



IAFSM

*Illinois Association for
Floodplain and Stormwater Management*

2012 Annual Conference

**Wednesday & Thursday
March 14 & 15, 2012**

**InterContinental Chicago O'Hare Hotel and Convention
Center
Rosemont, Illinois**

Questions: Sarah Harbaugh
IAFSM Executive Secretary
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or 630/443-8145
www.IllinoisFloods.org

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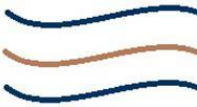


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LOCATION AND LODGING

Location: The conference will be held, at the InterContinental Chicago O'Hare Hotel and Conference Center, 5300 N. River Road, Rosemont, Illinois 60018.

Lodging: Lodging is available at the special conference rate of \$129 (\$20 less than approved State Government rate for Cook County). Space is limited, to reserve your room call (800) 341-7949 and note that your reservation is in association with the IAFSM Conference, or visit www.icohare.com and refer to code FSM. Reservations must be received on or before February 27, 2012. The hotel requires payment for the first night's stay at the time of reservation. There is a parking garage located at the hotel. You will receive a parking voucher that covers the cost of your parking.

REGISTRATION

Registration: Registration covers conference attendance, lunches, breaks, materials, parking and your 2012-2013 IAFSM membership. **Discounted price if you register by February 15, 2012 (\$300).** If you register after February 15th the cost for the conference is \$350. The deadline for registrations and cancellations is March 1, 2012. No refunds after March 1, 2012. *In past years we had to turn away late registrants. Register early to make sure you don't miss out.* Please follow the link below to register and pay for your registration.

<https://www.123signup.com/register?id=cmcyj>

Technical Field Tours are an added feature in the afternoons at this year's conference. See conference schedule for tour options. Tours are free as part of your conference registration, but you must sign up for a tour(s) when you register for the conference, if interested. Seats are limited and a ticket is required to board the tour buses each day. To register, simply check the box for the specific day and tour requested. 1.5 extra CEC's and PDH's will be provided for the Thursday tours ending at 5:30 pm.

EXHIBITORS & SPONSORS

Exhibitors: Companies and organizations will exhibit their products, services, and activities all day Wednesday. Exhibitor cards can be completed by participants. There will be a drawing of returned completed Exhibitor Cards to select door prize winners, and winners will be announced at Thursday's Plenary Session.

Sponsors: We invite you to be a sponsor for the annual conference or donate a door prize. All sponsors will be identified in the conference program, at plenary sessions and during the awards luncheon along with newsletter advertising benefits. For a complete listing of Sponsor benefits please contact Sarah at IAFSM@sbcglobal.net.

Exhibitor registration and sponsor registration can be found at the following link:

<https://www.123signup.com/register?id=cmcyj>

	On or before February 15	After February 15
Exhibitor Fee	\$500	\$500
Registration Fee	\$300	\$350
Full Time Student Registration Fee (Limited registrations -Please contact Sarah Harbaugh at iafsm@sbcglobal.net to arrange for this special rate)	\$100	\$100

CFM EXAMINATION

The Certified Floodplain Manager exam will be conducted at the InterContinental Chicago O’Hare Hotel and Conference Center on March 13, 2012 from 6:00 – 9:00 PM. If you want to take the Floodplain Manager Certification Exam on March 13, 2012 the **ASFPM** must receive the CFM application packet and fee by February 29th. The application packet is available on our website, www.IllinoisFloods.org.

COMMUNITY RATING SYSTEM (CRS)

CRS: The Community Rating System Committee is working to increase Illinois participation. ISO (Insurance Service Office) staff will be available to meet individually with those interested in the CRS on Wednesday starting at 11:00 a.m. and throughout the conference. A special review of the upcoming changes in the 2012 CRS Manual will also be presented during the conference.

CEC’s & PDH’s

Certified Floodplain Managers – CECs:

10 Continuing Education Credits are provided toward the requirements for Certified Floodplain Managers for attending both days of the conference (6 Wednesday, 4 Thursday). Attendance is reported directly to the CFM Database.

Professional Engineering - PDHs: Full conference attendance provides 11.5 Professional Development Hours (6 Wednesday, 5.5 Thursday) . Certificates can be picked up at the end of the conference.

Credit hours are subject to final program adjustment.

Tuesday, March 13, 2012 (PRE CONFERENCE)

6:00 p.m. to 9:00 p.m. CFM Exam: The Certified Floodplain Manager exam will be conducted at the InterContinental Chicago O'Hare Hotel and Conference Center. See IAFSM's website for the application for the CFM exam, www.IllinoisFloods.org. Applications must be received by February 29, 2012.

Wednesday, March 14, 2012

- 8:00 am Registration
Exhibits and continental breakfast - Exhibits hall
- 9:00 am **Plenary Session**
- How To Talk To Your Legislator: Representative Mike Fortner
 - Lt. Governor Sheila Simon, Watershed Management & Lt. Governor's Office (invited)
- 10:30 am Break - Exhibits Hall
- 11:00 am Insurance Services Office (ISO) meetings- staff will be available to meet individually with those interested in the CRS. (Room 333)
- 11:00 am **Concurrent Session 1**
- 1A Mitigation**
- ❖ Franklin Park IKE Buyout Program
 - ❖ How (Not) to use Flood Insurance Information For Damage Assessments
 - ❖ Rapid Development of a Flood Acquisition Project: Decisions and Opportunities
- 1B Floodplain**
- ❖ Willowbrook High School Online Detention and Fieldhouse Floodplain Project
 - ❖ Lake Michigan Flood Management Considerations in Chicago
 - ❖ Unnumbered Zone A - Base Flood Elevation Determinations by FEMA
- 1C Wetlands**
- ❖ Urban River Restoration: Habitat Improvements on the N. Branch Chicago River
 - ❖ Northeast Illinois Invasive Plant Partnership: Protecting & Preserving Wetlands
 - ❖ Vegetation Considerations for Stormwater Infiltration Systems
- 12:30 pm Lunch
- Floodplain Management Downunder - "How do Australians Perceive Floodplain Management?"
- 2:00 pm **Concurrent Session 2**
- 2A Levees**
- ❖ Alexander County Flooding in 2011
 - ❖ Modeling and Mapping Dams and Levees
 - ❖ Status of Levee Accreditation in Illinois
- 2B Stormwater**
- ❖ Gilberts Glen Stormsewer Replacement and Detention Restoration
 - ❖ Highlands Ravine Stabilization
 - ❖ US 30 / Railroad Grade Separation Project: One Project, Three Solutions

