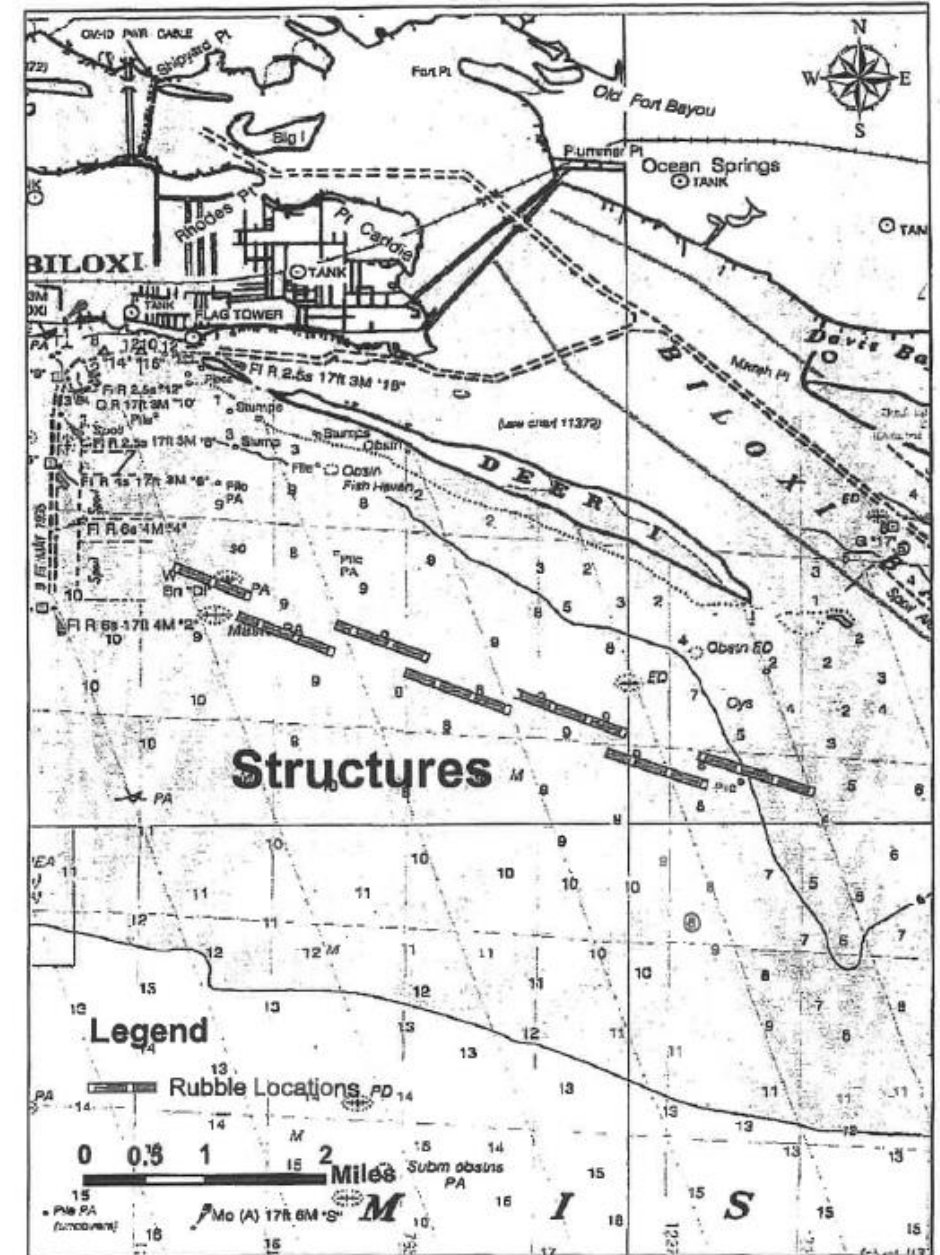
- E&D and Construction
- Living shoreline
- MDMR has an existing permit for construction
- Up to 4.5 miles total length

