

Intergovernmental Task Force on Monitoring Water Quality Strategy for Improving Water-Quality Monitoring in the United States

- Goal-Oriented Monitoring and Indicators
- Gather and Evaluate Existing Information
- Flexible And Comprehensive Monitoring
- Institutional Collaboration
- National/Federal Programs
- State and Tribal Program
- Watersheds and Local Jurisdictions
- Compliance and ambient monitoring coordination
- Volunteer Monitoring
- Methods Comparability
- Information Automation, Accessibility, and Utility
- Quality Assurance/Quality Control
- Assessment and Reporting
- Evaluation of Monitoring Activities
- Research and Development
- Training
- Pilot Studies

National Water Information System (NWIS) Water-Quality Web Services

Location Parameters

Bounding Box ?

North:
West: East:
South:

Distance within ?

miles from
Latitude:
Longitude:

State: [select](#)
County: [select](#)

Note: input fields accept semicolon-delimited values (where valid)

Site Parameters

Site Type: [select](#)
Organization ID: [select](#)
Site ID: ?
HUC: ?

Result Parameters

Sample Media: [select](#)
Characteristic Group: [select](#)
Characteristic: [select](#)
NWIS PCODE: 5-digit

Start Date (MM-DD-YYYY)

after and before

File Format

data

- WQX-XML ?
 Comma-separated
 Tab-separated
 MS Excel

Excel 2003 and earlier versions have a limit of 65,536 rows. If your download file exceeds this limit, only the first 65,536 rows will open.

map

- Keyhole Markup Language (KML)
KML output is available for the "Download Sites Only" option.

Compress

- zip

[Download Sites Only](#) [Download Results](#) [Show Request](#) [Reset](#)

[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#) [Data Disclaimer](#) [Provisional Data Statement](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

URL: <http://qwwebservices.er.usgs.gov/portal.html>

Page Contact Information: GS-W-QWWebServicesHelp@usgs.gov

Page Last Modified: Fri Aug 06 2010 11:33:23 GMT-0700

California Water Science Center Real-time Water Quality Sites

- [Home](#)
[Newsroom](#)
[Projects](#)
[Publications](#)
[GAMA](#)
[NAWQA](#)
[GIS](#)
[Hazards](#)
[Webcams](#)
[Links](#)
[Contact](#)

ABOUT CALIFORNIA WSC

Home Page

- Office Information
- Employee Directory
- Locations
- Employment
- Cooperators
- Information requests
- Links
- Outreach
- USGS Events

DATA CENTER

- [Google Maps access to CA hydrologic monitoring data](#)
[Precipitation](#)
[Streamflow](#)
[Ground-water Levels](#)
[Water Quality](#)
[Lakes](#)

Water Data

- [Maps](#)

NWISWeb

- [Real-time data](#)
[Site Information](#)
[Streamflow](#)
[Ground water](#)
[Water quality](#)
[Precipitation](#)

Historical data

- [Streamflow](#)
[Ground water](#)
[Water quality](#)
[Annual Data Reports](#)

WaterWatch

- [Floods/High flows](#)
[DroughtWatch](#)
[Ground water](#)
[2006 Streamflow Summary](#)

USGS IN YOUR STATE

USGS Water Science Centers are located in each state.



