

# Water Weirding

## Wednesday, November 13, 2019

8:00 - 8:30	<b>Registration &amp; Coffee</b>				
8:30 - 10:00	<b>Welcome and Introduction</b>				
	Keynote Address: Aaron Wilson, OSU Byrd Polar and Climate Research Center				
10:00 - 10:15	<b>Break</b>				
	<b>Concurrent 1</b>	<b>Concurrent 2</b>	<b>Concurrent 3</b>	<b>Concurrent 4</b>	
10:15 - 11:45	<b>Mineral Resource Management</b>	<b>Ohio Lake Management Society</b>	<b>Ohio Department of Agriculture</b>	<b>Ohio Floodplain Management Association</b>	<b>Special Events</b>
10:15 - 10:45	Acid Mine Drainage Paint Pigment (Michelle Shively, Rural Action and True Pigments)	Weird Weather: Did the unprecedented precipitation of 2019 in the Maumee River watershed affect riverine planktonic cyanobacterial dynamics? (Doug Kane, Defiance College)	Innovating Voluntary Agricultural Conservation with State Incentives (Greg Nageotte, ODA)	<b>10:15 - 10:45</b> National Flood Insurance Program & Floodplain Management Updates (ODNR Floodplain Management Program)	
10:45 - 11:15	Ohio AML Pilot Projects - Combining Reclamation with Economic Development (Ben McCament, ODNR MRM)	Weather and Climate Impacts on Lake Erie and Coastal Systems (ODNR Coastal Management)	Agricultural Pollution Abatement Program (Jason Tyrell, ODA)	<b>10:45 - 11:15</b> Risk Rating 2.0: Progress to Date and Next Steps (Tony Hake, Federal Emergency Management Agency HQ)	
11:15 - 11:45	Proven Pilot Patronships: Ohio AML Program & Rural Action (Marissa Lautzenheiser, Rural Action)	Grass Carp Invasion Update (Nikki King, University of Toledo)	Overview of Permitting of Large Livestock Facilities in Ohio (Andy Ety, ODA)		
12:00 - 1:00	<b>Awards Luncheon, Vendor Challenge Drawing 1</b>				
1:15 - 2:45	<b>Ohio Dam Safety Organization</b>	<b>Ohio Lake Management Society</b>	<b>Sustainable Farming</b>	<b>Ohio Floodplain Management Association</b>	
1:15 - 1:45	New Dam Construction in Guernsey County, Ohio (Matt Marquis & AJ Smith, Hull & Associates, Inc.)	Modeling Approach to Analyze Salinity Intrusion in Mentor Marsh (Suresh Sharma, Youngstown State University)	Regenerative Farming (Eric Pawlowski, OEFFA)	<b>1:15 - 2:00</b> Why (Almost) Every Ohio Community Should be in the CRS Program (John Devine, FEMA Region 5)	
1:45 - 2:15	Design and Construction of Cannon Drive Levee - Phase 1 (Michael Rowland, S&ME)	Six Mile Aqueduct, A Restoration Project Steeped in Challenges and Rain (Matthew Gramza and Jacob Bench, CEC)	Regeneration from the Ground Up (Susan Jennings, Community Solution)		
2:15 - 2:45	Effects of scour, landslides and debris flows in Puerto Rico during Hurricane Maria (Daniel Pradel, Ohio State University)	Species Distribution Models for a Native Imperiled Minnow and a Non-native Sport Fish in Ohio (Ken Oswald, Ohio Northern University)	An Agro-Ecological Farmer's Perspective on Sustainably Adapting to an Ever-Changing Climate (Jeff Dickinson, Stratford Ecological Center)	<b>2:00 - 2:45</b> Floodplain Frequently Asked Questions (ODNR Floodplain Management Program)	
2:45 - 3:15	<b>Break</b>				
3:15 - 4:45	<b>Ohio Dam Safety Organization</b>	<b>Ohio Lake Management Society</b>	<b>Nutrient Management</b>	<b>Ohio Floodplain Management Association</b>	<b>Careers in Water Resource: Professional and Student Networking Event</b>
3:15 - 3:45	Buckeye Lake Dam Improvements (Doug Evans, ODNR)	Best management practices could combat nutrient loadings to Lake Erie in a changing climate (Haley Kujawa, Ohio State University)	H2Ohio and Ohio's DAP (Joy Mulinex, Ohio Lake Erie Commission)	<b>3:15 - 3:45</b> Reconnecting Streams with their Floodplains in the Chagrin River Watershed (Kristin Hebebrand, Chagrin River Watershed Partners)	
3:45 - 4:15	Removing the Tait Station low dam from the Great Miami River (Kurt Rinehart, MCD)	Reservoir management for harmful algal blooms in drinking water sources (Ruth Brilland, Ohio EPA)	Agricultural Soil Erosion and Water Quality Targets: Management Matters (Libby Dayton, Ohio State University)	<b>3:45 - 4:15</b> USACE Flood Risk Reduction Opportunities (Laura Ortiz, USACE Buffalo District)	
4:15 - 4:45	High Hazard Dams - Emergency Action Plans and 2d Modeling (Charles Dewes, Christopher Burke Engineering)	Measuring streamflow, water quality and nutrient sediment loads in the Western Lake Erie Basin (Donna Runkle and Dennis Finnegan, USGS)	Agricultural Phosphorus Runoff and Water Quality Targets: Nutrient Placement (Shane Whitacre, Ohio State University)	<b>4:15 - 4:45</b> Using GIS and HAZUS to Identify Flood Risk Areas (Matt Leshner, Stantec)	
5:00 - 6:00	<b>Reception &amp; Poster Session</b>				
6:00 - ?	<b>Attendee Networking Event</b>				