Project Partners: MDMR

Project Cost: \$8,500,000



NFWF



2021 NFWF-GEBCF



Inshore Artificial Reef Assessment and Petit Bois Planning – Phase I

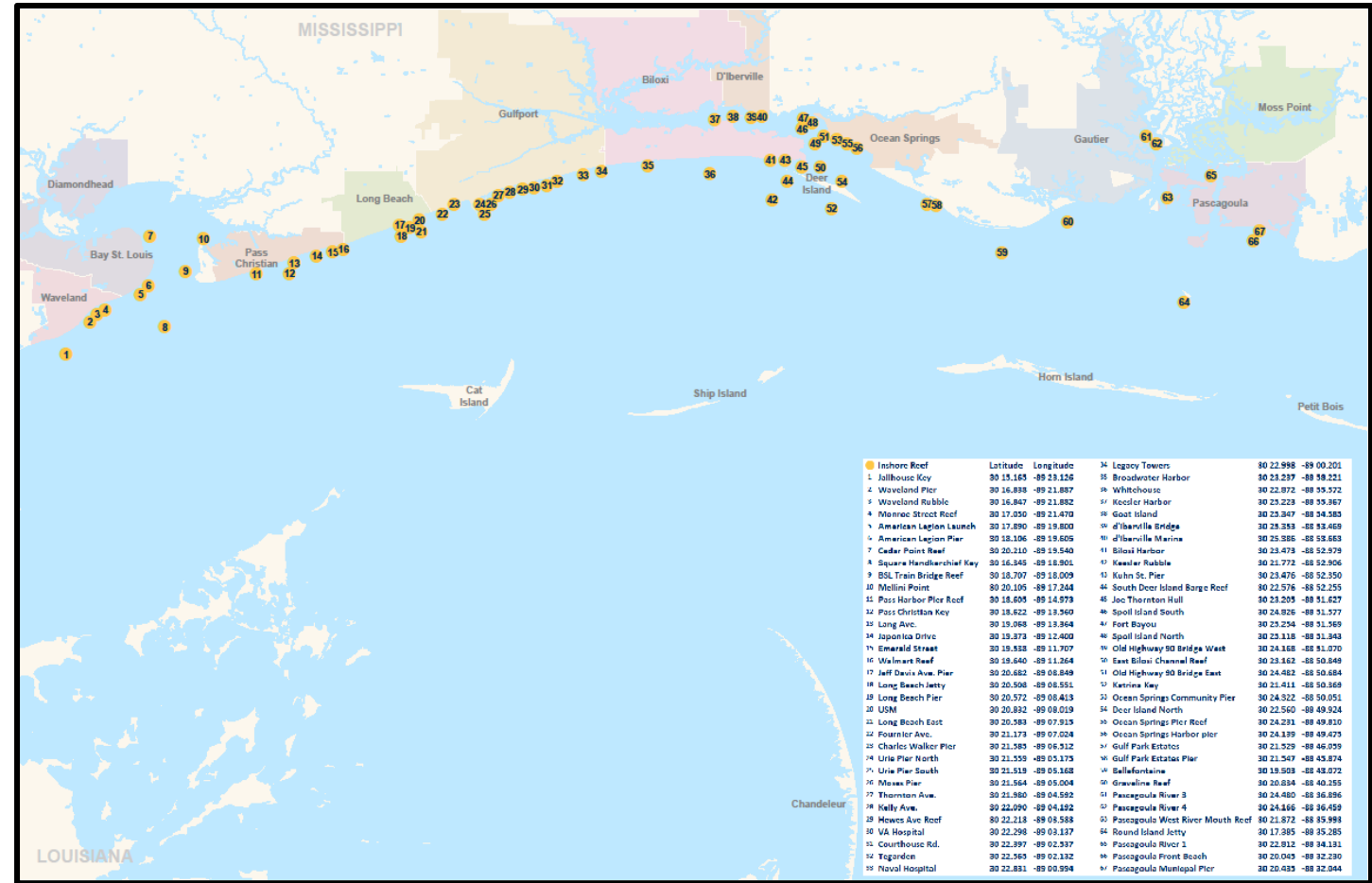
Goal: To restore and enhance secondary productivity and fish production

Activity:

- Planning only
- Examination of all inshore reefs
- Determination of best purpose – fisheries, secondary producers, oysters etc.

Project Partners: MDMR

Project Cost: approx. \$662,000



NRDA



Mississippi Trustee Implementation Group (MS TIG) Annual Update

NRDA MS TIG Annual Update

Members of the MS TIG



NRDA MS TIG

Reasonable Range of Restoration Alternatives for Draft MS TIG Restoration Plan 3 and EA		Estimated Project Costs
Restoration Type: Habitat Projects on Federally Managed Lands (FM)		
FM1. Improve Native Habitats by Removing Marine Debris from Mississippi Barrier Islands		\$3,000,000
FM2. Habitat Management on the Mississippi Barrier Islands		\$2,000,000
Restoration Type: Sea Turtles (ST)		
ST1. Maintaining Enhanced Sea Turtle Stranding Network Capacity and Diagnostic Capabilities – 3 Years		\$2,500,000
ST2. Maintaining Enhanced Sea Turtle Stranding Network Capacity and Diagnostic Capabilities – 5 Years		\$4,166,670
Restoration Type: Marine Mammals (MM)		
MM1. Maintaining Enhanced Marine Mammal Stranding Network Capacity and Diagnostic Capabilities		\$2,350,000
MM2. Marine Mammal Health Assessments to Monitor Restoration Effectiveness		\$3,000,000
MM3. Reduction of Marine Mammal Fishery Interactions through Trawl Technique and Component Material Improvements		\$3,000,000
Restoration Type: Birds (B)		
B1. Bird Stewardship and Enhanced Monitoring in Mississippi		\$6,105,500
B2. Bird Stewardship on the Mississippi Barrier Islands		\$4,105,500
Restoration Type: Provide and Enhance Recreational Opportunities (REC)		
REC1. Clower Thornton Nature Trail Improvement		\$630,000
REC2. Environmental Education and Stewardship at Walter Anderson Museum of Art		\$1,356,000
REC3. Mississippi Gulf Coast Pier Improvements		\$1,500,000

NRDA MS TIG Project Updates

NRDA MS TIG Update

Restoring Living Shorelines and Reefs in Mississippi Estuaries



NRDA MS TIG Update

Hancock County Marsh Living Shoreline Marsh Creation



PROGRAM UPDATES



The Restoration Portal

The Restoration Portal is getting a facelift and an upgrade.

Updates include:

- Archiving of outdated and completed proposals
- Extensive public engagement request to update project portal entries.
- Simplifying project entry process
- A call for portal projects

Early 2022 for Updates to Begin

