

## 2010 National Monitoring Conference-at-a-Glance

### Sunday, April 25

7:30 am – 5:00 pm	<b>Field Trip 1:</b> Mining and the Treatment of Mine Drainage
8:00 am – 5:00 pm	<b>Field Trip 2:</b> Demonstration and Training in the National Wetland Condition Assessment Field Methods
1:00 pm – 5:00 pm	<b>Field Trip 3:</b> Field Demonstration of Methods for Water-Quality Sampling & Monitoring – Part 1 of the “Monitoring Framework”

### Monday, April 26

7:30 – 8:00	Breakfast for Workshop Participants – Governors Square Foyer								
8:00 – 10:30	<b>Extended Session 1</b> Cancelled	<b>Extended Session 2</b> Plenary Seminar for Continuous Real-Time Monitoring: Direct Measures and Surrogates  Rm. 14	<b>Extended Session 3</b> Using NHD and State GIS Information to Improve National Aquatic Resource Survey Designs  Rm. 11	<b>Extended Session 4</b> Guidelines for Design, Sampling, Analysis, and Interpretation for Cyanobacterial Toxin and Taste-And-Odor Studies in Lakes and Reservoirs  Rm. 10	<b>Extended Session 5</b> Building a Case for Causes of Biological Impairment  Rm. 12				
10:45 – 12:30	<b>Opening Plenary and Award Presentations</b> – Plaza Ballroom F								
12:30 – 1:30	Lunch – Exhibit Hall (Plaza Ballrooms A-E)								
	<b>A1</b>	<b>A2</b>	<b>A3</b>	<b>A4</b>	<b>A5</b>	<b>A6</b>	<b>Extended Session 6</b>	<b>Extended Session 7</b>	<b>Field Trip 4</b>
1:30 – 3:00	Concurrent Session A Continuous Real-Time Monitoring: Operation and Data Evaluation  Rm. 14	Indices of Biotic Integrity for Wetlands  Rm. 17	Developing Nutrient Criteria 1  Rm. 15	Lessons Learned from National Assessments  Rm. 11	Strategies for Growing a Volunteer Monitoring Program  Rm. 12	Monitoring and Assessing Groundwater Vulnerability 1  Rm. 16	Building Successful State, Regional, and Tribal Water Monitoring Councils, Part 1  Rm. 9	Man vs. Stats, Part 1  Rm. 10	Tour of the USGS National Water-Quality Lab - Part 2 of the “Monitoring Framework”
3:00 – 3:30	Break – Refreshments in Exhibit Hall (Plaza Ballrooms A-E)								
	<b>B1</b>	<b>B2</b>	<b>B3</b>	<b>B4</b>	<b>B5</b>	<b>B6</b>	<b>Extended Session 6</b>	<b>Extended Session 7</b>	<b>Field Trip 4</b>
3:30 – 5:00	Concurrent Session B Evaluation and Application of New Technologies for Real-time Monitoring  Rm. 14	Developing New Biological Assessment Tools  Rm. 17	Developing Nutrient Criteria 2  Rm. 15	Monitoring the Effects of Development on Hydrology and Water Quality  Rm. 12	Modeling Ecological Conditions  Rm. 11	Monitoring and Assessing Groundwater Vulnerability 2  Rm. 16	Building Successful State, Regional, and Tribal Water Monitoring Councils, Part 2  Rm. 9	Man vs. Stats, Part 2  Rm. 10	Tour of the USGS National Water-Quality Lab - Part 2 of the “Monitoring Framework”
5:00 – 7:00	<b>Exhibit and Poster Reception</b> – Exhibit Hall (Plaza Ballrooms A-E and Plaza Foyer)								

