

Maryland Association of Floodplain and Stormwater Managers 12th Annual Conference



Thursday, October 20, 2016
The Conference Center at the Maritime Institute

Schedule of events

	AUDITORIUM	ROOM A300	BRIDGE ROOM	CLASSROOM 1 (lower level)
7:30–8:30	REGISTRATION			
8:30–9:30	CONFERENCE KICKOFF Necolle Maccherone, CFM / MAFSM Chair <i>Michael Baker International</i>			
	KEYNOTE SPEECH Building Resilience: Economic and Environmental Benefits of Historic Preservation Lisa Craig – <i>City of Annapolis</i>			
9:30–10:00	EXHIBIT HALL OPEN			
10:00–10:30	Weather It Together: A Community-Based Approach to Sea Level Rise Adaption Planning Lisa Craig – <i>City of Annapolis</i>	Using Flood History, Surveys, and Frequency Studies to Determine Flood Risk Jason C. Elliott – <i>National Weather Service</i>	Outcomes of Streamlining Implementation of Green Stormwater Infrastructure Projects in the Chesapeake Bay Watershed Local Government Forum Mary Gattis, AICP – <i>Alliance for the Chesapeake Bay</i>	Levee Risks and Mitigation Plans Shubha Shrivastava, AICP, CFM – <i>AECOM</i> Kim Dunn, D.WRE, PE, CFM – <i>Dewberry</i>
10:30–11:00	MD Resiliency Partnership Showcase: Beyond the Plan: Refining Our Strategies and Resources to Assess, Plan, and Mitigate Flood Risk in Maryland. This will be a panel presentation and Q&A with key staff from multiple organizations, including: <ul style="list-style-type: none"> – MD Dept of the Environment – MD Emergency Mgmt Agency – MD Environmental Service – MD State Highway Administration 	Floodway Modeling Methods for Unsteady and Two-Dimensional Models Laura Chap, PE, CFM – <i>Atkins</i>	Gray Combined with Green: Retrofit of Existing Bioretention Facility with High Flow Bioretention Technology, Stormwater Mgmt Facility Case Study, Anne Arundel County, MD Matt Griffin, PE – <i>Contech Engineered Solutions</i>	Innovative Two-Dimensional Modeling for Stormwater Flood Mitigation Maged Aboelata, Ph.D, PE, CFM – <i>AECOM</i> Brian Rahal, PE, CFM – <i>City of Alexandria</i>
11:00–11:30	<ul style="list-style-type: none"> – <i>Smith Planning & Design</i> – <i>AMEC Foster Wheeler</i> 	Comparison of One-Dimensional and Two-Dimensional Analyses in Lateral Flow Areas – A Case Study in Thurston County, WA using HEC-RAS 5.0 Bryan Close, PE, CFM – <i>Stantec</i>	Using Green Infrastructure in Your Stormwater Master Plans Melissa Bernardo Hess, PE, CFM – <i>AECOM</i> Manasa Damera, PE, CFM – <i>AECOM</i>	Are We More Resilient? Ten Years of Reconstruction in Mississippi after Hurricane Katrina Jae Park, PhD, CFM and Lynn Mayo, PE, CFM – <i>AECOM</i>
11:30–12:00		Determining Accurate Elevations: datums and tools, today and tomorrow Christine Gallagher – <i>National Geodetic Survey</i>	Utilizing LID within the County Right of Way to Satisfy MS4 Requirements Kimi Schmidt, PE – <i>McCormick Taylor</i>	This Project is for The Birds – The Largest Wildlife Refuge Restoration Project in Eastern U.S. Sravan Krovidi, PE, CFM – <i>AMEC Foster Wheeler</i>
12:00–1:00	LUNCH in the private dining room behind the dining hall and includes the following brief presentations: MAFSM BUSINESS MEETING ASFPM/ASFPM FOUNDATION MEETING			
1:15–1:30	Finish Lunch and Return to Conference Area			



