

8th Annual
Surface Water Monitoring and Standards Meeting

SWiMS

Chicago, IL - February 10-12th, 2009

Holiday Inn – Mart Plaza
350 N. Orleans St., Chicago, IL 60654

Webinars will be hosted for sessions highlighted in green.

Tuesday, February 10

1:15
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Plenary Session - Opening Session
- Welcome, Tinka Hyde, Director, US EPA-Region 5, Water Division

1:30

Session 1A/B: Protecting Aquatic Life Uses: Water Quality Criteria and Other Tools/Approaches, Sarah Lehmann, US EPA-Region 5

- Fish Tissue-based Water Quality Criteria, Holly Green, US EPA-Office of Science and Technology
- Ecological Mapping and Modeling as a Framework for Collaborative Development of State Water Withdrawal Policy in Michigan, Paul W. Seelbach, Michigan Department of Natural Resources
- Setting priorities in listed waterways: Case Study for the Upper DuPage and Salt Creek, Stephen McCracken, The Conservation Foundation

3:00

Break

3:30

Concurrent Sessions Begin

Session 2A: Monitoring Coordination with Other Programs – Showing Success, Christine Davis, Illinois Environmental Protection Agency

- NPS Monitoring in the 21st Century: Ohio's Vision, Jeff DeShon, Ohio Environmental Protection Agency
- Bloomington National NPS Monitoring Project (DNR Fish Work), Trent Thomas, Illinois Department of Natural Resources
- Challenges in Documenting Nonpoint Nutrient Load Reductions at the Watershed Scale: The Sandusky Experience, Dr. Dave Baker, Heidelberg College

Session 2B: Emerging Water Quality Issues and Innovative Monitoring/Assessment Tools and Techniques, Andrew Tschampa, US EPA-Region 5

- Vital, Valuable and Vulnerable – What Shedd Aquarium is Doing to Help the Great Lakes, Melanie Napoleon, Great Lakes Conservation, Shedd Aquarium
- Wabash River - Tools for Assessing Condition and Stressor Identification, Chris Yoder, Midwest Biodiversity Institute, Inc; Ed Rankin and Brian Armitage
- Incorporating New Technology into Monitoring Programs – Update and Discussion with Group, Andrew Tschampa, US EPA-Region 5

This session may end at 5:30

5:00

End – Gather at Hotel Lounge for Continued Discussions

Wednesday, February 11 AM

8:30

Concurrent Sessions

Session 3A: Water Monitoring and Human Health Related Issues, Cary McElhinney, US EPA-Region 5

- Proposed Nutrient Criteria for Potable Water Sources in New York State, Clifford Callinan, New York Department of Environmental Conservation, (remote presentation)
- Fish Tissue Contamination in the Mid-Continental Great Rivers of the United States, Karen Blocksom, US EPA-ORD
- National Rivers and Streams Assessment: Fish Tissue Contaminants, Karen Blocksom, US EPA-ORD

A fourth presentation on this topic will be given on Thursday at 8:00 AM

Session 3B/4B: Emerging Contaminants, Al Alwan, John Dorkin and Andy Tschampa, US EPA-Region 5

- Chemicals of Emerging Concerns: New Challenges, New Opportunities Looking for One Chemical at a Time, or are there Other Possibilities? Andrew Tschampa and Al Alwan, US EPA-Region 5
- Towards an Understanding of Water Quality in a Mixed Agricultural and Urban Watershed: Eagle Creek Watershed, Indiana, Lenore Tedesco, Indiana University – Purdue University Indianapolis
- Eagle Creek Watershed Approach, Results and Future Work, David Bencic, US EPA-ORD

This is a two part session

10:00

Break

10:30

Session 4A: Mussels: Impacts of Pharmaceuticals/Temperature – Updated Research, Ed Hammer, US EPA-Region 5

- Accumulation and Effects of Pharmaceuticals on Native Freshwater Mussels, W. Gregory Cope, North Carolina State University
- Temperature Sensitivities of Freshwater Mussels and Implications for Population Management, Tamara J. Pandolfo, North Carolina State University

Continued from Previous Session (3B)

Session 3B/4B: Emerging Contaminants Cont., Al Alwan, John Dorkin and Andy Tschampa, US EPA-Region 5

- Challenges and Novel Approaches to the Assessment of Endocrine Active Compounds (EACs) in the Aquatic Environment, Heiko Schoenfuss, St. Cloud State University
- EPA Office of Water Effort on Addressing CEC, Diana Eignor, US EPA-ORD
- US EPA ORD Research and Results using Biological End Points, James Lazorchak, US EPA-ORD
- Panel and audience discussion

