

Wednesday	A		B		C		D		E		
8:30-8:45	Harry Stark, Conference Opening										
8:45-9:20	John Hartig, Keynote Address										
		SW Practices and BMPs Planning and Design		Green Infrastructure		Watershed Planning and Restoration		Monitoring, Inspection, Maintenance		MS4 Program Management	
9:30-10:30	A	1 Extending the Discussion on Extended Detention	B	1 Green Infrastructure Monitoring through a Cleveland Metroparks-Kent State University Partnership	C	1 It's 9-Elementary, My Dear Watershed	D	1 Flood Prevention using Automated Controls for Weir Gate and Pumping	E	1 Stormwater Billing – Simple or Not?	
		Justin Reinhart, Ohio EPA		Anne J Jefferson, Kent State University		Stephanie Dyer, Eastgate Regional Council of Governments		Scott Morrow, Hazen and Sawyer		Jeffrey Duke, NEORS	
				Lauren Kinsman-Costello, Kent State University		Christina Znidarsic, Environmental Design Group		Lisa Jeffrey, Hazen and Sawyer		Keith Readling, Raftelis	
				Jennifer Grieser, Cleveland Metropark							
10:30-10:45 (Break - vendor showcases)											
10:45-11:45	A	2 Climate Uncertainty: Stormwater Resiliency using Updated Precipitation Frequency Estimates	B	2 Ecological Benefits of Newly Installed Bioretention Basins	C	2 Sandusky Bay Strategic Restoration Initiative Plan –Solving Bay WQ Problems	D	2 Advancements in Testing Infiltration (Hydraulic Conductivity) of Green Infrastructure Practices	E	2 WEF Stormwater Institute's National MS4 Needs Assessment Survey	
		Julie Lawson, Environmental Design Group		David Wituszynski, Ohio State University		Tom Denbow, Biohabitats, Inc. Great Lakes Bioregion		A.J. Schwidder, Upstream Technologies		Rebecca Arvin-Colon, Water Environment Federation	
	A	3 Utilizing Lidar for Stormwater Management			C	3 The More the Merrier: Partnering for Restoration at NASA Glenn	D	3 Development of Stream Peak Stage Elevation Data Collection Program	E	3 Collaborative Approaches to MS4 Permit Compliance in Southeast Michigan	
		Brian Stevens, Woolpert, Inc.				Jared Bartley, Cuyahoga SWCD		Saul Gruzdzys, R2O Consulting		Annette DeMaria, Environmental Consulting & Technology Inc.	
		David Blackstone, OGRIP				Pat Nortz, Otisco Engineering Ltd.					
11:45-12:30 (Break - vendor showcases)											
12:30-1:30	A	4 The Benefits of Using Park Open Space for Stormwater Management	B	3 Greening "The Land" for a Consent Decree Demand	C	4 Wetland Restoration at the Euclid Creek Dugway Tunnel Storage System	D	4 You Don't Know What You Don't Know	E	4 Utilizing College Interns to Meet MS4 Requirements	
		Rachael Rhodes, V3		Kimberly Colich, NEORS		Michael Liptak, Enviroscience Inc.		Phillip Taylor, Hydro International		Beth A. Seibert, Allen SWCD	
		Don Staley, V3		Rachel Webb, NEORS		Sarah Rehner, NEORS		D	5 Wood Is Good For Restoring Eroding Streambanks	E	5 Real-World Issues Experienced by MS4s in Meeting Evolving General Permit Requirements
								Mark Link, NEORS		Nancy Ellwood, CDM Smith	
								Claire Posius, NEORS			
Thursday											
	A		B		C		D		E		
		SW Practices and BMPs Planning and Design		Green Infrastructure		Watershed Planning and Restoration		Monitoring, Inspection, Maintenance		MS4 Program Management	
8:30-9:30	A	5 Resilience in Infrastructure	B	4 Green Infrastructure Improvements in Toledo's Delaware Creek Corridor	C	5 Good Streams Make Good Neighbors: Enhancing Projects Through Property Acquisitions	D	6 Effective maintenance practices for restoring permeable pavement infiltration rate	E	6 Effective Stormwater Program Management: Transitioning from Reactive to Proactive	
		Joshua D. Herchl, Advanced Drainage Systems, Inc		Jordan Rofkar, Hull & Associates, Inc.		Kristen Buccier, NEORS		Ryan Winston, Ohio State University		John Lyons, Strand Associates, Inc.	
