49th Annual Water Management Association of Ohio Conference

Agenda at a Glance

Monday, November 2, 2020

Plenary Session

9:00 - 11:00

Keynote Address & Recreation

Danella Pettenski, *Administrator*
City of Columbus, Division of Water

Cleveland Metroparks Fisheries Program: An Intersection of Conservation, Education and Recreation (**Mike Durkalec**, Cleveland Metroparks)

Clean H2O in the O-H-I-O: Encouraging clean water through innovations in sustainability (**Heather Sheets**, Ohio Clean Marinas)

11:30-12:30

OLMS Annual Meeting

Session I	Session II
1:00 - 3:00	**1:00 - 3:00**
Ohio Floodplain Management (OFMA)	***Water Resources***
Proactive Data Collection for Flood Warning (**Chuck Kozora**, OTT Hydromet)	*An Evaluation of the Long-term Integrity of the Ohio Ground Water Observation Well Network* (**Curtis Coe,** Ohio DNR Division of Geological Survey)
National Flood Insurance Program (NFIP) Update (**Alicia Silverio**, ODNR Division of Water Resources)	*Three-Dimensional Hydrodynamic Modeling to Analyze the Salinity Interaction between Coastal Marshland* (**Sharesh Sharma**, Youngstown State University)
Temporary Fill and their impact to the BFE (**Chad Boyer**, ms consultants, inc.)	*Education and Financial Assistance Programs for Homeowners with Private Drinking Water Wells* (**Cindy Brookes**, Great Lakes Community Action Partnership)
The Ohio State University Levee Project (**Miles Hebert**, EMH&T)	*Design-Build delivery and its benefits to stream restoration projects* (**John Herchl**, Environmental Remediation Contractor)

Tuesday, November 3, 2020

Session III	Session IV
9:00 - 11:00	**9:00 - 11:00**
Ohio Lake Management Society (OLMS)	***ODNR-DNAP, OWPA, OSRA Rivers Symposium***
Pouring Salt into the Waters: Recent Increases in Chloride in Lake Erie Tributaries (**Douglas Kane**, Heidelberg University)	Opening Remarks - *Welcome*: **Mary Mertz**, Director, Ohio Department of Natural Resources
Spectral Decomposition of remote sensing images as a tool for water quality management (**Joseph Ortiz**, Kent State University)	Keynote Address: *Recent Trends in Ohio's Native Fish: Expansions and Contractions* (**Brian Zimmerman**, The Ohio State University)
Researching HAB Mitigation through Optimization of Algaecide Type and Application (**Elizabeth Crafton**, Hazen and Sawyer and **Jessica Glowczewski,** City of Akron)	*Geologic History and Geomorphology of the Little Miami River* (**Mike Angle**, Ohio DNR Division of Geologic Survey)
Field Testing of AB Algaecide Optimization Research at Lake Rockwell Reservoir (**Jessica Glowczewski** and **Charles Lacy,** City of Akron)	*The Heidelberg Tributary Loading Program: Keeping a Finger on the Pulse of Ohio's Watersheds* (**Laura Johnson**, Heidelberg University)

11:30-12:30

OWPA Annual Meeting

Session V	Session VI
1:00 - 3:00	**1:00 - 3:00**
Ohio Lake Management Society (OLMS)	***ODNR-DNAP, OWPA, OSRA Rivers Symposium***
Comparing SWAT predicted flows at field-scale with edge-of-field data in western Lake Erie basin, US (**Asmita Murumkar**, The Ohio State University)	*A Partnership to Protect Ohio's Giant Salamander, the Eastern Hellbender* (**Greg Lipps**, The Ohio State University)
Sport Fish Assessment in Ohio: the Inland Management System (**Curtis Wagner**, Ohio DNR Division of Wildlife)	*Status of Ohio Freshwater Mussels in the Little Miami River and Statewide* (**Michael Hoggarth**, Otterbein University)
The US EPA's National Lakes Assessment: A Collaborative Survey of the Nation's Lakes and Reservoirs (**Lareina Guenzel**, U.S. EPA)	*Scioto Brush Creek: Watershed Education, Awareness and Involvement in a Rural Community* (**Martin McAllister**, The Nature Conservancy)
Can Buoys Predict the Future? Early Alerts of Harmful Algal Blooms (**Darren Bade**, Kent State University)	**Meet the River Partnerships** *Join us for small group discussions related to Ohio rivers*