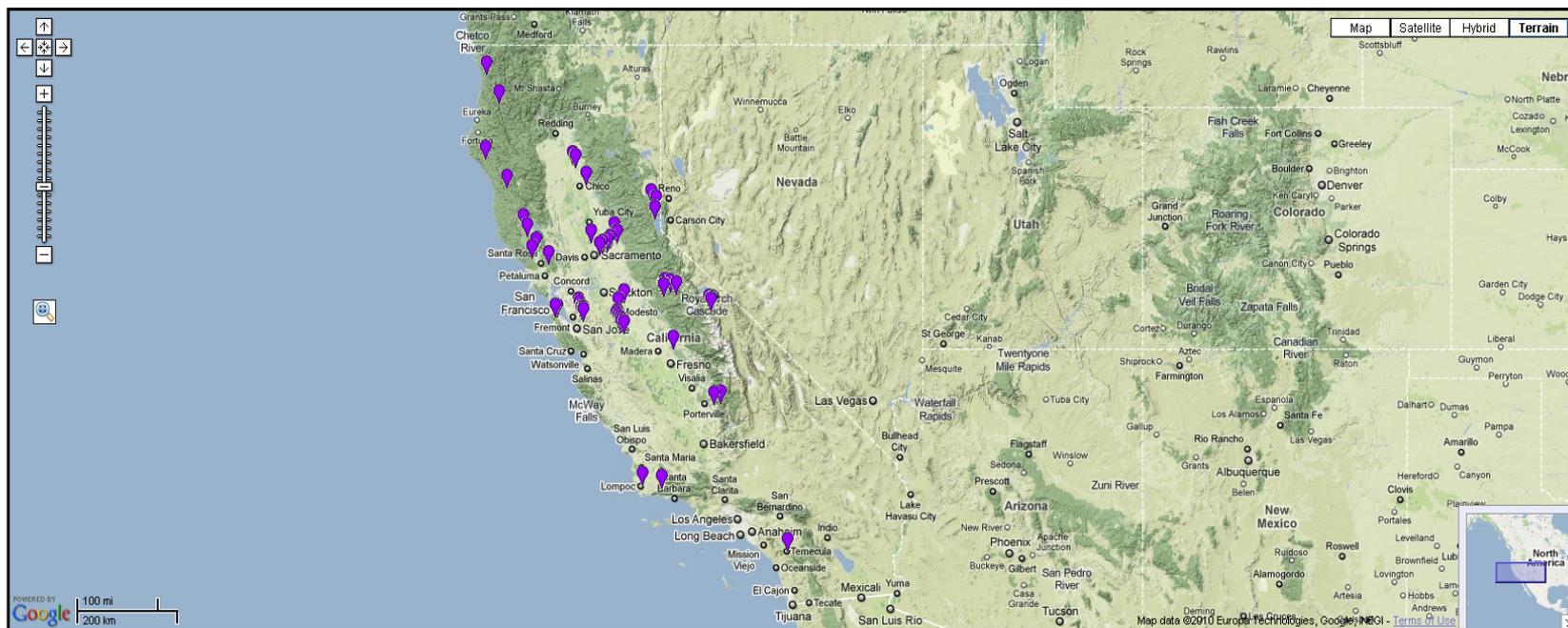
Real-time Water-quality Sites

Real-time water-quality sites - Data from automated equipment and represent the most current hydrologic conditions. Measurements are commonly recorded at 5-60 minute intervals and transmitted to the NWIS database every 1-4 hours. Real-time data are available online for 31 days. Values in pop-up bubbles are updated hourly from NWIS. [Additional data for real-time sites.](#)

Field water-quality measurements - Data from field and/or laboratory analyses of water samples, biological tissue, stream sediments, or other environmental samples. Data include approved, quality-assured data that may be published, and more recent provisional data, whose accuracy has not been verified. [Additional data for water-quality sites.](#)

Data are provisional and subject to revision.

Use the map's zoom tool below () to focus on your area of interest. Click on an individual site marker to view additional information about that site. Data are [provisional and subject to revision](#).



Search Tool: < Find Name < Find Site ID

Data Portals

- [Precipitation](#)
[Streamflow](#)
[Ground-water Levels](#)
[Water Quality](#)
[Lakes](#)
[Webcams](#)
[Current Weather](#)
[Annual Data Reports](#)
[Waterwatch](#)
[Floods/High Flows](#)

[Drought Watch](#)
[Earthquake Program](#)

WERC Research

-  **Amphibian Research and Monitoring**
-  **Ecosystems**
-  **Environmental Contaminants**
-  **Fire Ecology**
-  **Global Change**
-  **Invasive Species**
-  **Radio Telemetry & Satellite Tracking**
-  **Status and Trends of Biological Resources**
-  **Wildlife**

The Western Ecological Research Center (WERC) The Pacific Southwest is the country's most ecologically rich and diverse area. It contains a dazzling array of habitats from below-sea-level deserts to alpine tundra to coastal mountains, seashores, and marine ecosystems. The scientists of the Western Ecological Research Center reflect the diversity of this region with expertise in a wide range of disciplines. Their capabilities fulfill the varied needs of clients and partners, from ecological research, monitoring and technology development to basic biology and modeling.



