

## MAFSM 4th Annual Conference

**From the Mountains to the Coast – Floodplain and Stormwater Management in Maryland**

**Register Now!**

**Linthicum Heights, MD • Conference Center at the Maritime Institute • October 22-23, 2008**

The Maryland Association of Floodplain and Stormwater Managers (MAFSM) will hold its **Fourth Annual Conference October 22-23, 2008**. The theme for this year's conference is **From the Mountains to the Coast – Floodplain and Stormwater Management in Maryland**.



A seven-hour Certified Floodplain Managers (CFM<sup>®</sup>) refresher training held at the Michael Baker office in Linthicum, MD and a half-day field trip of Low Impact Development sites in Prince George's County will occur on October 22<sup>nd</sup>. A day of lectures, exhibits, and special speakers will follow on the 23<sup>rd</sup> at the Conference Center at the Maritime Institute in Linthicum Heights, MD. Details on the events of the 22<sup>nd</sup> can be found later in this newsletter in the *Low Impact Development Site Tours in Prince George's County* and *Certified Floodplain Manager Training Offering* articles.

Conference attendees are encouraged to arrive early on October 23<sup>rd</sup> for refreshments and pre-conference exhibit viewing.

The conference will be kicked off by keynote speaker, Arthur C. Miller, Ph.D., P.E., P.L.S. Dr. Miller has taught courses in Hydrologic and Hydraulic Engineering to university undergraduate and graduate students at the Pennsylvania State University as well as throughout the country on topics ranging from fundamental hydraulics, open channel flow, to hydrologic processes. A fellow with the American Society of Civil Engineers, and a member of numerous professional organizations, Dr. Miller has received awards from, or been invited to serve on distinguished technical committees organized by the U.S. Army Corps of Engineers, the Transportation Research Board, the Association of State Dam Safety Officials, and state agencies in Pennsylvania and Maryland. He is currently participating in the Interagency Performance Evaluation Task Force (IPET) that was assembled in November 2005 after Hurricanes Katrina and Rita to review and evaluate the levee protection projects in New Orleans and southeastern Louisiana. We are privileged to have him open our conference.

The conference will continue with breakout sessions in two tracks, stormwater and floodplain and include the following presentations:

**Integrated Stream, Wetland, Riparian, Floodplain and Groundwater Restoration on the Magness Farm: A Model of Regenerative Restoration**

Joe Berg, Chris Streb, Doug Streaker, Sarah Roberts, Biohabitats, and Barbara Allera-Bohlen, Maryland State Highway Administration

**Prince George's County, MD Levee Response and Remediation Plan**

Hilary Stephens, ElHadji Fall, Greenhorne & O'Mara, Inc. and Maureen Wilson, Prince George's County

**It's Never the Same Watershed Twice: Using the Appropriate Tools for Differing Hydrologic Scenarios**

Brad Newlin, P.E., CFM and Ray Yost, CFM, HSMM AECOM

**Pinecliff Park Stream Restoration**

Alex Haptemariam, P.E., CFM, Greenhorne & O'Mara, Inc.

**Regenerative Stormwater Conveyance as a Stormwater Best Management Practice: The Example of the Preserve at Severn Run**

Keith Underwood and Erik Michelsen, Underwood & Associates, Joe Berg, Biohabitats, and Liam O'Meara, Reliable Contracting

**RainScapes Techniques Manual for Montgomery County**

Melissa Bernardo Hess, Erin Morsheimer and Pamela Rowe URS Corporation

**GeoTerrain: Leveraging Terrains in Hydraulic Analyses**

Srikanth Koka, Dewberry

**The Basics of Stormwater Utilities**

Christine Worley, URS Corporation

**eLOMA – A Faster Way to get LOMA Determinations**

David Mummert, CFM, Michael Baker Jr., Inc.

**Levees in the NFIP**

David Preusch, P.E., D., WRE, Michael Baker Jr., Inc.

**New Advances in Bay-wide Management of Stormwater Runoff**

Tom Schueler, Chesapeake Stormwater Network

**The Evaluation of Watershed Management Scenarios and the Development of Prioritization Schemes to Restore and Protect Streams and Watersheds**

Mary L. Searing, P.E., D., WRE, Greenhorne & O'Mara, Inc.

