



Chesapeake Bay Program Information Delivery

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Principle Investigator(s):

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Collaborators: Chesapeake Bay Program (over 25 Federal Agencies, 6 States, the District of Columbia, and numerous local customers and partners)

Statement of Problem: The USGS Chesapeake Bay Science Program needs to:

- Continue disseminating information quickly and economically;
- Contain administrative costs for the Program;
- Coordinate the dissemination of scientific information about the Chesapeake Bay and its restoration with all Chesapeake 2000 signatories; and
- Provide geographic and graphical interfaces to Chesapeake Bay data in USGS national databases.
- Develop and enhancement of predictive management tools (2005)
- Participate with USGS scientists and resource managers in CBP subcommittees and workgroups (CIMS)

Objectives:

1. Operate three Web sites for the Program: a site for general information; a site for GIS data; and an internal-only site for USGS scientists and managers.

2. Develop GIS-based and other geographic and graphical interfaces to data pertinent to the Chesapeake Bay region housed in various USGS national databases.
3. Establish and maintain for the USGS a positive and prominent presence among other disseminators of scientific information about the Chesapeake Bay and its restoration.
4. Build a Web Mapping Service for viewing and sharing existing USGS GIS data and databases to outside users.
5. Build a Web Mapping Service to geospatially locate USGS research data and coverages in the ChesBay Watershed for USGS scientists.

Approach:

Maintain and operate primary Web site – Update news articles, press releases, graphics; add new pages; respond to e- mail inquiries; change spotlight items; support conferences and projects; add timely new features and archive stale features; add dynamic delivered content capability for increased efficiency.

Develop and operate a USGS ChesBay intranet – Create an internal-only Website for access only by USGS scientists; allow authenticated access from unpredictable IP addresses (such as hotels and other conference sites).

Develop and operate a Web Mapping Service for viewing and sharing existing USGS GIS data and databases to outside users – Add graphic and other geographic search and selection tools in order to allow users to find data pertinent to the Chesapeake Bay in national USGS databases quickly and easily.

Selected Reports and Other Products:

Website, Delivered: Primary Web site for USGS Chesapeake Bay Activities
<http://chesapeake.usgs.gov/chesbay/index.html>

Relevance and Benefits: These activities support the dissemination of unbiased USGS scientific information that supports the Chesapeake Bay Program.