

	ID#	Title	Speaker	Organization	ID#	Title	Speaker	Organization	ID#	Title	Speaker	Organization	ID#	Title	Speaker	Organization	ID#	Title	Speaker	Organization
Thursday	Watershed Planning and Restoration				Monitoring, Inspection, and Maintenance				Stormwater Practices, BMPs, Planning and Design				Modeling and Research				Legal			
9:00 - 10:00	82	Getting it Funded - Grant Resources for Watershed Restoration and	Betsy Ehler	Burgess & Niple	40	Data at Your Fingertips: Mobile GIS for Stormwater Monitoring	Katie Norris	City of Dayton Department of Water	68	Maintaining Sediment & Erosion Controls in the Urban Environment	Kelly Parker	Cuyahoga SWCCD	30	2D modeling concepts for dams, streams and wetlands in Ohio	Matthew Marquis	Hull & Associates, LLC	28	Ohio Water Law 101	Louis L. McMahon	McMahon DeGulis LLP
					38	Aerial & Bathymetric Drones Aid Detention Basin Inspections	Alan Stadler	Wade Trim	70	Revisions to Rainwater and Land Development	Justin Reinhart	Ohio EPA	31	Climate change impacts on urban streamflow: implications for stormwater management	Zia Ul Hassan	Kent State University	29	Water Law 102: Basic Legal Issues	Louis L. McMahon	McMahon DeGulis LLP
10:15 - 11:15	92	Restoring the Black: Capping off a Decade of Restoration	Kate Golden	City of Lorain	43	Digital Technologies for Effective Green Infrastructure Management	Stephanie Weagraff	Arcadis	72	Stream Bank Stabilization Techniques: Improve Water Quality and Protect Assets	Brian Tornes, PE	Burgess & Niple	33	Integrated 1D-2D Modeling for Flood Hazard Delineation	Dustin West	Hazen and Sawyer	26	Legal Hot Topics and Stormwater Litigation	Wendlene M. Lavey	McMahon DeGulis LLP
	98	The Power of Coalition Building in Watershed Restoration	Marissa Lautzenheiser	Rural Action	39	Asset Management for Constructed and Natural Stormwater Systems	John Aldrich	CDM Smith					34	Proper Sizing of Stormwater Control Measures	Greg Williams	StormTrap LLC				
11:30 - 12:30	87	No (Elevation) Relief in Sight: Olmsted Township's Stormwater Master Plan	Dave Gleason	Stantec	46	Improving SMP Design: Lessons Learned from Inspections	Shiny Mathew	JMT	64	Dam or Filter – What's the Difference?	Craig A. Shultz	American Excelsior Company	36	Watershed Surface Coefficient Assessment with Unified Runoff Time Implications	Ken Kagy	City of Milton	23	Conservancy Districts and Flood Retention: The Good, Bad, and Ugly	John M. Hoopingarner	McMahon DeGulis LLP
	79	A Practitioner's Overview of a Developing Water Quality Trading Market	Erin Delawalla	Resource Environmental Solutions, LLC (RES)	37	A Proactive Examination of Maintenance during Green Infrastructure Design	Alysondria Eason	Hazen and Sawyer	65	Green Infrastructure Planning Approach Adopted for Stormwater Authority of Chester	Aaditya Pise	HDR								
12:30 - 2:00	Lunch + 30 min Vendors																			
2:00 - 3:00	85	Leveraging the Digital Data Toolbox to Address Urban Flooding	Christian Heller	Wade Trim	45	How Does Your Post-Construction Program Measure Up?	Brent Eysenbach	Cuyahoga SWCD	61	Anionic PAM Logs for Turbidity Removal and Water Clarification	Kyla Iwinski Wood	Applied Polymer Systems	6	Biomimicry as nature-based methodology for coastal and stormwater infrastructure design	Elena Stachew	Biohabitats and The University of Akron	25	Effective Stormwater Controls for Reducing Nutrient Impairments in an Urban Watershed	Stephen Haughey	FROST BROWN TODD LLC
	81	Creating a Stream/Wetland Complex with Sand Seepage Berms	Kevin Grieser	Biohabitats									32	Dam Breach and Inundation Mapping	Patrick McMahon	S&ME				
3:15 - 4:15	96	Sustainable Watershed Planning Guidebook (Sustainable Streams and USFWS, 2020) Part 1&2	Bob Hawley, Ph.D., P.E.	Sustainable Streams LLC	51	Prioritized Catchment-Based Approach to Ongoing Surveillance of MS4 Outfalls	Kate Moran	CDM Smith	66	How to prioritize, fix, and fund our drainage infrastructure problems	Brandon Vatter	Raftelis	9	Evaluation of Sewershed Scale Hydrological Responses to Retrofitted Green Infrastructure	Kathryn Boening	Ohio State University	27	Maui Ruling Impacts on Stormwater Discharges to Groundwater	Adrienne Nemura	Geosyntec Consultants
					54	Storm Outfall Inspections and Testing, Lessons Learned, Changes Made	Joseph Reitz	City of Avon Lake					17	The Impact of Sewershed-Scale Green Infrastructure on Stormwater Quality	Joseph Smith	Ohio State University	24	Could a General Nutrient Permit help the Lake Erie Basin?	Nathaniel Morse	Vorys, Sater, Seymour and Pease LLP
4:30 - 5:30	101	Moments in the Marsh: Restoring and Protecting a Coastal Gem	Sally Gladwell	Mannik Smith	49	Neglected Drainage Systems - Where to start?	Mark Delisio, P.E.	CT Consultants, Inc.	69	Regional Offsite Mitigation in an Urban Environment	Chad Boyer	ms consultants, inc.	14	Parking reserved for GI: hydrologic performance of commercial stormwater retrofits	Andrew Tirpak	Ohio State University	78	Transportation Roundtable	Jonathan Prier	Ohio Department of Transportation
									63	BRIC by BRIC, A Real World Guide to FEMA Grants	Kari Mackenbach	ms consultants, inc.	7	Designing Floating Treatment Wetlands to Improve Pond Performance: A Meta-Analysis	Andrew Tirpak	Ohio State University				
Friday																				
8:15 - 9:15	100	You Caught the Fish - Now What?	Suzanne Hoehne	Biohabitats, Inc	55	Using Trash Trappers for a Cleaner Toledo	Edith Preciosa Kippenhan	City of Toledo Environmental Services	67	Hybrid Stormwater Infrastructure: Addressing Tomorrow's Challenges Through Creative Design	Chris Allen	Contech Engineered Solutions, LLC	8	Engaging the Public with Green Stormwater Infrastructure	Sara Guiher	Toledo Metropolitan Area Council of Governments	102	Ohio EPA	John Matthews, Jason Fyffe	Ohio EPA
					50	PFAS in Stormwater: The What, How, and Why of Testing	Taryn McKnight	Eurofins Environment Testing America					13	Innovative Green Infrastructure Beneath Milwaukee's Marquette Interchange	Anna Sunderland	Strand Associates, Inc.				
