

NWQMC website redesign

Step 1. Identify website purpose and audience (DONE)

Step 2. Evaluate existing design, content, and branding (DONE)

Step 3. Revise core messaging, identify goals (DONE)

Step 4. Redesign site:

- Navigation/content structure
- Design/usability/features
- Content

Step 5. Implement new design and content (build the new site)

INTERNET ARCHIVE
WayBackMachine

http://acwi.gov/monitoring/ Go

50 captures
21 Aug 06 - 13 Mar 13

JUL AUG DEC
2005 2006 2008

Close X
Help ?

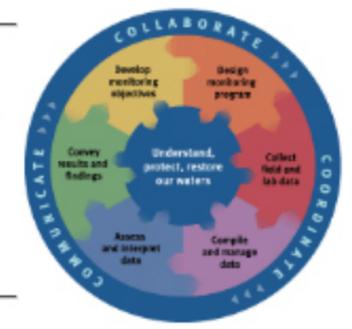


National Water Quality Monitoring Council

- WICP
- ACWI
- Meetings
- Work Groups
- Membership



Purpose: *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.*



HOW THE COUNCIL WORKS

- [Advisory Committee on Water Information](#)
- [Brochure](#)
- [Council Work Groups](#)
- [Council Work Group Structure Chart](#)
- [Terms of Reference](#)
- [History](#)
- [Meeting Minutes](#)
- [Related Links](#)

PRODUCTS OF THE COUNCIL

- [Publications](#)
- [Water Information Cycle Poster](#)
- [Meeting Presentations](#)
- [AWRA IMPACT Articles](#) (September 2003 Issue)
- [National Monitoring Network](#)

WHO'S WHO ON THE COUNCIL

- [Membership List](#)
- [Member Agencies](#)
- [State and Regional Councils](#)
- [Contact the Council](#)

NATIONAL MONITORING CONFERENCES

! Fifth National Monitoring Conference Conference Results:

News --

- [2006 Conference Program](#)
- [Conference Results \(1998-2004\)](#)

Please note the new link to the [2006 Conference Program](#). Upload of the abstracts from the Conference has been delayed. We apologize for the delay and hope to have them available soon. Please check back soon for updates.



NATIONAL WATER QUALITY MONITORING COUNCIL

Working Together for Clean Water

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National Environmental
Methods Index (NEMI)

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Partners

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State and Regional Councils

Success Stories

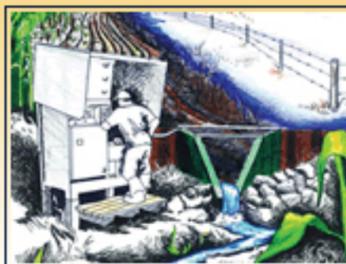
Meetings

Meeting minutes

Presentations

Understand, Restore, and Protect our Waters: The National Water Quality Monitoring Council (Council) provides a forum to improve the Nation's water quality through partnerships that foster increased understanding and stewardship of our water resources.

COMMUNICATE >>> COLLABORATE >>> COORDINATE



NEWSLETTER: [The 2013 Spring Newsletter is here!](#)



WEBINAR: [Ecological Flows in the Shenandoah River Valley, Virginia](#)

Jennifer Krstolic (USGS) talks about instream flow needs for aquatic organisms in the North and South Fork Shenandoah Rivers. A range of model scenarios are presented to provide information regarding water resources in the basin, the availability of water for fish habitat, recreation, and potential effects of withdrawals and conservation measures on fish populations. The study reports are available at <http://pubs.usgs.gov/sir/2012/5081> and <http://pubs.usgs.gov/sir/2006/5025/>.



SPOTLIGHT ON: **Assessing Toxins on the Columbia River (Video)**

For the first time, the mid-Columbia River above Bonneville Dam has been tested extensively for contamination. Oregon's Department of Environmental Quality conducted one of its largest surveys and found the middle river shares many of the same contaminants as the lower river. Learn about this collaborative monitoring study and what they learned [here](#). *This video won't disappoint!*



WEBINAR: **Oregon's Healthy Waters 101**

Oregon's Curtis Cude presents "[Healthy Waters 101: Water Quality Monitoring for Public Health](#)"

Check out last month's [presentation on HIS](#) from CUASHI's Rick Hooper, or view other [past webinars here](#).

