

Revisiting the Water Quality Portal Vision

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Agenda

Background

Why update the vision

Who to include

Next steps





Background: 2003 Memorandum of Understanding

USGS and EPA will deliver data from USGS-NWIS and EPA-STORET in a common format to:

- 1. Analyze and report on the state of the nation's water environment
- 2. Provide a common basis for integrated water-quality analysis and protection
- 3. Provide an information base for scientific inquiry about water quality

An underlying goal is to ensure that the data from these important government databases are documented to describe their quality so that users can establish the utility and comparability of the data.



Why update the vision?

Reached a great milestone to launch the Portal in 2012

There isn't really a "Portal vision"

Portal is growing in data holdings and use

Increase in user expectation of Portal utility

Help in setting priorities for future Portal activities



How can Council Committees help better define and promote the utility of the Portal?

Collaboration and Outreach

- Sponsor webinars
- Expand communication with other Councils to increase data sharing and use of the Portal
- Target different monitoring communities, other councils monitoring groups
- Market Council Programs, Initiatives and Products
 - Strategy for WQP

Methods and Data Comparability Board

- Share lessons for sensors and continuous monitoring data storage and discoverability
- Explore other opportunities to leverage NEMI

National Monitoring Network

- Identify where the Portal can support management issues—including nutrient enrichment, oxygen depletion, toxic contaminants, and beaches—that are important to a broad community of users
- Attract involvement of IOOS and regional associations for monitoring offshore compartments and coastal management
- Demonstrate ability to support a linked data network
- Enable ability to meet diverse monitoring objectives (including fixed and probabilistic designs)

Water Information Strategies

- Engage with diverse data partners for data sharing and analysis

Working DRAFT vision

The foundation of the Portal is to provide a “one-stop” mechanism to quickly search and pull data to insert into user analyses.

To serve as the premier source for water quality data.

Next Steps

November 2014 - Introduce vision update plan

December 2014/January 2015 - Hold discussions on WIS

- (and other committees)?

February 2015 - Discuss vision at Idaho meeting

May 2015 - Finalize vision

August 2015 - Show how Council and Committee activities support and align to the vision

- Identify milestones to target Portal promotion across Council and Committee activities

Other Portal FY2015 Activities

Outreach and Training

- Portal factsheet
- Portal webinars
- Onsite training
- Other opportunities to engage

New Data Partners

- Ready to begin work in December 2014 to complete by June 2015
- Help identifying potential partners
 - Federal
 - State
 - Other

Data Tools

- Data discovery apps built on R and available open source and via Portal
- Requirements gathering

Questions

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