

**VALUING WATER: Exploring the interactions between people, markets, and water**

**Tuesday, November 18, 2014**

8:00-8:30	<b>Registration and Breakfast / Coffee</b>		
8:30-9:45	Welcome and Introductions: Keynote Address - <b>Water Conflicts</b> presented by <b>Dr. G. Dennis Cooke</b> , Professor Emeritus, Kent State University		
9:45-10:00	<b>Break and Exhibits</b>		
	<b>Concurrent 1 - German Village</b>	<b>Concurrent 2 - Oak Room</b>	<b>Concurrent 3 - Alder Room</b>
	<b>Mineral Resource Management (MRM)</b>	<b>Ohio Dam Safety Organization (ODSO)</b>	<b>Ohio Lake Management Society (OLMS) - Water Quality</b>
10:00-10:30	Use of Flue Gas Desulfurization By-products for Coal Mine Land Reclamation (Dr. Butalia Tarunjit, The Ohio State University)	Integrating the City of Columbus Upground Reservoirs into the Scioto River Water Resource System: Part 1- Record-Setting John R. Doutt Reservoir Adds Source (Jeff Brooks, City of Columbus & Ken Ricker, ms consultants)	Color variation in fishes across turbidity extremes in East Africa (Dr. Suzanne Gray, The Ohio State University)
10:30-11:00	Steel Slag Leach Bed Longevity Analysis (Sarah Landers, Raccoon Creek Partnership; Sarah Maj, Amy Mackey, & Natalie Kruse, Ohio University)	Fly Ash Dam Raising Using Nonconventional Components (Dr. Mohammad Ajlouni, American Electric Power)	Mind the Gap: The Federal Funding Gap Between Fundamental Research and Fundamental Solutions for Harmful Algal Blooms (Dr. Stephanie Smith, Beagle Bioproducts)
11:00-11:30	Using Abandoned Underground Mine Pools at Heat Pumps (Dr. Dina Lopez, Ohio University)	Emergency Warning Systems (Jon Kochis, Fairfield County Emergency Management Agency)	Excess nitrogen stimulates cyanobacteria growth and toxin production (Dr. Justin Chaffin, Ohio Sea Grant)
11:45-12:45	<b>Awards Luncheon</b>		
12:45-1:15	<b>Break and Exhibits or OLMS Annual Meeting - German Village</b>		
	<b>Education and Outreach</b>	<b>Water Quality</b>	<b>Ohio Lake Management Society (OLMS) - Stewardship</b>
1:15-1:45	Utilizing "Project WET" and "Healthy Water, Healthy People" in the Development of Ohio's Water Conservation Education Program (Leonard Black, Ohio Dept. of Natural Resources & Dennis Clement, Ohio EPA)	Headwater Stream Assessment (Elayna Stieroff, City of Columbus)	Regional differences in attitudes towards water quality (Dr. Robert Carlson, Ohio Lake Management Society)
1:45-2:15	The Science – Management Nexus in a Complex Institutional Setting: Promoting Agricultural Best Management Practices in the Western Lake Erie Basin (Pranay Ranjan, The Ohio State University)	Improving In-Situ Sequestration of Contaminants in Sediment Using Ultrasound (Zongsu Wei, Dr. Linda Weavers, & Dr. John Lenhart, The Ohio State University)	Communicating Watershed Facts Using GIS (Jim Swihart, Choctaw Lake Property Owners Association)
2:15-2:45	New funding opportunities for water education (Carolyn Watkins & Dennis Clement, Ohio Environmental Protection Agency)	Urban Lake Assessment: Water Quality and Lake Condition in Cuyahoga County, Ohio (Dr. Julie Wolin, Cleveland State University)	The Good, the Bad & the Ugly, a Community's Response to a Lake in Crisis (Donna Grube, Auglaize & Mercer County Convention & Visitors Bureau)
2:45-3:15	<b>Break and Exhibits</b>		
	<b>Next Generation of Water Professionals</b>	<b>Fish Science</b>	<b>Ohio Lake Management Society (OLMS) - A Case Study</b>
3:15-3:45	Nature vs Nurture: What makes for an effective watershed group leader? (Dr. Joe Bonnell, Dr. Anne Baird, Dallas Hettinger, & Pranay Ranjan, The Ohio State University)	Valuing the Lake Erie Fishery (Kevin Kayle & Jeff Tyson, Ohio Department of Natural Resources)	Exploring Buckeye Lake's Origins, History as a Canal Lake, and Early Lake Studies (Michael Gallaway, Ohio Environmental Protection Agency)
3:45-4:15	Recruiting the Next Generation of Water Management Professionals (Carolyn Watkins, Ohio Environmental Protection Agency)	Impacts of Shoreline Alteration on the Nearshore Fish Community of Western Lake Erie (Dr. Christine Mayer, Jason Ross, Jeff Tyson, & Eric Weimer, University of Toledo)	Buckeye Lake Nutrient Reduction Project (Jonathan Ferbrache, Fairfield SWCD)
	4:20 - 5:00 <b>Careers in Water Resources</b> - Oak Room		4:15 - 4:45 Buckeye Lake Update - Presentation of 2014 Data (Jeffrey Bohne, Ohio Environmental Protection Agency)
5:00-6:00	<b>Reception and Poster Session</b>		
6:00	<b>Networking and Hospitality</b>		

