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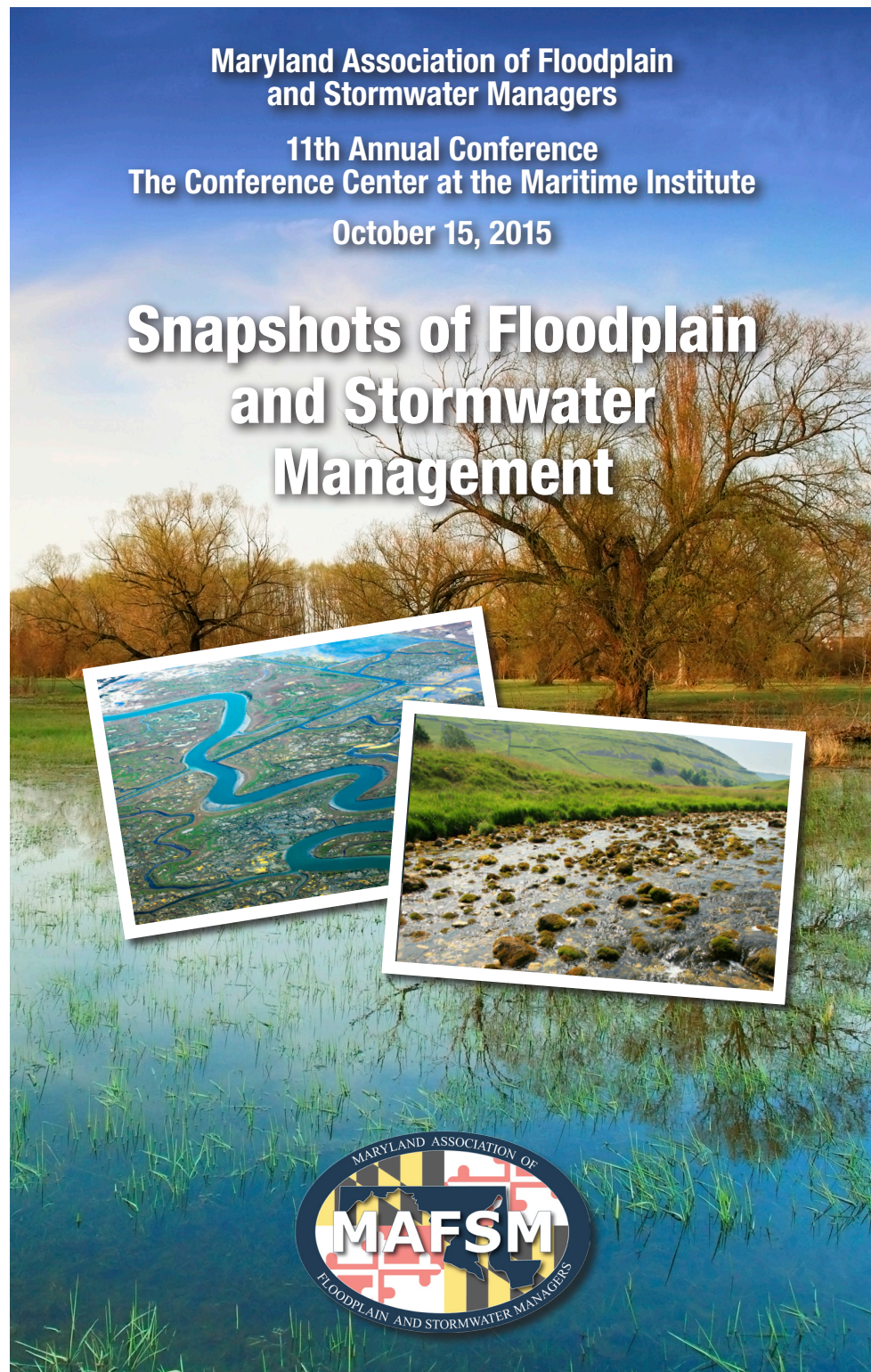
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Maryland Association of Floodplain
and Stormwater Managers

11th Annual Conference
The Conference Center at the Maritime Institute
October 15, 2015

