

Subcommittee for Spatial Water Data (SSWD) FY 11 Report

Co-Chairs: Tod Dabolt (EPA)

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Purpose of the SSWD

To assist the ACWI and FGDC to coordinate Federal and non-Federal interests in spatial water data, including:

- (1) facilitating the exchange of information and transfer of data
- (2) establishing and implementing standards for quality, content, and transferability
- (3) coordinating the identification of requirements and the collection of spatial data to minimize duplication of effort where practicable and economical.

AGENCY PARTICIPANTS

Bureau of Land Management

Forest Service

National Weather Service

National Ocean Service

Natural Resources Conservation Service

Tennessee Valley Authority

U.S. Environmental Protection Agency

U.S. Geological Survey

U.S. Army Corps of Engineers

American Society of Civil Engineers

FEMA

Texas Water Development Board

National States Geographic Information Councils

SSWD Responsibilities:

- **Facilitate the coordination of organizations' activities related to spatial water data and the exchange of spatial water data, by formal and informal means.**
- **Facilitate the collection and compilation of information for spatial water data activities.**
- **Participate in consensus standards development and evaluation efforts of the private sector in the United States, by United Nations and by other international organizations, as appropriate.**
- **Identify ways in which the National Spatial Data Infrastructure can include scientifically sound and well documented spatial water data from many sources.**
- **Assist the ACWI and FGDC in establishing and publishing consensus standards and specifications for spatial water data, and recommend priorities for producing data sets.**

SSWD Responsibilities (cont)

- **Assist in the development and adoption of common standards and definitions for data elements, data content, format, and accuracy for spatial water data for use by all Federal agencies and to encourage use by non-Federal organizations.**
- **Promote wide use of defined and published spatial data transfer standards for spatial water data.**
- **Facilitate technology transfer for the economic and efficient application of spatial water data for decision making and scientific understanding.**
- **Support higher-order or crosscutting activities established or recognized by the ACWI or FGDC.**
- **Encourage organizations to provide for the permanent preservation of historically valuable data.**

2010 Accomplishments

- **Current Status**
 - Subcommittee is challenged to hold meetings quarterly.
- **Accomplishments in 2010**
 - The subcommittee focused on the following key items:
 - **Support of Senior Management Team for WBD (Watershed Boundary Dataset) and integration of WBD & NHD**
 - **Continued involvement and guidance in the development and maintenance of key national water datasets: WBD, NHD, NHDplus, NED/EDNA.**
 - **Collaboration with Water Resource Consortium to develop Water One-Flow, portal to explore and access water resources information nationally**
- **Emerging Issues**
 - **groundwater data sharing and interoperability**
 - **Geospatial framework for sharing of monitored water data**

2011 SSWD Workplan

- **Continued support and maintenance of key national water datasets**
 - WBD,
 - NHD, NHDplus,
 - NED/EDNA.
- **Work with Water Resource Consortium and CUAHSI to develop “Water One-Flow”, with an emphasis on Water Quality Monitoring and Stream Flow**
- **Facilitate Agencies adoption of spatial water standards**
- **Identify opportunities to increase accountability for publishing water data in accordance with standards**

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