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1:30–2:00	Maryland’s Statewide Coastal Resiliency Assessment Michelle Canick – <i>The Nature Conservancy</i> Nicole Carlozo – <i>MD Dept of Natural Resources</i>	Fairfax County Rainfall Data – Preliminary Rainfall Analysis Camylyn Lewis, PE, CFM and Yosif Ibrahim, PhD, PE – <i>Fairfax County</i>	CleanScapes Communities: Howard County Pilot Residential Stormwater BMP Program Rachel Beebe – <i>Howard County</i>	Communicating Risk to Diverse Audiences: Engaging and Educating Stakeholders in Risk Reduction and Resilience Mari Radford, CFM – <i>FEMA Region III</i> Sarah Bowen, AICP/PP, CFM – <i>Michael Baker International</i>
2:00–2:30	Identifying Stream Reaches Most Susceptible to Climate-Exacerbated Debris Load Seth Lawler and Matt Mampara, PE – <i>Dewberry</i>	Recent Activities of the Maryland Hydrology Panel Kaye Brubaker, PhD – <i>University of Maryland</i> Wilbert O. Thomas, Jr. – <i>Michael Baker International</i>	Every Drop Counts: The Howard County Watershed Stewards Academy’s Work with Public Stakeholders Terry Matthews – <i>Howard County Watershed Stewards Academy</i>	Flood Water Cleanup And Restoration: An Ellicott City Case Study Brian Mccabe and Trish Turner – <i>Servpro</i>
2:30–2:45	BREAK / EXHIBIT HALL OPEN			
2:45–3:15	Coastal Resiliency in Kent County Amy G. Moredock, CFM – <i>Kent County</i> Brian Ambrette – <i>Eastern Shore Land Conservancy</i>	Navigating Natural Resources Permitting: Upper Marlboro Flood Protection System Case Study Adam Tatone – <i>McCormick Taylor</i>	Introduction to the Community Rating System Program Amanda Gowans, CFM – <i>ISO</i>	Restoration Research Award Program Sadie Drescher – <i>Chesapeake Bay Trust</i> Scott Stranko – <i>MD Dept of Natural Resources</i>
3:15–3:45	Toward Climate Resilience: A Framework and Principles for Science-Based Adaptation and Sea level Rise Case Study at the US Naval Academy Shana Udvardy, CFM – <i>The Union of Concerned Scientists</i>	Potomac and Anacostia Rivers Flood Inundation Mapping Tool Stacey M. Underwood, PE – <i>U.S. Army Corps of Engineers</i> Jason C. Elliott – <i>National Weather Service</i>	Exercise It! The Basics of Exercise Design Jeff Roth, CFM, PMP, FEMA PCP, CBCP – <i>Booz Allen Hamilton</i>	FEMA Funding for Disaster Recovery – Understanding the Basics of Public Assistance Jennifer McGee, PE, CFM, GISP – <i>AMEC Foster Wheeler</i>
3:45 -4:00	BREAK / EXHIBIT HALL OPEN			
4:00–4:30	Emerging Role of Big Data for Understanding and Mitigating Climate Change Risks Namrata Batra, PhD, PE, CFM – <i>Atkins</i>	Cost Effective Flash Flood and Flood Warning using Existing Floodplain Models Seth Lawler and Dinakar Nimmala – <i>Dewberry</i>	Monitoring Coastal Storm Impacts Using the Surge, Wave, and Tide Hydrodynamics (SWaTH) Network Chris Nealen – <i>U.S. Geological Survey</i>	3-D Floodplain Simulator Model Train-the-Trainer: A Hands-On Workshop for Education and Outreach Paul Slonac – <i>Michael Baker International</i> Ben Kaiser – <i>AECOM</i>
4:30–5:00	Climate Change Resilience and Stormwater Management: A Social-Ecological Approach to Green Infrastructure Mitchell A. Pavao-Zuckerman, PhD and Emma Giese – <i>University of Maryland, College Park</i>	Floodplain Design, Construction, and Impacts on Flood Insurance Kurt Luecke – <i>Smartvent</i>	West Baltimore MARC: Integrating Drainage Design and Public Outreach in an Urban Environment Wesley Mitchell, PE and Chris Brooks – <i>McCormick Taylor</i>	
5:00	ATTENDANCE PRIZE awarded	ATTENDANCE PRIZE awarded	ATTENDANCE PRIZE awarded	ATTENDANCE PRIZE awarded
5:00–6:00	NETWORKING SOCIAL EVENT in the Memorabilia Room adjacent to the Registration Area Please join us for complimentary appetizers and refreshments!			



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