# Water Weirding

## Thursday, November 14, 2019

Registration & Coffee					
	Concurrent 1	Concurrent 2	Concurrent 3	Concurrent 4	
8:00 - 8:30	<b>Registration &amp; Coffee</b>				
8:30 - 10:00	<b>Recreation</b>	<b>Then &amp; Now</b>	<b>Groundwater</b>	<b>Ohio Floodplain Management Association</b>	<b>Special Events</b>
8:30 - 9:00	Clean Marina & Boaters (Heather Sheets, ODNR)	Cuyahoga: From Flame to Fame: The Story of an American River (Bill Zawiski, OH-EPA)	Statewide, Seamless Mapping of Groundwater Vulnerability using a Modified DRASTIC Model (Craig Nelson, ODNR Geological Survey)	<b>8:30 - 9:00</b> OFMA General Session & Annual Meeting	
9:00 - 9:30	Water Recreation In Weird Times (Lisa Daris, Olentangy Paddle)		Water use in Ohio, the Nation, and moving towards a water-use real-time network (Kimberly Shaffer, USGS)	<b>9:00 - 9:30</b> Climate Change Resiliency of Stormwater Infrastructure in NE Ohio (Jay Mosley, Environmental Design Group)	
9:30-10:00	Staying Afloat with Trends in Outdoor Recreation (Adria Bergeron and Kara Musser, Muskingum Watershed Conservancy District)	Sustaining Scioto Short Term Implementation Plan (Stephen Patchan, MORPC)	Ohio EPA's Underground Injection Control Program (L. Taliaferro III, Ohio EPA)	<b>9:30 - 10:00</b> Floodplain Resiliency: The Coming Convergence of Disruption (Julie Lawson, Environmental Design Group)	
10:00 - 10:15	<b>Break</b>				
10:15 - 11:45	<b>Ohio Watershed Professional Association</b>	<b>Data and Coordination</b>	<b>Drinking Water</b>	<b>Ohio Floodplain Management Association</b>	<b>Ohio Conservancy Districts Meeting</b>
10:15 - 10:45	Enhancing the Utility of Macroinvertebrate Data Collected by Volunteers (Kurt Keljo, Franklin SWCD)	Development of Integrated Prioritization Systems to Support Water Quality Management Decision- Making (Edward Rankin, Midwest Biodiversity Institute)	Using Ultrasound to Control Cyanobacterial Blooms in Source Water Reservoirs (Zuzana Bohrerova, OSU)	<b>10:15 - 11:00</b> Why Knowing How Much It Rained Delivers Beneficial Results (Mark Frazier - NWS Syracuse Indiana, Sarah Jamison - NWS Cleveland Ohio, Link Crawford - NWS Wilmington Ohio)	
10:45- 11:15	It should be normal by now - using systems thinking to protect rivers (Sarah Hippensteel Hall and Mike Ekberg, MCD)	Allen Creek Berm Opening - An Alternative to Noah's Ark (Jeremy Hedden, Bergmann Associates)	Impact of filter upset during conventional surface water treatment on UV disinfection efficacy (Judith Straathof, OSU)	<b>11:00 - 11:45</b> Using Current Technology to Determine Both Fluvial and Pluvial Risk (Mark Seidelmann, Stantec)	
11:15-11:45	Challenges in watershed governance: A Cross-cultural comparison of Ohio and the Dominican Republic (Joseph Bonnell, PhD)	Flood Warning Services in a Wetter World (Sarah Jamison, NOAA)	Peeling the Onion, the Layers of Asset Management (Susan Schell, OEPA - DDAGW)		
12:00-1:00	<b>Lunch, WMAO Annual Meeting, Drawing 2 for Vendor Challenge</b>				
1:00- 1:30	<b>WMAO Division Annual Meetings, Water History Challenge</b>				
1:30 - 3:00	<b>Stormwater &amp; Community Engagement</b>	<b>Education</b>	<b>Water Treatment</b>	<b>Ohio Floodplain Management Association</b>	<b>Ohio Water Resources Coordinating Meeting</b>
1:30 - 2:00	Assessment of Bioretention Performance for Hydrology and Hydrocarbons (Abigail Tamkin, OSU)	Project WET Updates (Dennis Clement, OH-EPA)	Seawater sewage treatment with sand bioreactors (Kristen Conroy, OSU)	<b>1:00 - 3:00</b> Certified Floodplain Manager & Professional Engineering Ethics Training (Cindy Crecelius and Shawn Arden - EMHT)	
2:00 - 2:30	Getting Rain Gardens Built without Lifting a shovel (Susan Bryan, Washtenaw County Water Resources)	Unique and Effective Ways to Educate for Improving Water Quality (Ryan Bourgart, OH-EPA)	Using Instream Bio-reactors to Improve Water Quality, Reduce Erosion and Change Stream Morphology (Kurt Keljo, Franklin SWCD)		
2:30 - 3:00	Educational Programs at Latham Park (Hala Zahreddine, Urban Park Development, LLC)	Ohio Watershed Leaders Conference – Seventeen Years and Still Evolving (Jerry Iles, OSU Extension Fairfield County)	Ohio EPA Panel		
3:00- 3:15	<b>Break</b>				
3:15 - 4:45	<b>Ice Cream Social, TerrAqua Event, Drawing 3 for Vendor Challenge</b>				