12:00

Lunch – on your own

Wednesday, February 11 PM

1:00

Concurrent Sessions

Session 5A: Incorporating Volunteer Monitoring into Water Quality Monitoring Programs, Peter Jackson, US EPA-Region 5

- EPA perspectives on Volunteer Monitoring, Peter Jackson, US EPA-Region 5
- Citizen Based Stream Monitoring Program in Wisconsin, Chris Clayton, River Alliance of Wisconsin and Wisconsin Department of Natural Resources and Laura DeGolier, Parkwatch 2010, Fond du Lac, Wisconsin

Session 5B: Anti-Degradation Report Out, Kathy Mayo and Dave Pfeifer, US EPA-Region 5

- Region 5 Project Update, Kathleen Mayo, Louann Unger, David Pfeifer, Eric Brossman, Peggy Donnelly, US EPA-Region 5
- Iowa Anti-Deg Experience, Adam Schnieders, Iowa Department of Natural Resources
- Region 5 State Updates, Shivi Selvaratnam, Indiana Department of Environmental Management and Phil Monson, Minnesota Pollution Control Agency
- Sustainable Development and Anti-Degradation, Bob Newport, US EPA-Region 5

2:30

Break

3:00

Session 6A: Funding Monitoring Programs, Sarah Lehmann, US EPA-Region 5

- Minnesota's Clean Water Legacy, Shannon Lotthammer, Minnesota Pollution Control Agency (remote presentation)
- Water for America, Douglas J. Yeskis, US Geological Survey
- Financing Wetland Monitoring and Other Wetland Program Implementation, US EPA, (1.5 hours), Glenn Barnes, University of North Carolina

This session will end at 5:30

Session 6B: Climate Change and Water Quality, David Horak, US EPA-Region 5

- Climate Change in the Great Lakes Region: Starting a Public Discussion, Stephen Wittman, University of Wisconsin-Madison-Sea Grant
- The Rise and Fall of the Great Lakes Water Levels, Craig Stow, NOAA
- Case Studies in Voluntary Approaches to Improving Surface Water Quality: Leveraging the Emerging Carbon Market and Changing Corporate Purchasing Habits, Todd Parker and Abigail Corso, PE, Delta Institute

5:00/5:30

End for the Day

6:00-

Mixer at Fado – see folder insert for more information

Thursday, February 12

8:00	<p>Session 3A: Part 2 - Water Monitoring and Human Health Related Issues, cont. from Wed AM</p> <ul style="list-style-type: none">- Quality of Surface and Finished Water from Community Water Supplies in Indiana and Nationally, Jeff Frey, US Geological Survey; Tim Lathrop, Jim Kingsbury
8:30	<p><i>Concurrent Sessions</i></p> <p>Session 7A: National Aquatic Resource Surveys – Probability Designs</p> <p>This session will cover issues associated with strengthening the partnership between EPA, States and Tribes, and it will cover technical issues associated with the national rivers/streams, lakes, and wetlands assessments.</p> <ul style="list-style-type: none">- Susan Holdsworth, US EPA-Office of Wetlands, Oceans and Watersheds- Michael Scozzafava, US EPA-Office of Wetlands, Oceans and Watersheds (remote presentation)
	<p>Session 7B: State/Tribal Interaction, Kari Hedin, Fond du Lac and Daniel Cozza, US EPA-Region 5</p> <ul style="list-style-type: none">- Oneida/State of Wisconsin Relations Regarding Water Resources, Jim Snitgen, Oneida- State-Tribal Cooperative Projects in Michigan & Exchange Network Opportunities, Michael Beaulac, Michigan Department of Environmental Quality- Opening the Lines: Tribal/State Communications, Nancy Schuldt, Fond du Lac- John Gozdzialski, Wisconsin Department of Natural Resources- Office of Regional Counsel, US EPA-Region 5
10:00	<p><i>Break</i></p>
10:30	<p>Session 8A: State/Tribal Implementation of Probability Survey Designs/National Survey Methods, Mari Nord, US EPA-Region 5</p> <ul style="list-style-type: none">- Minnesota's Wetland Quality Assessment: the Depressional Wetland Survey and Ideas for the Future, John Genet (remote presentation)- National Lake Assessment, Tribal Perspective, Gretchen Watkins, Lac du Flambeau- National Rivers and Streams Assessment and Ohio's Perspective, Dave Altfater, Ohio Environmental Protection Agency
	<p>Session 8B: Nutrient Criteria Development Update in Region 5, Brian Thompson, US EPA-Region 5</p> <p>Region 5 States will provide updates on their nutrient criteria development efforts. Attendees will have the opportunity to ask questions of U.S. EPA and Region 5 States regarding nutrient criteria development.</p>
12:00	<p><i>End</i></p>