Wednesday, November 4, 2020

Session VII	Session VIII
9:00 - 11:00	9:00 - 11:00
Asset Management	***Ohio Watershed Professionals Association (OWPA)***
Concept of Remaining Useful Life: Benefits & Dangers (**Murat Ulasir**, OHM Advisors)	*Statewide Volunteer Monitoring Programs: Keys for Success* (**Marcy Knoll Wilmes**, Michigan Dept. of Environment, Great Lakes, and Energy)
Application of Artificial Intelligence in Operations & Planning (**Murat Ulasir**, OHM Advisors)	*Choose Your Adventure: A Model for Watershed Stewardship Program* (**Lisa Meranti**, Cleveland Metroparks)
Data the Newest Asset (**Mark McCabe**, Wallace Pancher Group)	*Volunteer Monitoring in Licking County, Ohio: A Soil and Water Conservation District Program* (**Denise Natoli Brooks**, Licking SWCD)
Drinking Water Metrics for a Complete Asset Management Program (**Sean Stephenson**, Ohio EPA)	*Collecting Monitoring Data to Inform Stormwater Management Policy* (**Matt Wooden**, Northern Kentucky Sanitation District No. 1)
11:30-12:30	
Poster Session	
Session IX	**Session X**
1:00 - 3:00	**1:00 - 3:00**
Drinking Water	***Ohio Stormwater Association (OSWA)***
Source Water Protection Planning in the Age of PFAS (**Doug Hunter**, Cox-Colvin & Associates, Inc.)	*Can We Retrofit Storm Sewers to Reduce the Frequency of Stream Disturbances?* (**Adam Lehmann**, Hamilton SWCD)
Optimization of Microcystin-LR Removal by Permanganate Pre-oxidation (**Maycee Hurd**, The Ohio State University)	*Habitat Provision by Bioretention Retrofits in an Urban Area* (**David Wituszynski**, The Ohio State University)
Characterization of ambient germicidal UVB (**Eric Mbonimpa**, Air force Institute of Technology)	*Underground Storage and Pretreatment: Design Methods in Ohio* (**Michael Cook**, Advanced Drainage Systems, Inc.)
Integrating Source Water Protection into Ohio's Environmental Programs (**Craig Smith**, Ohio EPA Division of Drinking and Ground Waters)	*Managing Stormwater - Regionally and Collaboratively* (**Frank Greenland**, Northeast Ohio Regional Sewer District)

Thursday, November 5, 2020

Session XI	Session XII
9:00 - 11:00	9:00 - 11:00
Agriculture	***Ohio Dam Safety Organization (ODSO)***
Farmer Advocates for Conservation (**Stephanie Singer**, and **Erin Payne**, The Nature Conservancy)	*Utilizing Scanning and UAV Technologies to Document As-Builts & Monitor Potential Spillway Movement* (**Boris Slogar** and **David Lautenschleger**, Muskingum Watershed Conservancy District)
The Farmer or the Farm: What Explains Farmers? Nutrient Loss? Associated Risk Perceptions? (**Elizabeth Schwab**, The Ohio State University)	*Case Study: The Importance of Good Flashboard Design for Dam Safety, a Dam Owner's Perspective* (**Stephen Kinsley**, City of Columbus)
What are the nutrient levels in Lake Erie tributaries and where are they coming from: Expanded Nutrient Monitoring Report (**Sandra Kosek-Sills**, Ohio Lake Erie Commission & **Paul Gledhill,** Ohio EPA)	*Saving Lake Jinelle - Ohio's First Dam Overtopping Protection Project with ACBs* (**Erik Schuller**, Gannett Fleming Engineers and Architects)
H2Ohio Implementation on Working Agricultural Lands in the WLEB (**Clark Hutson**, ODA Division of Soil and Water Conservation)	*The failures of Edenville and Sanford dams in May 2020* (**Daniel Pradel**, The Ohio State University)
11:30-1:00	
AWARDS CEREMONY and WMAO ANNUAL MEETING	
Session XIII	**ODSO Annual Meeting**
1:00 - 3:00	**1:30 - 2:30**
Water Education	
2020 Project WET Ohio Water Education Program Updates (**Dennis Clement**, Ohio EPA Office of Environmental Education)	
Ohio County Soil and Water Conservation Districts Area and OFSWCD State Envirothon (**Janelle Mead**, OFSWCD; **Emily Heppner**, ODA; and **Wendee Zandanski**, Jefferson SWCD)	
Future City (**Kevin White**, IBI Group and **Matt Marquis**, Hull & Associates, LLC)	
Distance Learning and discover-water.org During Covid-19: A Closer Look At Project WET Materials for Virtual Learning (**Dennis Clement**, Ohio EPA Office of EE)	