**Mid-term Levee Inventory Status for Maryland Counties**

Paul Slonac, CFM and Steve Eberbach, CFM, Michael Baker Jr., Inc.

**GISHYDRO Developing Discharges and Watershed Parameters – A Case Study With Baltimore City Watersheds**

Mathini Sreetharan and Kim Dunn, Dewberry

**MDE Field Data Collection Tool in Relation to Limited Detailed Modeling, and Maryland Floodplain Mapping Update**

Dave Guignet, P.E., CFM, Maryland Department of the Environment and Andy Wohlsperger, CFM, HSMM AECOM

**Meeting FEMA's Floodplain Boundary Standard: Quick Generation of Risk Class Maps and Automated Methods for Conducting Floodplain Boundary Standard Audits**

Laura Chap, P.E., CFM, PBS&J

Breakout sessions will be punctuated by exhibit viewing, a business meeting, election results, and addresses from Jeffrey Sparrow, the Association of State Floodplain Managers' (ASFPMs') Region 3 Director and Vince DiCamillo, an ASFPM Foundation Representative. Ken Pensyl, of the Maryland Department of the Environment will provide our closing remarks and we will finish the conference with a final look at the exhibitors and networking.

Continuing Education Credits (CECs) through ASFPM have been awarded for this event. The CFM training is worth six core CECs; the LID

field tour is worth three core credits; and the full day conference is worth six core CECs.

**NEW THIS YEAR – MAFSM has become a Certified Maintenance Provider through the American Planning Association. AICPs will earn credits towards maintaining their certification by attending the conference. Number of credits is pending.**



*The campus of the Conference Center at the Maritime Institute, location of MAFSM's 4<sup>th</sup> Annual Conference*

This year's event will include exhibitor's booths, dual-track lectures and more time scheduled for networking. Lecture topics were selected based on abstract submittals.

This conference is an ideal, low-cost opportunity for floodplain managers and stormwater professionals to obtain industry information from fellow colleagues. This year's conference promises to be first-rate.

**Register to attend today!** Visit our website at [www.MAFSM.org](http://www.MAFSM.org) for more details and to complete the registration form. For questions about the meeting and conference events, please contact Mike Gilliam at [MGILLIAM@G-and-O.com](mailto:MGILLIAM@G-and-O.com).

### **Low Impact Development site tours in Prince George's County**

As part of MAFSM's Fourth Annual Conference a field tour has been scheduled for October 22, 2008.

MAFSM is proud to offer a tour of Prince George's County's Low Impact Development (LID) Project sites. Over the past decade Prince George's County has completed many projects that utilize LID technology and has found this technology to be effective in treating stormwater runoff from urbanized areas. Their LID projects range from Bioretention projects such as simple rain barrels to elaborate green highways. The tour offers conference attendees the opportunity to see LID in practice.

The sites that will be highlighted included the University of Maryland campus, Green Street, DER Office Building, and City of Greenbelt at

Beltway Plaza, Interchange of MD Route 201 and I-495, MD 202 corridor.

The field tour is free to MAFSM members attending the conference and \$30 for non-members. This includes transportation and a guided tour. The tour will begin at 8:45 am and ends at noon. Pre-registration is required; registration deadline for the training is October 1, 2008. You may register for the training by visiting MAFSM's website at [www.MAFSM.org](http://www.MAFSM.org) and completing the conference registration form.

### **Certified Floodplain Manager Training Offering**

Are you looking for training to prepare you for the Association of State Floodplain and Managers Certified Floodplain Manager (CFM<sup>®</sup>) exam? Are you a current CFM looking to earn Continuing Education Credits (CECs) to maintain your certification?

MAFSM is offering CFM training as a precursor to our **4th Annual Conference**. This training covers topics such as the National Flood Insurance Program (NFIP) regulations, community participation in the NFIP, reading and using Flood Insurance Rate Maps, insurance, mitigation, and other topics. It is an excellent supplement for those studying for the CFM exam. For those who are already CFMs, it is a great refresher course and its completion earns six core CECs.

