

**Moving the Needle:
Policies, Programs, and People that Drive Change**

Tuesday, November 17, 2015

8:00 - 8:45	Registration; Continental Breakfast and Exhibits (Upper Terrace)		
8:45 - 10:00	Welcome and Introduction; Keynote Address (The Alder - Oak) Ohio State's Collaborative Effort to Solve Water Issues at the Regional and International Level, Marty Kress, OSU		
10:00 - 10:15	Break and Exhibits (Upper Terrace)		
	Concurrent 1 (Oak)	Concurrent 2 (The Alder)	Concurrent 3 (German Village)
	Ohio Dam Safety Organization	Ohio Lake Management Society - Case Studies	Collaboration & Decision Making
10:15 - 10:45	Closing a Pond but not the Dam: The Challenges of Closing an Impoundment that Remains a Regulated Dam , Brian Palmer, AEP	Buckeye Lake, A Season of Change , Michael Gallaway, Ohio EPA	Decision Making for the Hoover Dam and Reservoir Using Weather Forecasting , Eric Onderak, AECOM
10:45- 11:15	Selecting and Accommodating Inflow Design Floods for Dams: Beyond the Guidelines , Amada Hess, Gannett Fleming	Buckeye Lake for Tomorrow , Merv Bartholow, Buckeye Lake for Tomorrow	Role of Collaborative Processes in Adoption of Agricultural Best Management Practices – Insights from a field experiment , Pranay Ranjan, OSU
11:15 - 11:45	Dam Safety Watershed Modeling, Implementing the New Ohio Statewide PMP , Matthew Gramza, Civil & Environmental Consultants	Breaking Down the Silver Bullet (Grand Lake) , Abbey Tobe, Grand Lake/Wabash Watershed Alliance	Adopt Your Waterway , Zuzana Bohrerova, OSU (Ohio Water Resources Center)
11:45 - 12:00	ODSO Annual Meeting	OLMS Annual Meeting	OWPA Annual Meeting
12:15- 1:15	Awards Luncheon (The Alder - Oak)		
	Mineral Resource Management	Ohio Lake Management Society - Monitoring	Education & Professional Development
1:30 - 2:00	Coal Mine Permitting - Water Issues and Water Protection , Mike Dillman - ODNR, Division of Mineral Resources Management	Remote Sensing Survey of Cyanobacteria Blooms in Ohio Lakes , Tyler Gorham, OSU	MS4 Credit and Project WET , Dennis Clement, Ohio EPA
2:00 - 2:30	Regional Watershed Services: A New Model for Watershed Management , Panel Discussion moderated by Marissa Lautzenheiser, Rural Action	Use of an Amisicience Fluoro-Quick Dual-Channel Fluorometer to Monitor for HABS in the Citizen Lake Awareness and Monitoring Program , Susan James, OLMS, and Stephanie Smith, Beagle Bioproducts	Building the Perfect Watershed Leader: A Review of Research and Education Programs from Around the Upper Midwest , Joe Bonnell, OSU
2:30 - 3:00		Intergenerational Volunteer Groups , Emma Matcham, OSU (TerrAqua)	Recruiting the Next Generation of Drinking and Wastewater Treatment Operators , Carolyn Watkins, Ohio EPA
3:00 - 3:30	Break and Exhibits (Upper Terrace)		
3:30 - 5:00	Careers in Water Resources; Professional and Student Networking Event (Franklin)		
	Ohio Floodplain Management Association	Ohio Lake Management Society - Lake Erie	Monitoring & Assessment
3:30- 4:00	Assessing Flood Risk Beyond the Digital Floodplain , Bradford Hartley, Stantec Consulting Services, Inc.	Glyphosate-driven Dissolved Phosphorus Loading in the Maumee River , Christopher Spiese, Ohio Northern University	Expanded U.S. Geological Survey Streamgaging and Water-quality Network in the Western Lake Erie Basin , Kim Shaffer, USGS
4:00 - 4:30	Flood Protection System Asset Management , Peter Soltys, FTC&H	Reducing Nutrient Flows to Lake Erie To Address Harmful Algal Blooms (HABS): Lessons from Policy Approaches Used in Other States , John Hoornbeek, Kent State University	High-frequency and Long-term Tributary Water quality monitoring to detect change, identify problems, and quantify success from the land to Lake Erie , Laura Johnson, Heidelberg University
4:30 - 5:00	An Overview of the USGS Streamgaging Program , Thomas Harris, USGS	Wavelet Analysis to Characterize the Phosphorus Loading in the Western Lake Erie Basin , Suresh Sharma, Youngstown State University	Ohio's Stream Nutrient Assessment Procedure (SNAP) , Robert Miltner, Ohio EPA
5:00 - 6:00	Reception (Upper Terrace) and Poster Session (hallway outside Cedar)		
6:00- ?	Networking Event; Hospitality Suite (The River Club)		