2C BMP's

- ❖ Otter Lake Best Management Practice Implementation
- ❖ Establishment of Vegetation on Construction Sites and/or Disturbed Areas
- ❖ Charles City: Permeable Street Project

FIELD TOURS (Tickets Required)

2:00 pm - 5:30 pm **FLOOD MITIGATION TOUR** - Methodist Campground Mitigation, Tollway Bio-Swales, Rand Park /Levee 50 Pump Station and Levee/Floodwall System in Des Plaines, and Levee 37 Floodwall and Gates

3:00 pm - 5:30 pm **O'HARE AIRPORT EXPANSION**

3:00 - 5:30 pm **CRS Changes** (Avadon Ballroom) - The New & Improved Community Rating System, Scott Cofoid, CFM ISO, Inc. A review of the upcoming changes in the 2012 CRS Manual

3:30 pm Break - Exhibits Hall

4:00 pm **Concurrent Session 3**

3A Regulatory

- ❖ The Big Picture: Water Quality, Regulations and NPDES
- ❖ Cook County Watershed Management Ordinance: Impacts to the Cook County Economy
- ❖ McHenry County's Streamlined Permitting Process

3B Modeling

- ❖ NRCS Dam Risk Assessments: Inspections, Unsteady Flow Modeling and Breach Inundation Mapping for Two Dams in New Mexico
- ❖ Benefits of 2D Modeling for Urban Stormwater Master Planning in Niles, Illinois
- ❖ Analysis: Comparing Results Between Unsteady and Steady HEC-RAS

3C Case Studies

- ❖ From the Engineering Plans to the Construction Site: Notes from an Inspector
- ❖ Illinois Avenue Culvert Replacement Project - From Flood Study to Funding to Flood Relief
- ❖ Unique Approaches to Monitor Surface Water Flow in Lake County

3D Planning

- ❖ Rainfall Analysis
- ❖ Rebuilding the Boneyard Creek in Downtown Urbana: Challenges in Concept Planning and Final Design
- ❖ Complexities along the Rock River

5:30 pm Social Hour - Exhibits Hall

Thursday, March 15, 2012

7:30 am IAFSM Board Meeting - Cassatt C
Registration & Continental Breakfast

9:00 am **Plenary Session**

- Developing Technologies at the National Weather Service
- NFIP Reform and ASFPM National Update and ASFPM Foundation
- Vendor Door Prizes

- 10:30 am Break
- 10:30 am Insurance Services Office (ISO) meetings- staff will be available to meet individually with those interested in the CRS. (Room 333)
- 11:00 am **Concurrent Session 4**
- 4A Stormwater**
- ❖ Chicago Green Roofs Investigation
 - ❖ Orland Park Basin Best Practices Program
 - ❖ Reusing Stormwater as a Valuable Water Resource
- 4B Mapping**
- ❖ Streamgage - linked Inundation Mapping Websites in Illinois - Are your feet wet yet?
 - ❖ Do Communities Dream of Electric Maps: FEMA's All Digital Vision
 - ❖ Mobile LiDAR for Flood Risk Reduction and Risk Assessments
- 4C Levee**
- ❖ Lessons Learned from Hydrodynamic Levee - Breach and Inundation Modeling
 - ❖ Upper Mississippi River Basin Levee Inspections
 - ❖ Near Realtime Levee Freeboard Estimate
- 12:30 pm Awards Luncheon
- 2:00 pm **Concurrent Session 5**
- 5A Dams**
- ❖ Temporary Water Diversion for Inspections & Repair of Weirs & Spillway Dams
 - ❖ Draft national Guidelines for Assessing Sediment - Related Effects of Dam Removal: Illinois' Role
 - ❖ Walton Lake Dam Overtopping and Wash Out
- 5B Mitigation**
- ❖ Alexander County needs a little *R&R*: Community Recovery and Rebuilding after the 2011 Spring Floods
 - ❖ Evaluation of Levee Setbacks for Flood-Loss Reduction along the Middle Mississippi River
 - ❖ "Living, Working, Building and Mitigating Behind Levees"
- 5C Wetlands**
- ❖ CAW21 Discovering The Potential of Separating Ecosystems
 - ❖ Dalitsch Pond Enhancement, City of Lake Forest
 - ❖ Native Area Management
- 2:00 pm - 5:30 pm **FLOOD MITIGATION TOUR** - Methodist Campground Mitigation, Tollway Bio-Swales, Rand Park /Levee 50 Pump Station and Levee/Floodwall System in Des Plaines, and Levee 37 Floodwall and Gates
- 3:00 pm - 5:30 pm **O'HARE AIRPORT EXPANSION**
- 3:30 pm Adjourn regular sessions