

GIS

Solutions in the Water Environment

Taylor Engineering's certified geographic information systems (GIS) professionals routinely employ the latest version of ArcGIS to perform geospatial analyses, develop map products, and manage data for input to engineering models. In addition to our relationship with the ESRI Partner Network, we apply a wide variety of custom GIS tools to evaluate spatial data to create leading-edge solutions for water resources, land use, and environmental matters.

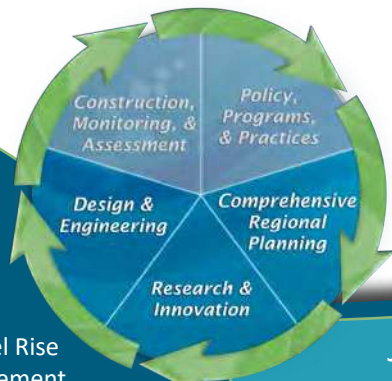
Our GIS team develops custom tools to ensure highly efficient analysis. Some of these tools include: a raster editing suite designed to perform a variety of editing and interpolation algorithms directly to raster images; a toolset for creating hydraulic structures such as levees and channels using triangulated irregular networks; a GeoLibrary website with search and filtering capabilities so users can easily find geospatial data on our network; as well as a miscellaneous compilation of tools used to expedite common GIS analysis functions.

GIS services include:

- Data collection
- Mapping
- Geodatabase development
- Asset management
- Spatial analysis
- Application development
- Reporting services
- Topographic data development
- System optimization
- Land use classification
- Image processing
- Flood risk development
- Geostatistics

Service Areas

- Beach and Inlet Management
- Policy, Planning, and Programming
- Flood Risk Management
- Marinas, Docks, and Piers
- Ports, Harbors, and Navigation
- Waterway and Marine Structures
- Water Resources Management
- Climate Change Resiliency and Sea Level Rise
- Dredging and Dredged Material Management
- Environmental Assessments, Permitting, and Restoration



Since 1983, Taylor Engineering has provided leading-edge solutions for water-related engineering, environmental, geographic information systems, and planning challenges.

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TAYLOR ENGINEERING, INC.

