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Maryland Association of Floodplain  
and Stormwater Managers

**2010**

**SIXTH ANNUAL CONFERENCE**

October 20–22, 2010

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*The Conference Center at the Maritime Institute  
Linthicum Heights, Maryland*



# Conference Agenda

7:45 a.m. Doors Open, Exhibit Setup, and Registration

8:30 a.m. Opening Remarks – *Mary Roman, PE, Chair MAFSM*  
 Keynote Speaker – *Sonal Sanghavi, PE, Maryland State Highway Administration:*  
**SHA's Perspective – Gearing Up for Emerging Regulations**  
 Floodplain Maps Program Overview – *David Guignet, MDE*

10:00–10:15 a.m. Break, Exhibits Open


Auditorium: Stormwater and Hydrology	Bridge Room: FEMA Products	A300: FEMA Mapping
<p><b>10:15–11:15 a.m.</b></p> <p><b>The Chesapeake Bay TMDL, A Driver for New Stormwater Strategies</b></p> <p><i>Jane McDonough (AECOM)</i></p>	<p><b>10:15–11:15 a.m.</b></p> <p><b>The New Maryland Model Floodplain Management Ordinance</b></p> <p><i>Kevin Wagner (Maryland Department of the Environment)</i></p>	<p><b>10:15–11:15 a.m.</b></p> <p><b>Urban Floodplain Modeling- Application of Two-Dimensional Analyses to Refine Results</b></p> <p><i>Mathini Sreetharan (Dewberry LLC)</i></p>
<p><b>Managing Risk Beyond the Floodplain: Using Stormwater Master Planning and Existing Problem Areas to Reduce Adverse Impacts from New Development</b></p> <p><i>Brad Newlin (Herbert, Rowland &amp; Grubic, Inc.)</i></p>		<p><b>Rectifying Approximate Study Hydraulic Models</b></p> <p><i>Laura Rightler (PBS&amp;J)</i></p>
<p><b>11:15–12:15 p.m.</b></p> <p><b>Regenerative Stormwater Conveyance (RSC) as an Integrated Approach to Sustainable Stormwater Planning</b></p> <p><i>Joe Berg (Biohabitats, Inc.)</i></p>	<p><b>11:15–12:15 p.m.</b></p> <p><b>Overview of FEMA's Digital Flood Mapping Products and Tools</b></p> <p><i>Howard Davis (Zimmerman Associates, Inc.)</i></p>	<p><b>11:15–12:15 p.m.</b></p> <p><b>Modeling Floodplains in the Vicinity of Multiple Bridge Crossings using HEC-RAS</b></p> <p><i>Tim Brown (Dewberry LLC)</i></p>
<p><b>Climate Change and Flood Risks: Understanding the Uncertainty Range of Hydrologic Response</b></p> <p><i>Namrata Batra (URS Corporation)</i></p>	<p><b>FEMA's Risk Map Program – Enhanced Process, New Products</b></p> <p><i>Jeffrey Smith (Accenture)</i></p>	<p><b>Hydraulics of Riverine and Coastal Flooding at MD Rt 4 over the Patuxent River</b></p> <p><i>Mark Osler (Michael Baker Jr., Inc.)</i></p>

12:15 p.m. Lunch and MAFSM Business Meeting and Announcement of New Officers led by *Mary Roman*  
 ASFP Foundation and ASFP Region III Overview featuring *Jeff Sparrow*

1:15–1:30 p.m. Exhibits Open

Auditorium: Mitigation	Bridge Room: Floodplain Manager Roles and Responsibilities	A300: Maryland Updates
<p><b>1:30 p.m.–3:00 p.m.</b></p> <p><b>Flood Mitigation Solutions in an Ultra Urban Area- Potomac River Waterfront Flood Mitigation Study, City of Alexandria, VA</b></p> <p><i>Conor Lewellyn (URS Corporation)</i></p>	<p><b>1:30 p.m.–3:00 p.m.</b></p> <p><b>Local Floodplain Manager** Roles and Responsibilities</b></p> <p><i>Henry Chau (FEMA Region III) &amp; Kevin Wagner (Maryland Department of the Environment)</i></p>	<p><b>1:30 p.m.–3:00 p.m.</b></p> <p><b>Updated Regional Regression Equations for Estimating Peak Discharges for Maryland Streams</b></p> <p><i>Will Thomas (Michael Baker, Jr. Inc.)</i></p>
<p><b>Mitigation Plan Update: An Opportunity to Mitigation Repetitive Loss Properties, Union County, PA</b></p> <p><i>Jen Sparenberg (URS Corporation)</i></p>	<p><b>**CLASS SIZE IS LIMITED. PRE-REGISTRATION AT CHECK-IN IS RECOMMENDED</b></p>	<p><b>FEMA Region III Coastal Hazard Analyses And DFIRMS Update</b></p> <p><i>Robin Danforth (FEMA)</i></p>
<p><b>Hazard Mitigation Funding Now Available - Put it to Work to Reduce the Flood Risk in Your Community</b></p> <p><i>J. Carver Struve (State of MD, Maryland Emergency Management Agency)</i></p>		<p><b>Expanding Utility of DFIRM Updates</b></p> <p><i>Matt Breen (AMEC Earth and Environmental, Inc.)</i></p>

3:00–3:15 p.m. Break, Exhibits Open

Auditorium: GIS and Mapping	Bridge Room: Floodplain Manager Roles and Responsibilities	A300: FEMA and Communities
<p><b>3:15–4:45 p.m.</b></p> <p><b>Floodplain Mapping &amp; LiDAR: Can There be Too Much Data?</b></p> <p><i>Virginia Dadds (Greenhome &amp; O'Mara, Inc.)</i></p>	<p><b>3:15–4:45 p.m.</b></p> <p><i>(Continued)</i></p> <p><b>Local Floodplain Manager Roles and Responsibilities</b></p> <p><i>Henry Chau (FEMA Region III) &amp; Kevin Wagner (Maryland Department of the Environment)</i></p>	<p><b>3:15–4:15 p.m.</b></p> <p><b>Advantages and Challenges of Utilizing Digital FIRMS</b></p> <p><i>Jennifer Ballard (St. Mary's County Department of Land Use and Growth Management)</i></p>
<p><b>Overcoming Depth Grid Creation Challenges Through the Use of Depth TIN</b></p> <p><i>Jay Sadhu (Dewberry LLC.)</i></p>		<p><b>Challenging a Flood Insurance Study - Appeals of Proposed Base Flood Elevations</b></p> <p><i>Jennifer Anticknap (PBS&amp;J)</i></p>
<p><b>Improved visualization of Contours/Bands as Symbolology using ESRI Terrain for Flood Mapping and Engineering Analysis</b></p> <p><i>Divaker Sharma (Dewberry LLC)</i></p>		

4:45–5:45 p.m. Exhibits Open, Networking Social