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	Concurrent 1 (Oak)	Concurrent 2 (The Alder)	Concurrent 3 (German Village)
	Agriculture	Ohio Stormwater Association	Wastewater
8:30 - 9:00	Rapid Direct Testing of the Hydraulic Performance of Earthen Manure Impoundments , Michael Olson, Abletech Technologies LLC	Green infrastructure modeling based on local land use and design practices toward the development of a community-based, cohesive strategy for stormwater reduction in Toledo, OH , Cyndee Gruden, University of Toledo	Reducing Phosphorus Runoff Risk by Co-Blending Aluminum Drinking Water Treatment Residuals with Liquid Swine Manure to Bind Excess Phosphorus , Elizabeth Dayton, OSU
9:00 - 9:30	Ohio Western Lake Erie Basin Initiative , Kip Studer, ODNR, Div. of Soil & Water Resources	Retrofitting for Water Quality and Water Volume , Kurt Keljo, Franklin Soil and Water Conservation District	UV Disinfection of Wastewater for Onsite Reuse , Kun Liu, OSU
9:30 - 10:00	Targeting Critical Source Areas or Hotspots: a New Paradigm for NW Ohio , Remegio Confesor, Heidelberg University	Optimizing Stormwater Management to Protect Streams from Erosion , Robert Hawley, Sustainable Streams, LLC	Rising Above Construction Challenges on the Springfield, Ohio High Rate Treatment , Doug Jackson, Kokosing Industrial
10:00 - 10:15	Break and Exhibits (Upper Terrace)		
	Technology & Water	Point / Nonpoint Source	Innovative Practices
10:15 - 10:45	Utilizing Field Data and GIS to Characterize Runoff in a Combined Sewer System , Afaf Musa and Mike Edwards, CDM Smith	Watershed Management Strategies That Cost-Effectively Reduce Drinking Water Risks , Lorraine Krzyzewski, City of Columbus	Enhancing Nutrient Removal from Treated Wastewater with Turf Grasses in a Hydroponic System , Nimesha Gunarathna, OSU
10:45 - 11:15	Watershed Scale Integrated Plan to Mitigate Drought Conditions and Conserve Water Resources , Eric Mbonimpa, Air Force Institute of Technology	Permeable Pavement and Bioretention Performance on Poorly Draining Soils , Keely Davidson-Bennett, Chagrin River Watershed Partners, Inc	Urban SubH2Oshed Initiative: Stormwater Line Data to Storm Sewershed Delineations , Ryan Pilewski, Franklin Soil & Water Conservation District
11:15 - 11:45	Man or Machine: Who Do You Prefer to Construct Your Stream Restoration Project? , Joshua White, Civil & Environmental Consultants, Inc.	Upper Maumee Tributary Monitoring , Stephanie Singer, Defiance Soil & Water Conservation District	Beneficial use of Toledo Harbor Dredge Material as a Component in Manufactured Soil Blends , Peter McDonough, OSU
12:00 - 1:00	Lunch and WMAO Annual Meeting (The Alder - Oak)		
	Groundwater	Ecology	<p align="center">Meeting of the Ohio Water Resources Council - State Agency Coordinating Group</p> <p align="center"><i>(OWRC-SACG is a public meeting and open to conference attendees)</i></p>
1:15 - 1:45	Automated MicroGC Monitoring Solution for VOCs in Ground Water , William Steinecker, VGC Chromatography	Working on a Watershed Scale in the Great Miami River Watershed for 100 Years , Sarah Hippensteel Hall, Miami Conservancy District	
1:45 - 2:15	Strontium in Ohio's Ground Water , Chris Kenah, Ohio EPA	Big Darby Creek: A Decade of Protection and Restoration of Biodiversity , Anthony Sasson, The Nature Conservancy	
2:15 - 2:45	Quick Implementation of Long-Term Passive In-Situ Remediation of Contaminated Groundwater Seeps , John Hull, Hull and Associates, Inc	Stream and Wetland Mitigation Solutions: The Nature Conservancy's In-Lieu Fee Program , Devin Schenk, The Nature Conservancy	
2:45 - 3:15	Break and Exhibits (Upper Terrace)		
3:15 - 4:15	Closing Panel - Healthy Water Ohio: A Strategy for Water Resource Management (The Alder - Oak) Larry Antosch, Ohio Farm Bureau Federation; and John Stark, The Nature Conservancy		
4:15 - 5:00	Ice Cream Social and Door Prize Drawing (The Alder - Oak)		