The training will occur in Michael Baker, Jr.'s Linthicum, MD office at 1304 Concourse Drive, Suite 200 on October 22<sup>nd</sup> from 9 am – 4:00 pm. Lunch will be provided. The training is \$10 for MAFSM members and \$40 for non-members. The registration deadline for the training is October 1, 2008. You may register for the training by visiting MAFSM's website at [www.MAFSM.org](http://www.MAFSM.org) and completing the conference registration form.

A CFM exam will also be held at Michael Baker, Jr.'s Linthicum, MD, office at 1304 Concourse Drive, Suite 200 on Friday, October 24, 2008, from 9am - noon. To register for the exam please visit ASFPMs' website at <http://www.floods.org/pdf/certapp.pdf>. **Exam registration is completely separate from course registration, as the course is being provided through MAFSM and the exam is administered through ASFPM – please contact Mike Gilliam if you have any questions about either of these registration processes at [MGILLIAM@G-and-O.com](mailto:MGILLIAM@G-and-O.com).**

## Become a Conference Sponsor

Sponsors are an important part of our conference. Sponsorships help offset MAFSM's costs in exchange for your organization's promotion. To view the benefits you'll receive as a sponsor, visit our website at <http://www.mafsm.org>.

## Conference Exhibit Space Still Available

This year MAFSM's conference includes exhibits and scheduled time for viewing and networking. Booth space is limited, but still available. Please visit our website at <http://www.mafsm.org> for more information.

## MAFSM Volunteers for Committee and Conference Sought

We are looking for volunteers to serve on our committees and to serve as moderators at our upcoming Fourth Annual Conference. Committees include Program, Membership, Public Relations & Outreach, Mapping & Technology, Mitigation, and Stormwater. Please contact Mary Roman at [Mary\\_roman@urscorp.com](mailto:Mary_roman@urscorp.com) if you are interested in becoming a committee member. Please contact Mike Gilliam at [MGILLIAM@G-and-O.com](mailto:MGILLIAM@G-and-O.com) if you are interested in volunteering for the conference.

## Maintaining Your CFM

In order to maintain your Certified Floodplain Manager (CFM<sup>®</sup>) status, the Association of State Floodplain Managers (ASFPM) requires that you obtain 16 Continuing Education Credits over your two-year renewal period, and you cannot claim more than 12 credits in either one of those years.

Here are some ways you can get those credits and maintain your certification:

**Don't just join them, get involved!** If you present and/or attend ASFPM's or a companion organization's conference, like MAFSM's upcoming **Fourth Annual Conference**, you can obtain credits – sometimes enough for a whole year!

**ASFPM's Pre-Approved CEC list!** ASFPM has a list of courses that carry pre-approved credits on their website. Check it out at [www.floods.org/Certification/ceclist.asp](http://www.floods.org/Certification/ceclist.asp).

**Don't think that if a course is not pre-approved, you can't use it for credits!** Keep information about any course you take, even if it's

not on the pre-approved list! ASFPM will review it at the time of your renewal and assign credits if the course is applicable to floodplain management, mapping, H&H, GIS, or just about anything remotely related to floodplain or emergency management or mapping. Courses generally get one credit per hour, and a full day course is usually assigned six credits. This includes college courses and courses at FEMA's Emergency Management Institute (EMI), both online and in person. EMI offers online courses free of charge to U.S. citizens at [www.training.fema.gov](http://www.training.fema.gov). As long as an online course has an exam at the end (and you pass!), you can submit it for credit.

**Join a companion organization!** Being a member of a companion organization (like MAFSM, the American Society of Civil Engineers, the American Planning Association, and the International Association for Emergency Management) can also get you credit. Up to two credits (one for each organization) can be obtained over your two-year renewal period in this manner.

**Spread your knowledge!** Teaching a course can get you credits as well! Up to 12 credits can be obtained for teaching a full-day course. If you teach the same course on a regular basis, you can only claim it once in a 5-year period of time for your renewals.

## MAFSM Constitution Revised

The Board recently amended MAFSM's Constitution and Bylaws to reflect changes to the term of elected representatives and changes to the membership year.

