



National Ground-Water Monitoring Network

Advisory Committee on Water Information—Subcommittee on Ground Water

ACWI SOGW Meeting
Hosted by U.S. Geological Survey
Room: BA102A; Reston, Virginia
September 16-17, 2014
DRAFT AGENDA

Monday, September 15: Travel Day

Tuesday, September 16 8:00 am – 5:00 pm Room: BA102A (next to USGS cafeteria)

7:30 am Hotel Shuttle from Crowne Plaza Dulles (2200 Centerville Rd, Herndon, VA) to USGS National Center

Plenary Webex Connection (opens @7:45 am ET):

<http://usgs.webex.com/>

or directly using

<https://usgs.webex.com/usgs/j.php?ED=305715677&UID=0&RT=MIMxMQ%3D%3D>

Teleconference: 1-855-547-8255, Access Code 27422#

or

703-648-4848, Access Code 27422#

8:15 am **Welcome/Introductory Remarks:** (Bill Cunningham lead)

Goal of this session: Introduce all attendees; provides their interest and perspective

- Basic housekeeping (emergency exits, facilities, note-taking, follow-up tracking, etc.)
- Agenda adjustments
- Each attendee (day job, SOGW involvement, and goals/objectives for this meeting)

9:00 am **Goals of the Meeting**

- Meeting objectives and expected outcomes

9:15 am **Background Information** (Bob Schreiber lead):

Goal of this session: Bring everyone up to speed on SOGW and the NGWMN

- Brief history of SOGW – ACWI overview, other ACWI groups/NWQMC, & Ocean Network design
- Framework design document (participants should be familiar with this and other SOGW reports prior to the meeting)
 - http://acwi.gov/sogw/ngwmn_framework_report_july2013.pdf
- Implementation guidance – initial vs. longer-term
- Pilot testing – including key changes triggered, and cost estimates.

- http://acwi.gov/sogw/pubs/tr/pilot_results/index.html
- Network expansion – new States added, and EPA Regional Labs participation
- Discussions with potential partners – candidate States, and non-State entities
 - Portal – initial development & current version
 - Legislation and funding – SECURE Water Act authorization
 - FED FY15 current situation
- Innovative methods
- New SOGW functions

10:00 am Break

10:30 am Pilot Updates (Daryll Pope/Mike Wireman lead)

Goal of this session: Phase 1 to summarize past work and inform SOGW of progress since Pilot. Phase 2 to introduce scope of work and report on progress.

“Phase 1” (Pope) up to 15 minutes for each pilot

- Montana (Tom Patton)
- Minnesota (Greg Kruse)
- Texas (Janie Hopkins)
- Illinois/Indiana (George Roadcap, Jerry Unterreiner, Jim Sullivan)
- New Jersey (Ray Bousenberry)

“Phase 2” (Wireman) up to 15 minutes for each pilot

- Utah (Janae Wallace)
- New England (Richard Verdi/Leslie Desimone)

12:15pm Lunch at USGS Cafeteria (onsite)

1:15 pm Web Portal (Jessica Lucido)

Goal of this session: Provide summary of past work, links among other data-sharing efforts, and development plans. Lay groundwork for portal Breakout Session.

- Current functionality
- Development/upgrade plans and progress
- Key issues and comments from current State partners
- Continual improvement process – FY15/short-term, and longer-term
- Q&A session for candidate State partners

2:15 pm Introduction of NGWMN Implementation Issues (Bill Cunningham)

Goal of this session: Review Framework recommendations. Lay groundwork for portal Breakout Sessions

- Framework Implementation recommendations
- SOGW feedback needed on implementation issues
- Costs, and influence on plans (short-term FY15 and longer-term)
 - Non-USGS data-providers/owners – costs of entry and continued participation
 - USGS plans for FY15 (or whenever NGWMN funds are received)
- Process for adding data providers
 - How to select/prioritize
 - When to turn decisions over to advisory board

- Process for distributing funds
 - “Models” considered (Statemap and other programs)
 - Data Provider year one funding vs out years
 - Existing sites versus data gaps (temporal/spatial)
 - Consideration of level-of-expertise and current situation
- Priority between WL and WQ data providers
- The Framework recommends an advisory board.
 - Any changes to the recommendations?
 - Determination of board representation, and setting up procedures

2:45 pm Break

3:15 pm Charge to Breakout Groups (Bob Schreiber/Bill Cunningham)

Goal of this session: Develop solid set of options and associated recommendations / plus-minus commentary, for consideration by full group

Breakout Sessions (Webex Connections available for selected sessions if needed. Rooms: BA102A; BA-102B; 5A-217; 5A323)

- NGWMN Portal (Lucido)
 - Priorities
 - New Functions
 - Data Provider requirements
- Framework/Advisory Board (Leader TBD)
 - members and functions, and procedures
 - Is Framework adequate?
 - Is Board design OK?
 - recommendations for populating board
 - recommendations for decision making process
- NGWMN Participation (Leader TBD)
 - If Volunteer vs if funded
 - Funding Models
 - Setting Priorities
 - richer datasets versus more wells
 - new participants versus existing data providers
 - water levels versus water quality
- Training and Innovative Methods (Leader TBD)
 - NGWMN training needs and approach
 - Springs?
 - New methods – gravity, other measurement technologies
 - crowd sourcing

4:30 pm Breakout Check-in and Feedback

Goal of this session: Report out on initial discussions. Circle back for advice from the larger group.