Can't see Flash? Install [Flash Player](#) or use the [HTML version](#).

What's New

Publication Briefs

- Jan 06, 2010: Effects of Dust Deposition on Lane Mountain Hikevech
- Jan 04, 2010: Movement Patterns of Snakes in Fragmented Landscapes
- Nov 20, 2009: Greater Sage-Grouse Nesting Ecology

WERC in the news

- May 10, 2010: Biossecurity Plan for Palmyra Atoll
- Mar 30, 2010: USGS Launches Multidisciplinary Investigation of Northwest Pacific Sea Otter Populations and Nearshore Ecosystems
- Mar 15, 2010: Box Springs Field Station Released

WERC Highlights

Featured Projects

[A Field Guide to the Reptiles and Amphibians of Coastal Southern California](#); Field Guide Developed By: Robert Fisher and Ted J. Case with photos by Chris Brown



[Desert Tortoise Hibernation: Temperatures, Timing, and Environment](#); The federally listed Mojave population of the desert tortoise receives much attention from scientists and land managers alike. The cryptic behavior of [...more](#)



[Ecology of California Clapper Rails in the San Francisco Bay/Delta Region](#); The California Clapper Rail (*Rallus longirostris obsoletus*) is a federal and state listed endangered species restricted primarily to San Francisco Bay [...more](#)





Of Special Note

- » IOOS Data Catalog - version 1 now available
- » New data formats from IOOS server at NDBC
- » IOOS Response to Deepwater Horizon Oil Spill
- » NOAA's Deepwater Horizon Oil Response
- » IOOS Report to Congress
- » Implementation Guidance of the IOOS DMAC
- » MTS 2009 - Ocean Observing System Technical Track
- » Secretary Gary Locke - Scarlet Knight Landing
- » National Surface Current Mapping Plan
- » Federal Funding Opportunities
- » Waves Plan
- » IOOS Timeline
- » Business Case for Improving NOAA Management and Integration of Ocean and Coastal Data

U.S. IOOS®: Our Eyes on Our Oceans, Coasts, and Great Lakes.

Providing the data and information needed to improve safety, enhance our economy, and protect our environment.

The Integrated Ocean Observing System (IOOS®) is a federal, regional, and private-sector partnership working to enhance our ability to collect, deliver, and use ocean information. IOOS delivers the data and information needed to increase understanding of our oceans and coasts, so decision makers can take action to improve safety, enhance the economy, and protect the environment.

<p style="text-align: center;">DATA CATALOG</p>	<p style="text-align: center;">DATA MANAGEMENT</p> <p>Data Integration Framework (DIF) Data Management and Communications (DMAC) DMAC Steering Team</p>	<p style="text-align: center;">COMMUNICATIONS</p> <p>Press Room Calendar of Events Messaging Materials Brochures, Videos, Podcasts Z-grams</p>
<p style="text-align: center;">REGIONAL PARTNERS</p>	<p style="text-align: center;">INTERAGENCY PROGRAMS</p> <p>Ocean Observatories Initiative Marine Protected Areas National Water Quality Monitoring Network</p> <p style="text-align: right;">more...</p>	<p style="text-align: center;">GLOBAL OBSERVATIONS</p> <p>Global Ocean Observing System NOAA's Global Component of U.S. IOOS Group on Earth Observations</p>

Features:

Mark your calendars

NWQMC

Meeting

December
7 - 9, 2010

Location:
Pensacola, FL



Water Information Coordination Program

The WICP ensures collaborative efforts among Federal Agencies to improve water information for decisionmaking about natural resources management and environmental protection.

