GEO-ENABLING GOVERNMENT BUSINESS PRACTICES
UNITED STATES GEOLOGICAL SURVEY'S
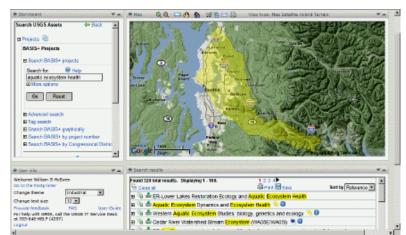## GEOSPATIAL MANAGEMENT INFORMATION SYSTEM

Introduction: The Geospatial Management Information System (GMIS) is a web-based, spatially-enabled management tool, provides one-stop access to information about USGS projects, people, offices, and publications. GMIS integrates information from multiple sources and features search options by topic and geographic area.

Value Statement: The USGS Science Strategy emphasizes the importance of data access and integration in enabling the Bureau to address the complex scientific challenges facing society over the next decade. Development of the GMIS responds to one of the specific recommendations on data integration outlined in the Science Strategy (U.S. Geological Survey, 2007, Facing tomorrow's challenges- U.S. Geological Survey science in the decade 2007-2017: U.S. Geological Survey Circular 1309).

What Functions Does GMIS Provide USGS Program and Project Managers?

- GMIS enables managers to perform textual queries, geospatial queries, and geospatial visualization/analysis on information about USGS science assets. Results include both narrative information and geographic locations for these assets.
- The GMIS user interface consists of four panes that provide different levels of project information review and visualization capabilities, including:
  - a navigation and search pane,
  - a map pane,
  - a user information pane, and
  - a search results pane.
- Custom-built storyboards with unique search capabilities can be created for various science projects to meet particular project needs.

How is GMIS Supported?

- GMIS is an open source, public domain, USGS distributed code.
- GMIS is continuously improved, using a collaborative design and implementation approach that merges requirements identified by scientists and managers for their information needs with the functionalities provided by the IT developers.
- Cyclic development allows rapid improvements to GMIS. New features can be provided in a few days.

How Can You Leverage the GMIS Model?

- Make use of the open source, public domain code base to use the GMIS software for your project management needs.
- Benefit from the GMIS team's lessons learned.

For Additional Information, Please Contact:

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