5:30 pm Shuttle to Hotel. Voluntary Group Dinner (TBD, local restaurant)



USGS National Center Room: BA102A

Wednesday, September 17 8:00 am – 5:00 pm

7:30 am Hotel Shuttle from Crowne Plaza Dulles (2200 Centerville Rd, Herndon, VA) to USGS National Center

Plenary Webex Connection (opens @7:45 am ET):

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8:15 am **Introductory Remarks:** (Bill Cunningham lead)

Goal of this session: Housekeeping from Day 1

8:30 am **SOGW present and future**

Goal of this session: Information.

SOGW often has discussed water quality issues and a stronger link to groundwater modeling. Talks are presented to brief the SOGW on activities in those areas, and to help frame future SOGW planning.

Water Quality

National Water Quality Assessment Program Cycle 3 GW Network Design (Belitz)

NGWMN link to Modeling:

Regional Groundwater Assessments of the Groundwater Resources Program (Dennehy)

Network Design Approaches

State Network Design (TBD)

10:00 am **Break**

10:30 am **SOGW Present and Future, continued**

International Lessons and Collaboration (BobSchreiber)

“Portal of Portals?” Open Water Data Initiative (Nate Booth)
Federal Initiative to bring data together

11:30 am **Lunch at USGS Cafeteria (onsite)**

12:45 pm **Breakout Groups** (Rooms: BA102A; BA-102B; 5A-217; 5A323)

Goal of this session: Build on discussions from Day 1, and on info provided during this AM’s earlier session.

Breakout Sessions (Webex Connections available for selected sessions)

- NGWMN Portal (Lucido)
- Framework/Advisory Board (Leader TBD)
- NGWMN Participation (Leader TBD)
- Training and Innovative Methods (Leader TBD)

2:45 pm **Breakout Presentations**

Goal of this session: Reports from each Breakout Group. Feedback and/or Decisions from (or posed for) the SOGW (to make).

- NGWMN Portal (Lucido)
- Framework/Advisory Board (Leader TBD)
- NGWMN Participation (Leader TBD)
- Training and Innovative Methods (Leader TBD)

4:00 pm **Wrap-Up Session**

- Review of action-items and associated assignments, deliverables, and schedule
- Time-critical “outreach” items
- Next SOGW meeting – and side-meetings of current work groups

4:30 pm **Shuttle to Hotel**

Voluntary Group Dinner (TBD, local restaurant)

Thursday, September 18: Travel Day

Draft Attendee List

Affiliation

SOGW Non-Fed Co Chair (ASCE/CDM Smith)
SOGW Federal Co-Chair (USGS)
US EPA
Association of American State Geologists
Ground Water Protection Council
NGWA/Gradient Corp. (remote)
State (Texas Commission on Environmental Quality)
USDA Forest Service
ASDWA/NHDES (remote)
Retired EPA
USGS
USGS
USGS (NWQMC Co-Chair and SOGW liaison)
Parker Groundwater (?)
MT Bureau of Mines and Geology
NGWA
Illinois Geological Survey (?)
Cardno ENTRIX

Participant

Bob Schreiber
Bill Cunningham
Chuck Job
David Wunsch
Mary Musick
Dave Langseth
Cary Betz
Chris Carlson
Brandon Kernan
Mike Wireman
Daryll Pope
Jessica Lucido
Gary Rowe
Tim Parker
Tom Patton
Chris Reimer
Dave Larson
Jeffrey Davis

Pilots

Montana Bureau of Mines and Geology
Texas Water Development Board
Minnesota Department of Natural Resources
Minnesota Pollution Control (remote)
Illinois State Water Survey
Indiana Department of Natural Resources
Indiana Department of Environmental Management
New Jersey Geological and Water Survey
Utah Geological Survey
New England USGS (remote)

Tom Patton
Janie Hopkins
Greg Kruse
Sherri Kroenig
George Roadcap
Jerry Unterreiner
Jim Sullivan
Ray Bousenberry
Janae Wallace
Richard Verdi/Leslie Desimone

Other Presenters

USGS—National Water Quality Assessment program
USGS—Groundwater Resources Program
USGS—Office of Water Information

Ken Belitz
Kevin Dennehy
Nate Booth