				Shawna Towns, City of Toledo Division of Environmental Services		Dave Ritter, NEORS					
	A	6 Underground Storage and Pretreatment: Design Methods in Ohio	B	5 Integration of Artful Stormwater Management at Kingwood Center Gardens	C	6 Dam Removals and Urban River Restoration in Flint, Michigan			E	7 Using Power BI to Track Cleveland WPC Levels of Service	
		Michael J. Cook, Advanced Drainage Systems, Inc.		Rob Thompson, Terra Design Studios		Jason Kenyon, Wade Trim, Inc.				Michael McGlinchy, GPD Group, Inc.	
				Mark Rufener, K.E. McCartney & Associates, Inc.						Corinne Sackett, Hazen and Sawyer	
										Cecilia Mazzei, Cleveland Div. of Water Pollution Control	
9:30-9:45 (Break - vendor showcases)											
9:45-10:45	A	7 Green Stormwater Infrastructure Opportunities at Marinas	B	6 Delivering Assets And Strengthening Communities: CBP3 for Green Infrastructure	C	7 Rocky River Stormwater Masterplan – A Baldwin Creek Case Study	D	7 Stormwater Master Plan Support Through GIS Services	E	8 Adaptive Stormwater Controls for CSO Reduction and Flood Risk Mitigation	
		Jay Dorsey, Ohio State University		Laura Adams, Black & Veatch		Jennifer Zajic, Stantec		Kenny Krise, R2O Consulting		Dayton Marchese, OptIRTC, Inc.	
						Michael Blair, NEORS		Joe Pavlick, R2O Consulting			
	A	8 Advancing Stormwater Management at Marinas in the Great Lakes	B	7 Enhancing an Aging Residential Neighborhood through Green Infrastructure Techniques	C	8 Evaluating Flood Solutions in an Urban Setting with Complex Geology	D	8 Urban Land Use Impacts on Stormwater Runoff	E	9 How Stormwater Quality Reduces Flooding Dover Ditch Restoration Project	
		Scott Hardy, Ohio Sea Grant		Craig Cawrse, CT Consultants		Jessie Fears, Geosyntec Consultants		Ian Simpson, Ohio State University		Robert Kelly, City of Westlake	
		Sarah Orlando, Ohio Sea Grant		William A. Tomko, Village of Chagrin Falls				Ryan Winston, Ohio State University		James Smolik, City of Westlake	
10:45-11:00 (Break - vendor showcases)											
11:00-12:00	A	9 Squires Avenue and City Hall - A Case Study	B	8 Permeable Pavement in Northern Ohio: Hydrologic and Water Quality Performance	C	9 Stormwater Management Planning in a Regional Parks System	D	9 Industrial Stormwater Permit Compliance for Consultants and Engineers	E	10 Suspended Pavement Systems to reduce CSO overflows in Spokane, WA	
		Todd Weik, CBC Engineers and Associates		Andrew Tirpak, Ohio State University		Kayla McRobb, OHM Advisors		Ted Lathrop, StormwaterRx, LLC		Albert Key, DeepRoot Green Infrastructure, Inc.	
12:00-12:15 (Break - vendor showcases)											
12:15-1:15	A	10 Biofiltration: Design Considerations for Performance and Longevity	B	10 Stormwater Green Infrastructure, v.2.0 – An Ecosystem Approach	C	11 The Value of Design-Build in Ecological Restoration			E	12 Reducing Yellow Creek Erosion with Stormwater Management and Stream Restoration	
		Chris Allen, Contech Engineered Solutions		Scott Dierks, GEI Consultants, Inc.		Kevin Grieser, Biohabitats		D	11 Skimmer Sediment Basin Design – Advanced Modeling Workshop		Bob Hawley, Sustainable Streams, LLC
		Dana Hinaman, Contech Engineered Solutions				Steve Fabian, Meadville Land Service		D	12 The Shape of Water Storage - The Importance of Geometry		Dave Koontz, Summit County Engineer's Office
								Greg Williams, StormTrap			
1:15-1:30 (Break - vendor showcases)											
1:30-2:30	A	11 BMP Stormwater Management on Private Property	B	11 Ohio EPA Roundtable	C	12 Think Outside the Gabion Box: Holistic Solutions Offer Long-Term Value			E	13 Retrofitting Storm Sewers to Reduce the Frequency of Stream Disturbances.	