Website redesign goals:

- + Expand website audience to larger water-quality monitoring community
- + Improve messaging
- + Build NWQMC brand recognition
- + Improve usability and accessibility to information
- + Make content more usable, meaningful, and up-to-date



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Welcome to the National Water Quality Monitoring Council

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NEWS AND HIGHLIGHTS



NEW PRODUCT: Water Quality Portal

Chemical, physical, and biological data from both NWIS (USGS) and STORET (EPA) are readily accessible online from the Water Quality Portal, a web service sponsored by the USGS, EPA, and the Council.



NEW PRODUCT: NEMI-SAMS (Statistical and Assessments Methods Search) Beta version

A new tool produced by the Water Quality Statistics and Assessments workgroup is currently soliciting comments and feedback. View an introductory Powerpoint or visit the NEMI-SAMS website.



CONFERENCE UPDATE: 8th National Monitoring Conference presentations now online!

Stakeholders exchange information and technology related to water quality monitoring, assessment, research, protection, restoration, and management in the premier national forum. Check out past conferences here.

UPCOMING WEBINARS

Oregon's Monitoring Summit

Nov. 14, 2012. 1:30 pm EST

In 2012, Oregon's Dept. of Environmental Quality held a monitoring summit. Aaron Borisenko, Water Quality Monitoring Manager, explores the reasons behind it and the lessons learned.

NEWSLETTERS & PUBLICATIONS

National Water Monitoring News

Fall 2012

Our biannual newsletter is out, with news and reports from around the world of monitoring.

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Methods & Protocols

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RELATED PRODUCTS



NEMI (National Environmental Methods Index)

www.nemi.gov

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RELATED PUBLICATIONS



Towards a Definition of Performance-Based Laboratory Methods

Technical Report 01-02

This paper presents the MDCB's position concerning the need for, and the issues regarding, the implementation of a performance-based system for water quality monitoring methods.

RELATED COUNCIL RESOURCES

Methods and Data Comparability Board (MDCB)

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Welcome to the National Water Quality Monitoring Council

The **National Water Quality Monitoring Council** brings together scientists, managers, and citizens to ensure information about the quality of our water resources is accurate, reliable, and comparable. The Council fosters collaborative and cost-effective approaches to improve and advance the science of water-resources monitoring.

NEWS & HIGHLIGHTS



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[MORE WEBINARS ...](#)

RECENT NEWSLETTERS

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[MORE NEWSLETTERS ...](#)

EVENT CALENDAR

< **APRIL 2013** >

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9th National Monitoring Conference



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< APR **APRIL 17, 2013** 2:00 PM EST

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WEBINAR: Oregon's Monitoring Summit

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National Water Quality Monitoring Council



NEMI

National Environmental Methods Index

MEMO

Methods for Environmental Measurements and Observations



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Methods & Protocols

We are committed to developing water-quality monitoring approaches that facilitate collaboration and comparability amongst all data-gathering organizations.

The Council (and in particular, our Methods and Data Comparability Board) develops products that enhance our ability to achieve real environmental gains while making the best use of the limited resources available for water-quality monitoring. Through inclusion, sound science, and consensus, we identify, examine, recommend, and foster monitoring approaches that facilitate collaboration amongst all data-gathering organizations.

[Learn more: Methods & Data Comparability Board](#)

Why develop consistent Methods & Protocols?

Each year Federal and State government agencies spend in excess of \$1 billion to monitor the quality of water. The programs are conducted to assess status and trends in water quality, to identify and rank existing and emerging problems, to design and implement resource-management programs, and to determine compliance with regulatory programs. Although the data that are collected by government agencies are useful to the individual organizations that sponsor the program, future data users within the same organization and data users outside the collecting agency typically find it difficult to use existing data with confidence. The reasons for this situation are many:

- The objectives for the original data-collection program were less rigorous than the current data needs demand or, more likely, are not known.
- Information about the data, such as **detection level, precision, bias**, and water sampling and sample/handling methods, are unavailable or not readily available.
- Information about the analytical methods and laboratory quality assurance (QA) are not easily accessible or are unavailable.
- The quality control of data entry, storage, transfer, and retrieval processes are unknown.

A related problem for those providing data is that many regulatory and nonregulatory

RELATED PRODUCTS

National Environmental Methods Index (NEMI)

www.nemi.gov

NEMI is a searchable database of environmental methods, protocols, and procedures that allows scientists and managers to find and compare data-collection methods and protocols for all stages of the monitoring process.



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BIAS: The systematic or persistent distortion of a measured value from its true value (this can occur during sampling design, the sampling process, or laboratory analysis).

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