Snapshots of Floodplain and Stormwater Management



CONFERENCE AGENDA

Time	Auditorium	A300	Bridge Room
7:30–8:30	REGISTRATION		
8:30–9:50	Conference Kickoff Necolle Maccherone, CFM / MAFSM Chair STANTEC Keynote Speaker Sandra Knight, PhD, PE, D.WRE, D.NE UNIVERSITY OF MARYLAND Dave Guignet, State NFIP Coordinator MARYLAND DEPARTMENT OF THE ENVIRONMENT Hal Van Aller, SEDIMENT, STORMWATER AND DAM SAFETY, MARYLAND DEPARTMENT OF THE ENVIRONMENT		
9:50–10:00	BREAK		
10:00–11:00	Utilizing Floodplain Management to Enhance Resiliency in Baltimore City Kristin Baja, CFM and Zane Hadzick, CFM CITY OF BALTIMORE OFFICE OF SUSTAINABILITY Chesapeake Bay Trust Grant Opportunities: Stormwater, Watersheds, and Floodplain Management Tom Leigh and Sadie Drescher CHESAPEAKE BAY TRUST	CleanScapes: Howard County Residential Stormwater BMP Financial Incentive Program Rachel Beebe HOWARD COUNTY MD OFFICE OF COMMUNITY SUSTAINABILITY Gray Within Green: Incorporation of both Green Infrastructure and Gray Technology in a Single Combined Stormwater Management Facility Case Study, Washington County, MD Matt Griffin, PE CONTECH ENGINEERED SOLUTIONS	Resiliency From Many Perspectives: Efforts Helping to Bridge Floodplain Language Barriers Kate Skaggs MARYLAND DEPARTMENT OF NATURAL RESOURCES FEMA Sea Level Rise Pilot Study Charlene Johnston, PE, CFM AECOM
11:00–12:00	Anacostia Flood Risk Reduction Levee Rehabilitation Case Study Maureen Cissel, CFM MCCORMICK TAYLOR Historic Structures and Flood Mitigation: Existing State Agency Efforts and What Locals Can do to Help Jennifer Sparenberg, CFM MARYLAND DEPARTMENT OF PLANNING Kevin Wagner, CFM MARYLAND DEPARTMENT OF THE ENVIRONMENT	Building and Funding a Stormwater Program to Meet Future Needs – Gaithersburg, MD David Bulova AMEC FOSTER WHEELER Meredith Strider CITY OF GAITHERSBURG Maintenance – An Important Part of Harford County's Stormwater Master Plan Melissa Hess, PE, CFM AECOM Christine Buckley HARFORD COUNTY, MD	Applying Technology to Streamline the FEMA Flood Map Appeals Process: A Case Study Samara Ebinger, CFM DEWBERRY FEMA's Map Service Center (MSC) and National Flood Hazard Layer (NFHL) – New Enhancements and the Next Steps Towards Improving Data Access and Usability Daniel Horner, CFM IBM AS FEMA'S CUSTOMER AND DATA SERVICES PROVIDER

Time	Auditorium	A300	Bridge Room
12:00–1:30 Dining Room	Lunch is in the private dining room at the back of the hall and includes the following: <ul style="list-style-type: none"> ASFPM Foundation Presentation MAFSM Business Meeting Featured Speaker: Lynsey R. Johnson, Esq., MPA, CFM, US Department of Housing and Urban Development, Office of Resilience: Disaster Resilience and the 203(k) Loan Program for Hazard Mitigation 		
1:30–1:45	BREAK – return to conference area		
1:45–3:15	MDE and MEMA Showcase: Panel Presentation with Key Staff from MDE, MEMA, MES, and Others: Beyond the Map: New Resources to Assess, Plan, and Mitigate Flood Risk in Maryland. Key Stakeholder Topics: <ul style="list-style-type: none"> Interagency Collaboration MD Flood Tool Demonstration Integration of Floodplain Management, Hazard Mitigation, and Coastal Resiliency Leveraging Flood Risk Data using Real-World Examples 	NPDES Stormwater Permitting Requirements- What 12-SW Means for Industrial Facilities in Maryland Mary Roman, PE, CFM and Manasa Damera, PE, CFM AECOM Using a Systematic Approach to Improve Water Quality Management Effectiveness and Efficiency Virginia Dadds, MES, PE, CFM MARYLAND ENVIRONMENTAL SERVICE Staying on Top of Green Roofs Lynn Mayo, PE, CFM AECOM	Impact of Tide-Rainstorm Coincidence on Design Tailwater Elevations Mathini Sreetharan, PhD, PE DEWBERRY Using Preliminary 2D Hydrodynamic Models to Inform and Justify Complex 1D Models Jason Coleman, PE RUMMEL, KLEPPER & KAHL Structural Inundation Analysis of Non-Accredited Levees Laura Chap, PE, CFM ATKINS
3:15–3:30	BREAK		
3:30–5:00	Flood Risk Analysis using HEC-RAS 5.0 Beta for Two-Dimensional Models vs One Dimensional Approach Kevin Waters, PhD, and Sravan Krovidi, PE AMEC FOSTER WHEELER Real-Time Flood Forecasting: Opportunities and Challenges for Automating Flood Models Seth Lawler DEWBERRY AND GEORGE MASON UNIVERSITY Integrating HEC HMS Generated Flow Hydrographs with FLO-2D Nanda Meduri, PE, PMP, CFM DEWBERRY	BMP Assessment Tool: Helping Communities Reduce Water Pollution and Better Plan for the Future Garrett Skinner, CFM ATKINS Stream Restoration: Sediment Transport Modeling Meets Real World Events Troy Biggs, PE, PH, D.WRE AMEC FOSTER WHEELER Quantifying Impervious Surface Baseline Credit through the use of GIS: A Countywide Analysis of Rooftop and Non-Rooftop Disconnection within Howard County, MD Joe Knieriem and Dawn Blanchard MCCORMICK TAYLOR	Forecasted Rainfall and Detailed Modeling Approach to Determine Flood Elevations in Laurel, MD Maged Aboelata, PhD, PE, CFM AECOM Managing Climate-Related Disasters: Achieving Resiliency through Exercises Jeff Roth, CFM, PMP, FEMA PCP, CBCP BOOZ ALLEN HAMILTON Specifying Foundation Flood Vents for Building Sustainability, Durability and Performance Owen Gechter, CFM SMART VENT
5:00	Attendance prize awarded		
5:00–6:00	Networking Social Event! Please join us for complimentary appetizers and refreshments in the Memorabilia Room adjacent to the Registration Area.		