		Joseph R. Reitz, City of Avon Lake		TBD		Mike Blair, NEORS				Adam Lehmann, Hamilton County Soil and Water District	
						Dave Gleason, Stantec				Anne Mikelonis, US EPA	
						C	13 Reconnecting Streams with their Floodplains in the Chagrin River Watershed		E	14 Using modified BMPs to address nuisance drainage problems in Toledo	
						Kristen Hebebrand, CRWP				Andy Stepnick, City of Toledo	
Friday											
	A		B		B		B		B		
		Transportation		Green Infrastructure		PIPE		Research & Modeling		Legal	
8:30-9:30	A	12 Reconstructing I-95 - Green Infrastructure Paves the Way	B	12 Innovative Public Outreach Strategies for Integrated Planning	C	14 The One Water Campaign for Southeast Michigan	D	13 An Archimedean Approach to Time of Concentration Calculations for Hydrology	E	15 Ohio Water Law 101	
		Christian Lynn, AECOM		Kari Mackenbach, ms consultants		Trevor Layton, SEMCOG		Ken Kagy, City of Milton		Louis L. McMahon, McMahon DeGulis LLP	
				Monica Backs, ms consultants							
				B	13 Multi-Community Collaboration to Reduce Wet Weather Flows through Green Infrastructure				E	16 Funding Stormwater Management Projects	
				Nancy Russell, OHM Advisors						Erin McDevitt-Frantz, McMahon DeGulis LLP	
				Valerie Novaes, OHM Advisors							
9:30-9:45 (Break - vendor showcases)											
9:45-10:45	A	13 Unique Solutions Post Construction BMPs for Transportation Projects	B	14 What if there are no special plants for a rain garden?	C	15 Thirty Years of the Student Watershed Watch Program	D	14 Analysis of Rainfall on Nutrient Levels in Euclid Creek Watershed	E	17 Hot Topics in Stormwater Law and Litigation	
		Chad Boyer, ms consultants, inc.		James Funai, Cuyahoga Community College		Sara Guiher, Toledo Metropolitan Area Council of Governments		MaryAnne Hejna, University of Akron		Christina Wieg, Frost Brown Todd LLC	
	A	14 Southeast Michigan Flooding Study: Assessing Risk & Building Resilience	B	15 Designing Green Infrastructure with O&M in Mind	C	16 Start with Schools: Stream Restoration & STEM: A Perfect Match	D	15 Assessment of Bioretention Performance for Hydrology and Hydrocarbons			
		Rachael Barlock, SEMCOG		Carmen Franks, Brown & Caldwell		Elizabeth Hiser, Cuyahoga SWCD		Abigail Tamkin, Ohio State University			
				Tiffany Ashforth, Brown & Caldwell		Kevin Grieser, Biohabitats					
				Mark Hornyak, NEORS							
10:45-11:00 (Break - vendor showcases)											
11:00-12:00	A	15 Permitting 101: The Difference Between Linear and Sitework Post BMP's	B	16 The Next Green Wave	C	17 Ohio Comparative Stormwater Rate Study	D	16 Mid-Breton Sediment Diversion	E	18 Lakewood's Integrated Plan: Stormwater Modeling Creates Legal Protection	
		Michelle Johnson, Environmental Design Group		Katherine Holmok, EDG		Jeff Rowe, Baker Tilly		Scott Peyton, Stantec		Louis L. McMahon, McMahon DeGulis LLP	
				Ryan Bentley, EDG				D	17 Integrated Storm and Sanitary Sewer Analysis: Basement Backup Success		Mark Delisio, CT Consultants
								Joe Pavlick, R2O Consulting			
12:00-12:15 (Break - vendor showcases)											
12:15-1:15	A	16 Coastal Nonpoint Strategy Development in Ohio	B	17 Ecologically Sustainable Solution to Urban Flooding	C	18 Ohio Environmental Education Fund Water Quality Education Projects	D	18 West Creek - 2D or not 2D	E	19 On Golden Pond? Risk of Liability: Ponds, Dams, and Flooding	
		Steve Holland, Ohio Coastal Management Program		Chip Wendt, Coldwater Consulting , LLC		Ryan Bourgart, Ohio EPA		Jesse Rufener, GPD Group		Christina Wieg, Frost Brown Todd LLC	
		Josh Myers, Chagrin River Watershed Partners		Don Romancak, Lorain County Community Development Dept.				Ivan Valentic, GPD Group		Stephen P. Samuels, Frost Brown Todd LLC	
	A	17 Turnkey Water Quality Solutions	B	18 Watershed-Scale Restoration; Upper Ohio and Tuscarawas Stream Restoration	C	19 Reinforcing the Triple Bottom Line: People-Planet-Profits	D	19 Grassy Creek Stormwater Master Plan Tackles Neighborhood Flooding			
		Michael Sachs		Conner Smith, Hull & Associates, Inc.		Julie Morelli, POWER Engineers		Kathleen Smith, Hazen and Sawyer			
								Lauren Rush, City of Perrysburg			