9:15 - 9:45	Vendors																			
9:45 - 10:45	99	Widening the Viewpoint: Building NPS-IS for Near-Field and Far-Field Goals	Deanna Bobak	Civil & Environmental Consultants, Inc.	56	Winter Floods: Know Your Risk	Sarah Jamison	National Weather Service Cleveland	60	An Odyssey of Artful Stormwater Design in Wheeling, WV	Gabe Hays	WallacePancher Group	83	Headwater stream restoration provides stormwater storage and improved habitat	Kaley Donovan	Davey Resource Group, Inc.	73	Build It and They Will Come	Gregory Kacvinsky	OHM Advisors
	94	Stream Restoration and Infrastructure Protection: North Branch Sycamore Creek	Amy Schultz	Beaver Creek Hydrology	52	Proactive Data Collection for Flood Warning	Chuck Kozora	OTT HydroMet	58	A Turnkey Stormwater Solutions Operation	Mike	Massonne	10	Finding the Right Mix: Bioretention Media Effects on Water Quality	Ryan Winston	Ohio State University	74	City of Avon Lake Stormwater Infrastructure Update	Joseph R. Reitz, P.E., CPESC, CESSWI	City of Avon Lake
11:00 - 12:00	88	Penn 7 Maumee River Wetland Restoration: Planning and Construction Overview	Ryan Darnton, J.D., PE	NOAA Restoration Center; ERT Contractor	42	Development and Implementation of a Statewide Dam Construction Monitoring Plan	Chad Davis	HDR, Inc	19	Industrial Stormwater: Defining, Monitoring, and Managing Water under NPDES	Julie Morelli	POWER Engineers, Inc.	12	Green Infrastructure at Wissinoming Park: Maximizing Treatment in Unique Setting	Andrew Birmingham	Johnson, Mirmiran & Thompson, Inc.	76	Getting Rain Gardens Built without Lifting a Shovel	Susan Bryan	Washtenaw County Water Resources
					44	Framework for Managing Stormwater Infrastructure	Lauren Van Meter	HDR												
12:00 - 1:00	BREAK																			
1:00 - 2:00	93	Rooting for Stable Streambanks – NEORSW SWIM Root Cause Failure	Christina Silea	Northeast Ohio Regional Sewer District	53	Project Management Solutions for Integrating Asset Tracking and Inspections	Olivia Devereux	Devereux Consulting, Inc.	21	Navigating Industrial Stormwater NPDES Permits: SWPPPs, BMPs and Benchmarks	Jennifer Conroy, PE, CPESC	Burgess & Niple	15	Permeable Paving & Ground Stabilization	Doug McCluskey	Everett J Prescott	77	What To Do When Your Project Has "Topsoil Replacement/Restoration" Curb and Gutter Modifications as Pretreatment for Green Infrastructure	Chris Vasco	Cuyahoga SWCD
	90	Resolving a "Stickney" Situation	Derek Vogel, P.E.	Northeast Ohio Regional Sewer District	41	Designing Manufactured Treatment Devices (MTDs) with Maintenance in Mind	Dana Hinaman	Contech Engineered Solutions									75		Alec Grimm	The Ohio State University
2:15 - 3:15	91	Restoring Part of Toledo's Urban Wetland Puzzle at Detwiler Marsh	Alexandria Peters	The Mannik & Smith Group, Inc.	47	Increasing the Life Cycle of SCMs with Preventative Maintenance	Jeffrey Urban	AQUALIS	20	Industrial Stormwater: Not Just Your Father's Stormwater	Gary Lohse	Hydro International	18	Urban Green Infrastructure Design in Baltimore - Lessons Learned	Andrew Sankowski	Straughan Environmental, Inc.	16	Retrofitting Green Stormwater Infrastructure to Sustainably Address Changing Storms	Matthew Jones	Hazen and Sawyer
	86	Lick Run Valley Conveyance System Construction and Lessons Learned	John Lyons	Strand Associates, Inc.									11	Follow the Drop: Building Water Security & Resiliency	Lauren Roth Venu	3Rwater, Inc.	2	The Evolution of Turf Reinforcement Mat Technology	Timothy Lancaster	GrassWorx LLC