Advisory Committee on Water Information

The ACWI represents the interests of water-information users and professionals in advising the Federal Government on Federal water-information programs and their effectiveness in meeting the Nation's water-information needs.

Subgroups

MONITORING



The [National Water Quality Monitoring Council](#) (NWQMC) provides a national forum for coordination of consistent and scientifically defensible methods and strategies to improve water quality monitoring, assessment and reporting.

METHODS



The NWQMC [Methods and Data Comparability Board](#) provides a forum for exploring, evaluating, and promoting methods that facilitate collaboration and further comparability between water monitoring programs.

NAWQA LIAISON



The [National Liaison Committee](#) (NLC) for the [National Water Quality Assessment Program](#) (NAWQA) creates an ongoing national liaison process for external organizations to work interactively with the NAWQA Program in joint problem solving on water quality issues.

GROUND WATER



The goal of the [Subcommittee on Ground Water](#) is to develop and encourage implementation of a nationwide, long term ground-water quantity and quality monitoring framework that would provide information necessary for the planning, management, and development of ground-water supplies to meet current and future water needs, and ecosystem requirements.

HYDROLOGY



The [Subcommittee on Hydrology](#) desires to improve the availability and reliability of surface-water quantity information needed for hazard mitigation, water supply and demand management, and environmental protection.

SEDIMENTATION



The [Subcommittee on Sedimentation](#) promotes and supports the development and standardization of equipment, methodologies tools, and calibration, and performance criteria for the collection, analysis, interpretation, interchange, and dissemination of fluvial-sediment data and related technical information.

SPATIAL WATER DATA



The [Subcommittee on Spatial Water Data](#) jointly sponsored with the [Federal Geographic Data Committee](#) develops water-resources components of the National Spatial Data Infrastructure.

SUSTAINABLE WATER



The [Sustainable Water Resources Roundtable](#) serves as a forum to share information and perspectives that will promote better decisionmaking in the United States regarding the sustainable development of our nation's water resources.

FORMER SUBGROUPS

- [Cooperative Water Program](#) (1999)
- [Streamgaging Task Force](#)
- [Total Maximum Daily Loads \(TMDL\) Science Issues Conference](#)
- [2004 Cooperative Task Force Program](#)

[ACWI Organization Chart](#)

[ACWI Subgroup Contacts](#)

[ACWI Authority](#)

[ACWI Charter](#)

[ACWI History](#)

[Related Programs](#)

[Site Map](#)

[GSA/FACA](#)

[Water Glossaries](#)

