

Methods Board / Aquatic Sensors Workgroup Update

Oh, and let's not forget about NEMI

What we're working on

- * Several initiatives with EPA
 - * Joint publication on water sensors
 - * Sensors data strategy
 - * Data sharing experiments in select watersheds
 - * Full presentation on Thursday with Dwane Young, EPA
- * Conference 2016
 - * Update of deployment guide (Thursday)
 - * Workshop
- * NEMI
- * Rapid response

Joint Federal publication

- * Focus on nutrient monitoring and increased use of sensors
- * Initially an EPA effort with input from USGS
- * Opportunity to collaborate with other efforts
 - * USGS network strategy
 - * National Monitoring Network
 - * Nutrient sensors challenge
 - * NWQMC Data Strategy
- * Intent is to publish in journal such as JAWRA
- * EPA, USGS, COE, ARS, NOAA

Conference 2016

- * Networking session – can we have a topic-specific networking group?
 - * Idea is for a workgroup breakout here
 - * Followed by informal evening gathering
- * Training session/workshop:
 - * Deployment guidance
 - * Data analysis
- * Presentation of white paper & data strategy

Networking sessions

- * Topic-related option a good idea?
- * Would allow groups additional time for focused discussions
- * For sensors workgroup, would use the time to discuss
- * Would allow evening social to be just that

- * CPC: What was the evaluation of the region-based networking sessions?

Deployment guide

- * Update and reformat current deployment guide
- * Add photos and information to watersensors website
 - * Successful (and not) installations
 - * Photos and descriptions
 - * Variety of applications
- * Develop additional information
 - * Code repository?
 - * What else? (watch Chuck's presentation on Thursday)

Manufacturers' Soapbox

- * Acknowledge that the manufacturers are partners in the quest to develop more reliable sensors, better telemetry and dataloggers, and more powerful analytical software
- * Also acknowledge that we are their customers
- * One option:
 - * allow an area to be rented for an additional fee to anyone who is also renting a booth.
 - * Time of presentation/demonstration would be listed in program.
 - * Schedule during breaks so not interfere with regular program



NEMI

National Environmental Methods Index

- * 1,295 methods
- * Connected to the Water Quality Portal
- * 14 protocols
- * What's next?
 - * Archived methods
 - * Additional protocols
 - * Indices of Biotic Integrity
 - * New fields? Need IBIs for testing – where to start?