Advisory Committee on Water Information

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Advisory Committee on Water Information
Subgroups / Task Force / Work Groups

- National Water Quality Monitoring Council
- National Liaison Committee for NAWQA
  - Methods and Data Comparability Board
    - Work Groups
  - Subcommittee on Spatial Water Data
    - Work Groups
- * Subcommittee on Hydrology
  - Work Groups
- Subcommittee on Sedimentation
  - Work Groups

* Also reports to Federal Geographic Data Committee
Advisory Committee on Water Information
Subgroups / Work Groups Cont.

Water Resources
Adaptation to Climate Change
Work Group
Work Groups Reporting 2013 - 2016

- National Water Quality Monitoring Council
- Methods and Data Comparability Board
- Collaboration and Outreach
- Water Information Strategies
- National Monitoring Network

Methods and Data Comparability Board Work Groups
- National Environmental Methods Index (NEMI)
- Water-Quality Data Elements
- Aquatic Sensors

National Network of Reference Watersheds
Work Groups Reporting 2012 - 2016

Subcommittee on Ground Water
  Implementation

Subcommittee on Sedimentation
  Federal Interagency Sedimentation Conferences
  Reservoir Sedimentation Database (RESSED)
  Dam Removal Sediment Analysis
  Stream Morphology Database
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 Monitoring Network

Network Steering Committee

Network Design
Monitoring Inventory

Methods and Comparability
Data Access
Water Information Strategies Work Groups

- Data Analysis and Interpretation
- Program Development and Network Design
- Data Management and Access
- Ad Hoc Project Team
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.
Methods and Data Comparability Board Work Groups

National Environmental Methods Index (NEMI)

Water-Quality Data Elements

Aquatic Sensors
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.
The overall goal of the SOGW 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.
Subcommittee on Ground Water Work Groups

Implementation
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.
Subcommittee on Hydrology Work Groups

Hydrologic Frequency Analysis

Satellite Telemetry Interagency

Hydrologic Information Systems

Hydrologic Modeling

Extreme Storms
The Subcommittee on Sedimentation promotes and supports development and standardization of equipment, methodologies, and calibration and performance criteria for the collection, analysis, interpretation, and interchange of fluvial-sediment data and related technical information.
Subcommittee on Sedimentation Work Groups

Federal Interagency Sedimentation Conferences

Reservoir Sedimentation Database (RESSED)

Dam Removal / Sediment Management

Stream Morphology Database
The Subcommittee on Spatial Water Data jointly is sponsored with the Federal Geographic Data Committee develops water – resources components of the National Spatial Data Infrastructure.
Subcommittee on Spatial Water Data Work Groups
March 2015 – Present

Watershed Boundary Data Hydrologic Unit Codes (HUC)

Standards
Subcommittee on Spatial Water Data Work Groups
Open Water Data Initiative Work Groups
March 2015 – Present

Drought Use Case

Spill Response Use Case
The Sustainable Water Resources Roundtable Task Force serves as a forum to share information and perspectives that will promote better decision making regarding the sustainable development of our Nation's water resources.
The Water Resources Adaptation to Climate Change Workgroup identifies research, data, and policy necessary for effective management and protection of water resources in the United States as the climate continues to change.
Advisory Committee on Water Information
Sunset Subgroups

Ad Hoc Subcommittee TMDL

Streamgaging Task Force

COOP Task Force

NWQMC Work Group

Watershed Components Interactions Work Group

ACWI 2003 Meeting, September 9-10, 2003
Sunset the above Subgroups

ACWI 2006 Meeting, January 19, 2006
2004 COOP Task Force was Sunset

2004 COOP Task Force Program
Methods and Data Comparability Board Work Groups

Sunset on Jan 1, 2006 - Present

- Performance-Based Systems (PBS) and Nutrients
- Laboratory and Field Accreditation
- Outreach and Publicity
- Biology and Microbiology
- New Technologies
- Bioassessment Comparability (Sunset June 2007)
Ground Water Work Groups
Sunset 2009 – Present

National Monitoring Design
June 2009

Pilot
July 2011

Monitoring Inventory
March 2015

Data Standards and Data Management
March 2015

Field Practices
March 2015
Hydrology Work Groups
Sunset 2013 – Present

Hydrologic and Hydraulic GIS Applications
January 28, 2013
Spatial Work Groups
Sunset 2015 – Present

National Hydrography Framework Standards
March 2015