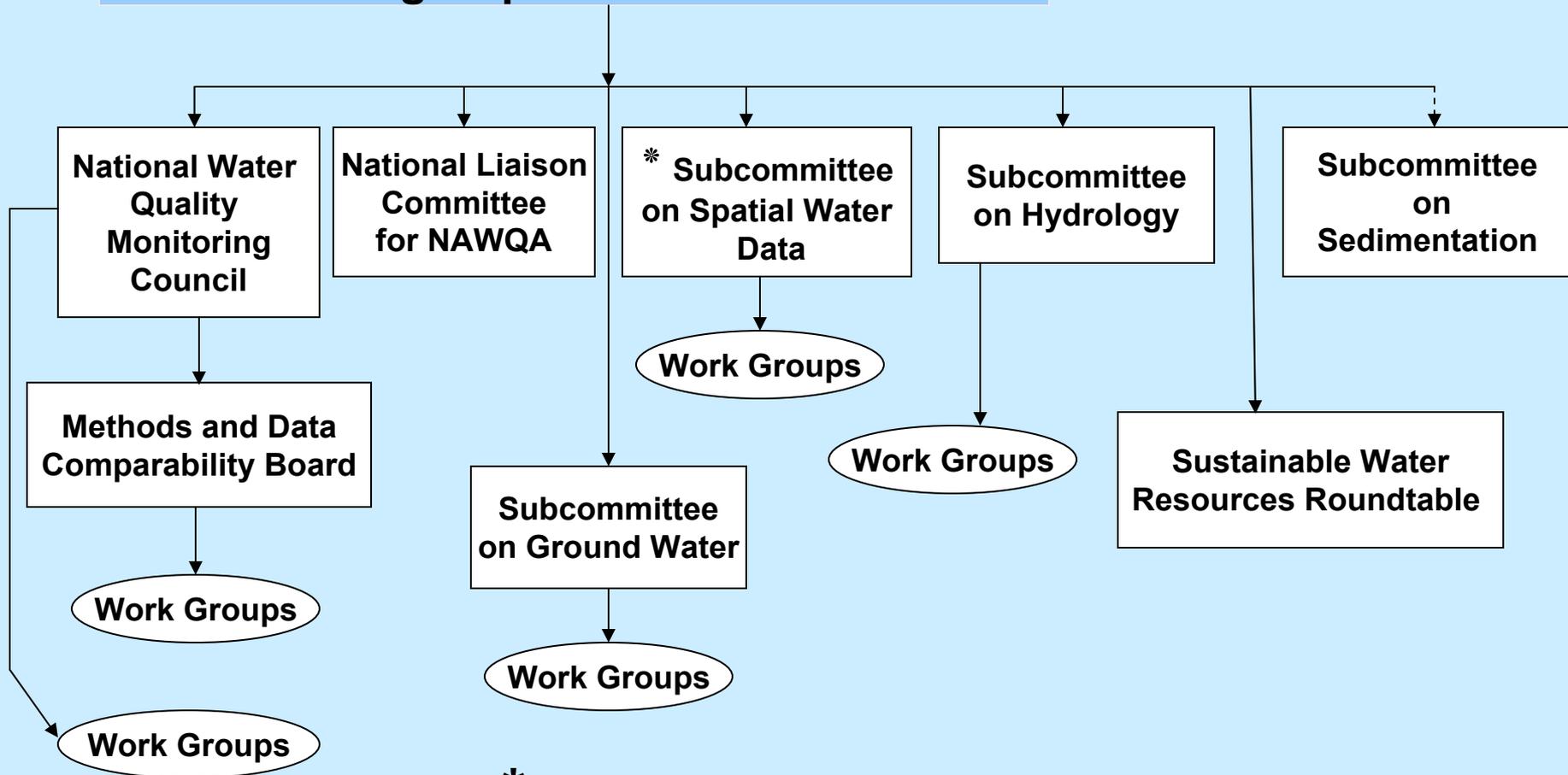
[General Water Questions?](#)

[Home](#)

[USGS Water Resources](#)