**Tuesday, April 27**

7:00 – 8:00	Breakfast – Exhibit Hall (Plaza Ballrooms A-E)							
	<b>C1</b>	<b>C2</b>	<b>C3</b>	<b>C4</b>	<b>C5</b>	<b>C6</b>	<b>Extended Session 8</b>	<b>Extended Session 9</b>
8:00 – 9:30 <b>Concurrent Session C</b>	Monitoring Stressors and Impacts to Lakes and Reservoirs  Rm. 17	Monitoring for Stormwater Management Effectiveness  Rm. 16	Interpreting Water Quality Data  Rm. 14	Downstream Impacts from Mined Lands 1  Rm. 15	National Monitoring Network: Monitoring Water Quality from Inland to Coastal Ecosystems  Rm. 12	PAHs and Coal-Tar-Based Pavement Sealcoat: Stormwater Management, Toxicology, and Public Policy  Rm. 11	Sensors Basics: Tools to Enhance the Quality and Comparability of Sensors Data for Continuous Real-Time Monitoring, Part 1  Rm. 10	Emerging Applications of the Biological Condition Gradient (BCG)  Rm. 9
9:30 – 10:00	Break – Refreshments in Exhibit Hall (Plaza Ballrooms A-E)							
	<b>D1</b>	<b>D2</b>	<b>D3</b>	<b>D4</b>	<b>D5</b>	<b>D6</b>	<b>Extended Session 8</b>	<b>Extended Session 9</b>
10:00 – 11:30 <b>Concurrent Session D</b>	Wetlands Condition Monitoring and Assessment  Rm. 17	New Tools and Approaches in Data Analysis and Reporting  Rm. 11	Elements of a Long-Term National Ground-Water Monitoring Network and a State-Scale Example  Rm. 16	Downstream Impacts from Mined Lands 2  Rm. 15	Effective Communication Leads to Action  Rm. 12	Pharmaceuticals and Other Emerging Contaminants Above and Below the Water's Surface  Rm. 14	Sensors Basics: Tools to Enhance the Quality and Comparability of Sensors Data for Continuous Real-Time Monitoring, Part 2  Rm. 10	Biological Condition Gradient (BCG) Development and Calibration at State, Regional, and National Levels  Rm. 9
11:30 – 1:00	Lunch – Exhibit Hall (Plaza Ballrooms A-E)							
	<b>E1</b>	<b>E2</b>	<b>E3</b>	<b>E4</b>	<b>E5</b>	<b>E6</b>	<b>Extended Session 10</b>	<b>Extended Session 9</b>
1:00 – 2:30 <b>Concurrent Session E</b>	Continuous Real-Time Monitoring: Applications in Lakes and Estuaries  Rm. 14	Monitoring BMP Effectiveness  Rm. 16	Integrating Probabilistic and Targeted Monitoring  Rm. 11	Modeling at a Regional Scale  Rm. 12	Volunteers and State Agencies: Collaborating for Better Decisions  Rm. 17	Contaminant Effects on Aquatic Ecosystem Health 1  Rm. 15	Emerging New Approaches to Water Quality Trend Analysis, Part 1  Rm. 10	Using Stressor-Response Relationships to Address Hydrological and Nutrient Issues  Rm. 9
2:30 – 3:30	Exhibit and Poster Viewing – Exhibit Hall (Plaza Ballrooms A-E)							
	<b>F1</b>	<b>F2</b>	<b>F3</b>	<b>F4</b>	<b>F5</b>	<b>F6</b>	<b>Extended Session 10</b>	<b>Extended Session 9</b>
3:30 – 5:00 <b>Concurrent Session F</b>	Continuous Real-Time Monitoring: Applications in Rivers and Streams  Rm. 14	Regional Scale Wetlands Monitoring and Assessment  Rm. 16	Water Quality Exchanges Improve Data Access and Sharing  Rm. 11	Using Probabilistic Monitoring to Support State and Tribal Programs  Rm. 12	Innovation and Longevity in Volunteer Monitoring Programs  Rm. 17	Contaminant Effects on Aquatic Ecosystem Health 2  Rm. 15	Emerging New Approaches to Water Quality Trend Analysis, Part 2  Rm. 10	Using the BCG and Stressor-Response Information in an Urbanizing Setting  Rm. 9
5:00 – 7:00	<b>Exhibit and Poster Reception – Exhibit Hall</b> (Plaza Ballrooms A-E and Plaza Foyer)							

