



Open Water Data Initiative

Status – September 15, 2014

Subcommittee on Spatial Water Data

ACWI Meeting—August 19

- ◆ OWDI presentation by Anne Castle, Kevin Gallagher, Nate Booth
- ◆ ACWI voted unanimously to revitalize and charge the Subcommittee on Spatial Water Data to scope and design a national Open Water Data Infrastructure



Subcommittee on Spatial Water Data



Subcommittee on Spatial Water Data (SSWD) Meeting 8/28/14

- ◆ 42 attendees
- ◆ Presentation of OWDI concepts, charge from ACWI and FGDC
- ◆ Membership
 - Federal Agencies well represented
 - Several organizations still missing
 - Continuing to seek key participants
- ◆ Will organize around use cases to define requirements for OWDI
- ◆ Small organizational group to coordinate the larger SSWD
- ◆ Full subcommittee to meet monthly



Use Case Concepts

- ◆ Define use cases that respond to societal needs and cover broad range of water resources sectors
- ◆ Identify critical data inputs —focus on these first
- ◆ Divide and conquer—separate teams will address each use case in parallel
- ◆ Measure progress and identify commonalities



Initial Use-case Proposals

- ◆ National Flood Interoperability Experiment (flood and inundation information at high spatial/temporal resolutions)
- ◆ Integrated Water Portfolio (comprehensive water resources management decision support system)
- ◆ Chemical Spill Response (event driven water quality information needs)



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Next Steps:

- ◆ Next meeting: Sep 26, 1-3 PM Eastern
 - Settle on priority use cases
 - Assign teams to develop use cases
- ◆ October meeting
 - Compare use case data needs, identify overlaps
 - Assign teams to develop solution space (e.g. existing systems and services) for data service requirements



Mid-range plan:

- ◆ Late November 2014
 - Prioritize requirements
 - Identify requirements for any missing standards
 - Identify information structure i.e. *hydrofabric*
- ◆ December-March 2015:
 - Initial design and implementation of services/UI's
 - Testing and user feedback
- ◆ April-May 2015
 - Second version of services/UI's
 - All services supporting NFIE online by late May