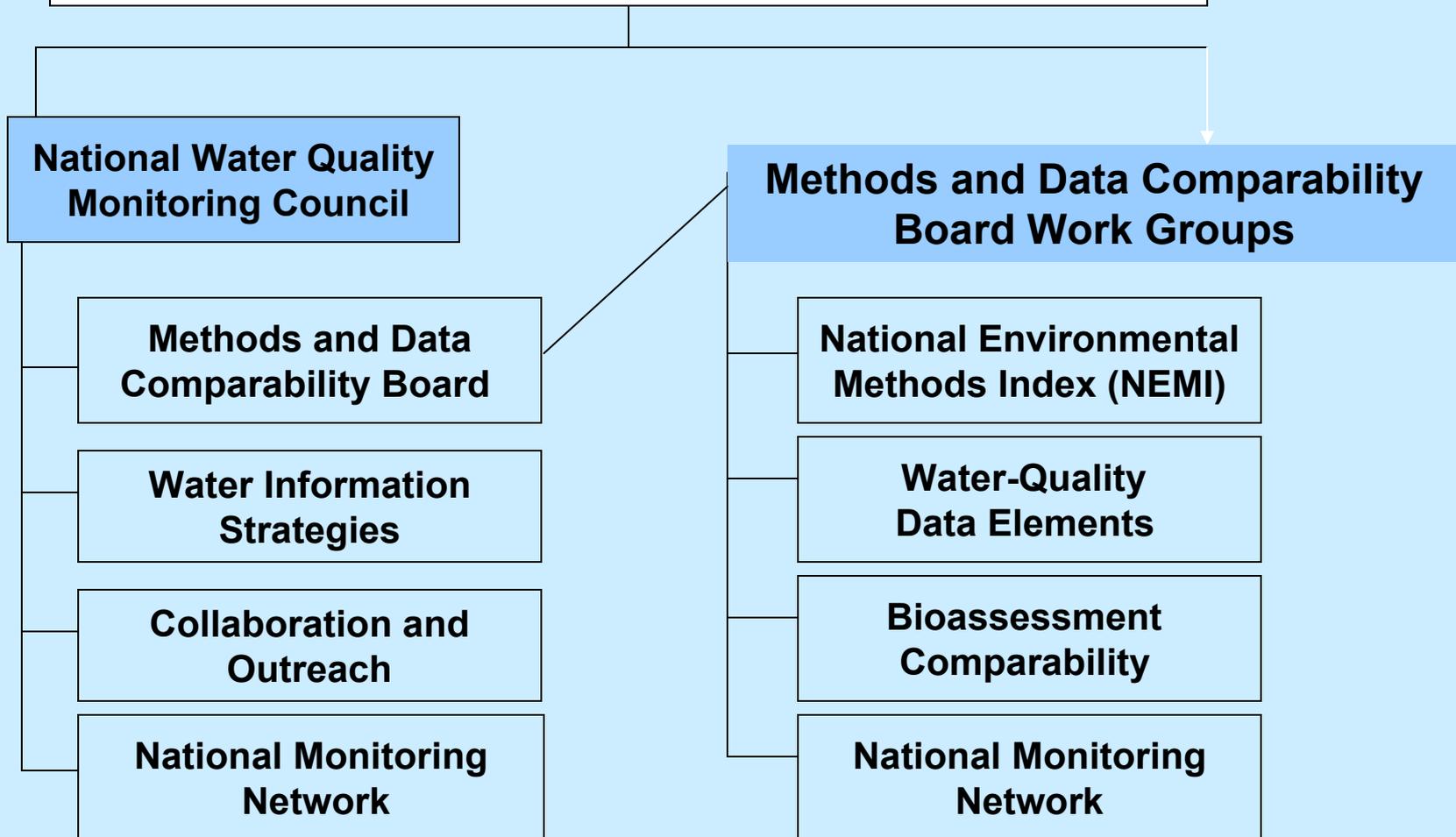
Advisory Committee on Water Information

Subgroups / Task Force



* Also reports to [Federal Geographic Data Committee](#)