**Wednesday, April 28**

7:00 – 8:00	Breakfast – Exhibit Hall (Plaza Ballrooms A-E)							
	<b>G1</b>	<b>G2</b>	<b>G3</b>	<b>G4</b>	<b>G5</b>	<b>G6</b>	<b>Extended Session 11</b>	
8:00 – 9:30 <b>Concurrent Session G</b>	Continuous Real-Time Monitoring: Regulatory Perspectives  Rm. 14	Biological Monitoring with Volunteers  Rm. 17	Watershed Scale Protection and Restoration Assessments  Rm. 11	Examining Nutrient Processing at Multiple Scales  Rm. 16	Results and Importance of Comparability Studies  Rm. 12	Evaluating Contaminant Trends in Surface-Water Quality: Streams and Rivers  Rm. 15	Data Flow through the Monitoring Framework, Part 3 – USGS Data from the Lab to the Public  Rm. 9	
9:30 – 10:00	Break – Refreshments in Exhibit Hall (Plaza Ballrooms A-E)							
	<b>H1</b>	<b>H2</b>	<b>H3</b>	<b>H4</b>	<b>H5</b>	<b>H6</b>	<b>Extended Session 12</b>	<b>Extended Session 2</b>
10:00 – 11:30 <b>Concurrent Session H</b>	Statewide Bioassessment  Rm. 16	Your Stream Overfloweth: Case studies in Monitoring Stormwater Quality  Rm. 14	Using Data Sharing as a Pathway to Collaboration  Rm. 11	Monitoring Network Design: Implementing Large Scale Solutions  Rm. 12	Harmful Algal Blooms and Cyantoxins: How (Blue) Green is my Water?  Rm. 17	Evaluating Contaminant Trends in Lakes and Reservoirs using Sediment Cores  Rm. 15	Science-Based Environmental Report Cards and Indicators from the Watershed to the National Scale  Rm. 2	Closing Interactive Panel Discussion for Continuous Real-Time Monitoring  Rm. 10
11:30 – 1:00	Lunch – Exhibit Hall (Plaza Ballrooms A-E)							
	<b>I1</b>	<b>I2</b>	<b>I3</b>	<b>I4</b>	<b>I5</b>	<b>I6</b>	<b>Extended Session 13</b>	<b>Extended Session 14</b>
1:00 – 2:30 <b>Concurrent Session I</b>	Biological Assessments - Survey Design and Sampling Considerations  Rm. 16	Tracking What Flows Downhill: Microbial Source Tracking  Rm. 12	21st Century Technical Tools for Water Quality Assessments  Rm. 14	Integrated Land-to-Sea Assessments Based on Multiple Networks  Rm. 11	Contaminants in Groundwater  Rm. 15	Prioritization of Chemicals for New Methods Development  Rm. 17	Is Your Monitoring Program Producing Measurable Results and How Do You Know?, Part 1  Rm. 9	The National Lakes Assessment – Just How Good are the Nation’s Lakes and Reservoirs, Part 1  Rm. 10
2:30 – 3:30	Break – Plaza Foyer							
	<b>J1</b>	<b>J2</b>	<b>J3</b>	<b>J4</b>	<b>J5</b>	<b>J6</b>	<b>Extended Session 13</b>	<b>Extended Session 14</b>
3:30 – 5:00 <b>Concurrent Session J</b>	Coastal and Estuarine Assessments  Rm. 12	Development of Reference Condition for Different Purposes and at Different Scales  Rm. 16	Integrating Water Quality Indicators to Support Monitoring and Assessment Decisions  Rm. 17	Overcoming Barriers to Monitoring Collaboration and Partnerships  Rm. 11	Evaluating Contaminant Trends in Groundwater Quality  Rm. 15	Endocrine Disrupting Compounds - Identification, Sources, and Effects  Rm. 14	Is Your Monitoring Program Producing Measurable Results and How Do You Know?, Part 2  Rm. 9	The National Lakes Assessment – Just How Good are the Nation’s Lakes and Reservoirs, Part 2  Rm. 10
5:15 – 6:30	Methods Board Meeting – Room 17							
5:15 – 6:45	Volunteer Monitoring Meeting – Room 10							
6:00 – 9:00	USGS Continuous Water Quality Committee – Room 9							

**Thursday, April 29**

7:00 – 8:00	Breakfast – Plaza Ballroom ABC							
	<b>K1</b>	<b>K2</b>	<b>K3</b>	<b>K4</b>	<b>K5</b>	<b>K6</b>	<b>Extended Session 15</b>	<b>Extended Session 16</b>
8:00 – 9:30 <b>Concurrent Session K</b>	Water Quality Monitoring in Coastal and Marine Environments  Rm. 12	Geospatial Assessments of Water Quality  Rm. 16	Modeling of Nutrient Transport and Loadings  Rm. 14	Monitoring Partnerships: Promoting Water Resource Stewardship and Protection  Rm. 11	Transport and Distribution of Mercury through Aquatic Ecosystems  Rm. 15	Agrochemical Monitoring  Rm. 17	Working with Watershed Tools and Data to Get (and Show) Results, Part 1  Rm. 9	National Aquatic Resource Surveys: Transferring Technical Tools and Approaches, Part 1  Rm. 10
9:30 – 10:00	Break – Plaza Ballroom ABC							
	<b>L1</b>	<b>L2</b>	<b>L3</b>	<b>L4</b>	<b>L5</b>	<b>L6</b>	<b>Extended Session 15</b>	<b>Extended Session 16</b>
10:00 – 11:30 <b>Concurrent Session L</b>	Monitoring Hydrology: A Critical Consideration for the Interpretation of Water Quality and Biological Assessment Data  Rm. 12	Climate Change: Monitoring Impacts on Water Quality and Quantity  Rm. 15	Linking Sources and Stressors to Water Quality  Rm. 17	Unique Collaborative Approaches for Successful Outcomes  Rm. 11	Biomagnification of Mercury through Food Webs  Rm. 16	Contaminant Threats to Drinking Water  Rm. 14	Working with Watershed Tools and Data to Get (and Show) Results, Part 2  Rm. 9	National Aquatic Resource Surveys: Transferring Technical Tools and Approaches, Part 2  Rm. 10
11:30 – 1:30	<b>Closing Plenary Luncheon</b> – Plaza Ballroom ABC							
1:45 – 5:00	Monitoring and Assessment Partnership, a meeting of US EPA, States, and Tribes interested in enhancing the National Aquatic Resource Surveys – Rm. 14							
1:45 – 5:00	USGS National Water Quality Meeting: The Field – Rm. 11, The Data – Rm. 12, The Labs – Rm. 16, The Future – Rm. 17							
2:00 – 3:30	<b>Field Trip 5:</b> Tour of EPA Region 8 Office Green Building and Green Operations							