In order to change the Constitution and Bylaws, specific notification and voting requirements must be met. Written notification regarding the proposed change in the membership year and the change from one-year to two-year terms for elected officials was sent to all MAFSM members in the publication of the February 2008 newsletter. Notification regarding the membership year was also included in the registration packets of conference attendees of MAFSM's 3<sup>rd</sup> Annual Conference. The proposed changes were for the membership year to mirror the calendar year – January 1 through December 31 and for elected terms to be extended from one to two-year terms.

The membership voted and a majority vote in favor of two-year elected terms resulted. The Board voted unanimously to change the membership year to mirror the calendar year for administrative purposes.

These changes became effective August 30, 2008. For a copy of the current and archived MAFSM Constitution and Bylaws, please visit <http://mafsmorg.ipower.com/about.htm>.

### **MAFSM and URS Hold NFIP Training for Members**

The Association with the support of URS offered a three-and-one-half hour workshop on July 14, 2008, at the URS Corporation Office in Gaithersburg, MD. The workshop was designed for people preparing to take the CFM exam. It was approved by ASFPM for continuing education credits for people with the CFM status.

Mary Shaw, PhD, CFM, Principal Planner with URS Corporation, developed and presented the workshop. Dr. Shaw was supported by the ASFPM in 2002 to conduct original research on floodplain management and worked in the office of the North Carolina NFIP Coordinator during 2003 and 2004.

The twelve participants were from the Commonwealth of Pennsylvania, Montgomery County and the cities of Frederick and Gaithersburg in Maryland, as well as from URS, HNTB, and Michael Baker, Jr. Corporations. The workshop began with a review of the history and principles of the NFIP and discussed the responsibilities of the local floodplain manager relative to new development and existing development. Different segments of the workshop focused on planning process utilized in developing digital flood maps, the importance of using Elevation Certificates, and on creating a FIRMette to facilitate floodplain management at the local level. The workshop presented recent research findings related to special flood hazard areas and information about higher standards and concluded with map reading exercises. Participants said that the presentation was "excellent," would be "really useful," and was helpful in "brushing up on the important aspects of the NFIP."

On behalf of MAFSM, we extend a sincere thank you to Dr. Shaw for conducting the training workshop. One of our organization's key goals is to provide educational opportunities to our membership. We appreciate her support in meeting that goal.

### **Jen Marcy Receives Award**

MAFSM founding member and former Vice-Chair and Secretary of MAFSM, Jen Marcy received the "John Ivey Award for Certification" from John Ivey at the ASFPM Annual Conference's Awards Luncheon in Reno, Nevada on May 22, 2008. Congratulations to Ms. Marcy on this notable accomplishment.

Ms. Marcy will be conducting the CFM training as part of our 4<sup>th</sup> Annual Conference on October 22<sup>nd</sup>.



*Jen Marcy receives award from ASFPM*

### **MAFSM Call for Nominations**

MAFSM will soon be holding elections to elect a new Board of Directors and Regional Representatives. We are currently seeking nominations for the following positions: Chair, Vice-Chair, Treasurer, and Secretary, as well as Representatives for the Eastern, Central and Western Region. All positions will serve a two-year term.

Nominees should be current members of MAFSM, be prepared to attend bimonthly meetings, and play an active role in the planning and implementation of MAFSM events. Please note, Regional Representatives must hold a position with a state or local government.

If you would like to nominate someone, please send their name and nominated position by September 19, 2008, to Necolle Maccherone at [Necolle.maccherone@mapmodteam.com](mailto:Necolle.maccherone@mapmodteam.com) or contact her at (410) 689-3460.

Elections will be held via email once the Nomination deadline has passed. Election results will be announced at our Annual Conference on October 23, 2008. For more information on the conference, please visit [www.mafsm.org](http://www.mafsm.org).

### **Ideas for Articles**

We welcome your input and ideas. If you would like to contribute to the newsletter, please contact Necolle Maccherone at [necolle.maccherone@mapmodteam.com](mailto:necolle.maccherone@mapmodteam.com).

## YOUR ASSOCIATION

### Board Members

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Vacant

#### **Central Region:**

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