Work Groups Reporting February 2009

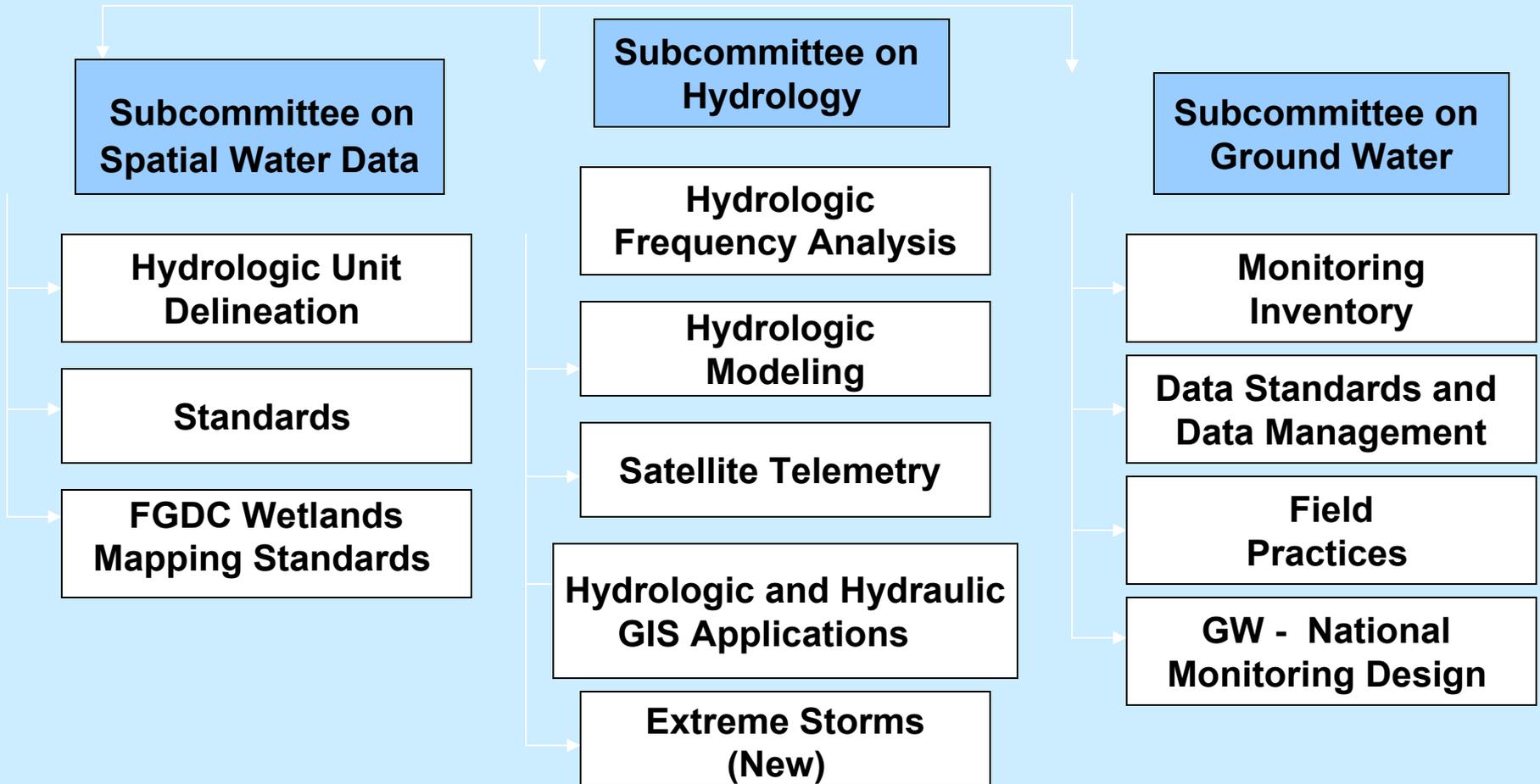




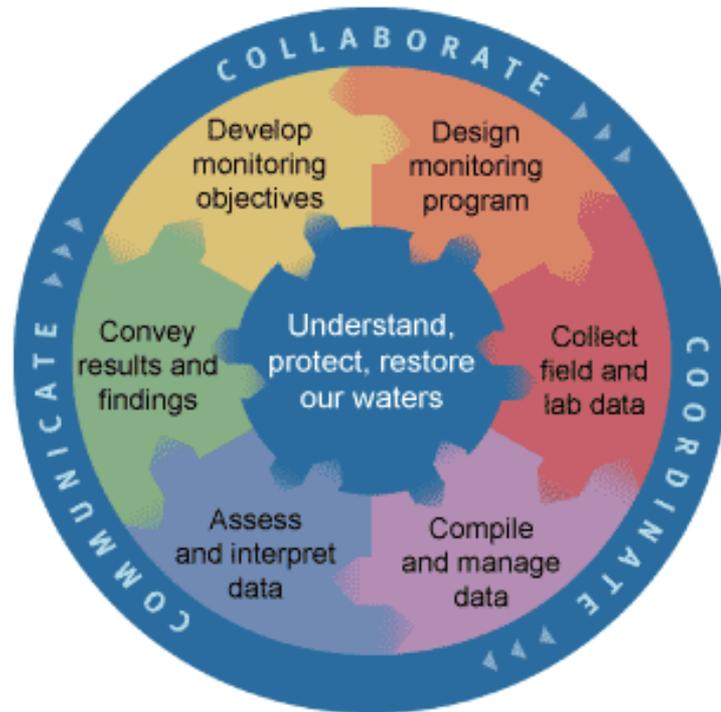
Water Information Coordination Program



Advisory Committee on Water Information



National Water Quality Monitoring Council



Provide a national forum for coordination of consistent and scientifically defensible methods and strategies to improve water quality monitoring, assessment and reporting. Promote partnerships to foster collaboration, advance the science, and improve management within all elements of the water quality monitoring community