## Wednesday, November 19, 2014

8:00-8:30 **Registration and Breakfast / Coffee**

<b>Concurrent 1 - German Village</b>	<b>Concurrent 2 - Oak Room</b>	<b>Concurrent 3 - Alder Room</b>
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<b>Wetlands</b>	<b>Nutrient Loading</b>	<b>Public Water Supply</b>
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8:30-9:00	Ohio River Basin Wetland Conservation Planning Project (Jerome Iles, The Ohio State University)	The implications of environmental policy on nutrient outputs in agricultural watersheds (Brent Sohngen, Sei Jin Kim, Abdoul Sam, The Ohio State University; Kevin King, USDA)	Integrating the City of Columbus Upground Reservoirs into the Scioto River Water Resource System: Part 1 - Removal of Low Head Dam and installation of Pneumatic Weir Gate System (Matt Steele, City of Columbus; Anil Tangirala, ms consultants)
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9:00-9:30	The Nature Conservancy's Stream and Wetland Mitigation Program: Reducing permitting time and increasing success (Devin Schenk, The Nature Conservancy)	Water quality of Grand Lake St. Marys tributaries and potential for in-lake nutrient processing (Laura Johnson, Heidelberg University)	Integrating the City of Columbus Upground Reservoirs into the Scioto River Water Resource System: Part 2- Multi-Faceted Stakeholder Interactions (Troy Branson, City of Columbus; Ken Ricker, ms consultants)
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9:30-10:00	Environmental causes of methane fluxes from an urban wetland (Timothy Morin, Dr. Gil Bohrer, & Liel Naor-Azrieli, The Ohio State University)	Using Cover Crops and No-Till to Economically Reduce Phosphorus Runoff (James Hoorman, The Ohio State University)	Cost of treating cyanobacteria in drinking water (Dr. Dean Reynolds, City of Alliance)
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10:00 - 10:30 **Break and Exhibits**

<b>Water Use and Availability</b>	<b>Nutrient Management</b>	<b>Groundwater</b>
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10:30-11:00	Healthy Water Ohio – A Strategy for Water Resource Management (Dr. Larry Antosch, Ohio Farm Bureau Federation)	Goose Management (Lorraine Krzyzewski & Elayna Steroff, City of Columbus)	10:30-10:50 - Groundwater Resources: An Innovative Succession Plan (Jess White, City of Dayton)
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11:00-11:30	Water Withdrawals in Ohio: Recent Trends (Mitch Valerio & Mike Hallfrisch, Ohio Department of Natural Resources)	The potential for pollutant runoff from surface irrigation of reclaimed wastewater in cold weather (Joshua Griffin, Dr. Karen Mancl, & Dr. Olli Tuovinen, The Ohio State University)	10:50-11:10 - Hydrogeological Investigation of the Timken Faircrest Steel Plant Construction Dewatering Project Stark County, Canton and Perry Townships, Ohio (Curtis Coe & Jim Raab, Ohio Department of Natural Resources)
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11:30-12:00	Water Resources Determining Ohio's Future: Water Efficiency Manual for Industrial, Commercial, and Institutional Facilities (Serena Alexander, Cleveland State University)	Sustainable Water Quality Management and Public Health Protection by Urban Wetlands (Tsung-Ta (David) Hsu & Dr. Jiyoung Lee, The Ohio State University)	11:10-11:30 - Chloride and Nitrate Trends in Ohio's Public Water System Wells (Michael Slattery, Ohio Environmental Protection Agency) 11:30-11:50 - Groundwater Availability in the Appalachian Plateaus (Kurt McCoy, U.S. Geological Survey)
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12:15-1:00 **Lunch and WMAO Annual Meeting**

1:00-1:30 **Break and Exhibits or OWPA Annual Meeting - German Village**

<b>Climate Change</b>	<b>Watershed Management</b>	<b>Floodplain Management (OFMA)</b>
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1:45-2:15	Modeling Potential Impacts of Climate Change on Runoff in the Upper Scioto River Basin - Part 1 (Greg Koltun, U. S. Geological Survey)	What do markers tell us about septic systems in agricultural watersheds? (Dr. Christopher Spiese, Ohio Northern University)	City of Mansfield Flood Hazard Mitigation Initiative (Miles Hebert & Shawn Arden, EMH&T)
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2:15-2:45	Sustaining Scioto: Investing Today Preserving Tomorrow: Modeling Potential Impacts of Climate Change on Runoff in the Upper Scioto River Basin - Part 2 (Greg Koltun, U.S. Geological Survey)	Ohio Watershed Plan Endorsement 2.0 (Greg Nageotte, Ohio Department of Natural Resources)	
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2:45-3:15	Adaptive Management Planning for Climate Change: Addressing Potential Impacts on Infrastructure Planning and Design (Kristin Knight & Lisa Jeffrey, Brown and Caldwell)	Discharge Quality Water From Dairy Manure: A Summary Of The McLanahan Nutrient (Renee Schrifft, McLanahan Corporation)	Understanding the Homeowner's Flood Insurance Affordability Act of 2014 (Alicia Silverio, Ohio Department of Natural Resources)
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3:15-3:30 **Break and Exhibits**

3:30-5:30 **Ice Cream Social and viewing of documentary "Chasing Ice"**