Mississippi Digital Earth Model (MDEM)

Overarching Staff Recommendations

The following recommendations for adoption by the Council apply to all of the framework layers included in MDEM.

1) All data included in MDEM must be compliant with the Federal Geographic Data Committee Content Standard for Digital Geospatial Metadata (FGDC CSDGM).
2) All data included in MDEM will meet United States National Mapping Accuracy Standards (USNMAS)
3) All geospatial applications included in MDEM must be compliant with Open Geospatial Consortium (OGC) interface specifications.
4) All data included in MDEM should follow the Federal Geographic Data Committee/American National Standard for Information Technology (FGDC/ANSI) Geographic Information Framework Data Content Standards
   a. Base Standard
   b. Cadastral
   c. Digital Orthoimagery
   d. Elevation
   e. Geodetic Control
   f. Governmental Unit Boundary Exchange
   g. Hydrography
   h. Transportation Base Standard
      i. Transportation: Air
      ii. Transportation: Rail
      iii. Transportation: Roads
      iv. Transportation: Transit
      v. Transportation: Inland Waterways
5) All data to be included in MDEM must be in one of 3 projections
   a. Mississippi State Plane East
   b. Mississippi State Plane West
   c. Mississippi Transverse Mercator (MSTM)
6) Establishment and maintenance of an official National Spatial Data Infrastructure (NSDI) metadata node for Mississippi