NATIONAL WATER QUALITY MONITORING COUNCIL

Working Together for Clean Water

National Monitoring Network

Network Steering Committee

Network Design

Methods and Comparability

Monitoring Inventory

Data Access



NATIONAL WATER QUALITY MONITORING COUNCIL

Working Together for Clean Water

Methods and Data Comparability Board Work Groups

**National Environmental
Methods Index (NEMI)**

Water-Quality Data Elements

**Bioassessment
Comparability**

**National Monitoring
Network**



NATIONAL WATER QUALITY MONITORING COUNCIL

Working Together for Clean Water

Water Information Strategies Work Groups

**Data Analysis and
Interpretation**

**Program Development and
Network Design**

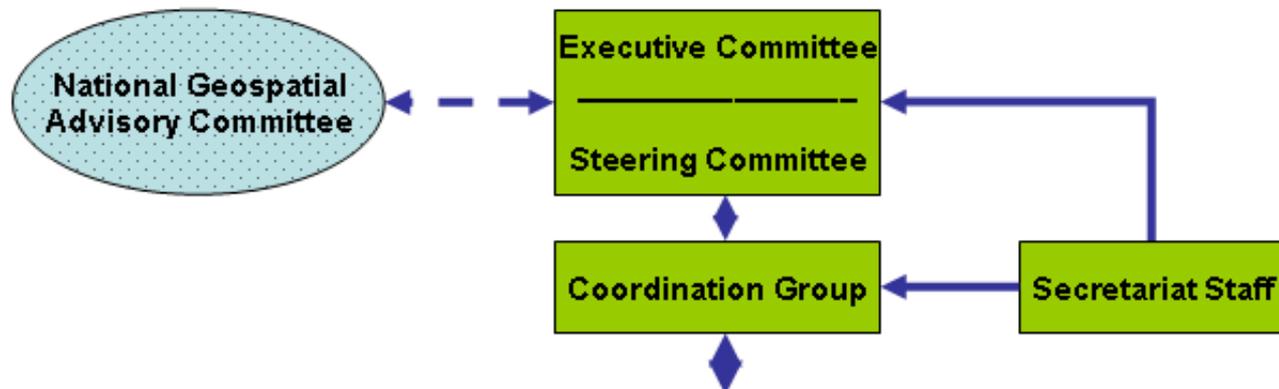
**Data Management and
Access**

Ad Hoc Project Team

Federal Geographic Data Committee

The Federal Geographic Data Committee (FGDC) is an organized structure of Federal geospatial professionals and constituents that provide executive, managerial, and advisory direction and oversight for geospatial decisions and initiatives across the Federal government.

In accordance with Office of Management and Budget (OMB) Circular A-16, the FGDC is **chaired by the Secretary of the Interior**, with the Deputy Director for Management of the OMB as Vice-Chair.



Cross Cutting Working Groups				Technology & Architecture	Geospatial Line of Business Work Groups			
Users/ Historical Data	Homeland Security	Metadata	Standards		Common Services	Lifecycle Management	Grants & Contracts	Geo-Enabled Business
Cadastral								
Cultural and Demographic Statistics								
Geodetic Control								
Geologic								
Marine and Coastal Spatial Data								
Spatial Water Data								
Transportation								
Vegetation								
Wetlands								

Thematic Subcommittees

“Collaborating partnerships are open to public, private, and nonprofit organizations whose missions are complementary to the mission of the FGDC. Organizations interested in becoming partners are invited to send a written request to the FGDC Chair.”