

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