

Data Formats

- *USGS DLG Optional*
- *ArcInfo Interchange*
- *ArcInfo Coverages*
- *ArcGIS GeoDatabase*
- *ArcView Shapefiles*
- *Intergraph Mapping Format*
- *Microstation Design Format*
- *FGDC Standard Metadata*
- *AutoCADD Drawing Format*
- *AutoCADD Exchange Format*
- *GeoTIFF / TIFF*
- *MrSID Compression*
- *Other GIS-Readable Imagery Available*



GDMIS combines capabilities in data acquisition, data integration, and subject matter expertise to identify important sources of information and integrate geospatial and tabular data accurately and in a way that is easily retrievable. GIS professionals are familiar with a range of data types including environmental monitoring and regulated facilities data, census, forestry, federal grants, municipal planimetric, and tax maps.

GDMIS searches, acquires, and formats national and state data repositories and integrate external data with local, information to user specifications. GDMIS adds considerable value to in-house data using topography, hydrography, flood map, census, soils, and other layers from national and state sources.

GDMIS is skilled at gathering existing digital data, rectifying each layer, and creating a database management system to maximize the use of existing data, thus minimizing costs. GDMIS recently performed this type of data gathering work for the Cape May National Wildlife Refuge in conjunction with the installation of a full GIS. We then trained Refuge personnel in ArcGIS, and system operation, backup, and maintenance.

GDMIS has also performed numerous analyses for the USFS in Region 5. GDMIS personnel have, performed spatial analyses for the Amphibian Conservation Assessment team, spatial analyses to assist the selection of pinyon pine survey points in Inyo National Forest, Owl habitat mapping of North Coast area of California, using different models for each owl habitat zone, classification and modeling of vegetation in Southern Sierra area of California, and Interpretation of satellite imagery (LANSAT TM) for identification of clearcut areas using ERDAS Imagine software.

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