



IAFSM

*Illinois Association for
Floodplain and Stormwater Management*

2010 Annual Conference

**Wednesday & Thursday
March 10 & 11, 2010**

The Holiday Inn Select & Convention Center,
Tinley Park, Illinois

Questions: Sarah Harbaugh
IAFSM Executive Secretary

IAFSM@sbcglobal.net

or 630/443-8145

www.IllinoisFloods.org

LOCATION AND LODGING

Location: The conference is at the Holiday Inn Select & Convention Center, 18501 S. Harlem Ave, Tinley Park, Illinois, 60477, <http://www.ichotelsgroup.com/h/d/hi/1/en/hotel/chitn>.

Lodging: A special conference rate of \$95 plus tax, single or double, per night, has been established at the Holiday Inn Select. Reserve your room directly with the hotel at 708/444-1100, ask for in-house reservations and tell them you are with the Illinois Association for Floodplain & Stormwater Management. *The hotel's reservation deadline for this rate is February 7th.*

REGISTRATION

Registration: Registration covers lunches, breaks, materials and your 2010 IAFSM membership. **Discount before February 19, 2010 (\$160).** If you register after February 19th the cost for the conference is \$175. The deadline for registrations and cancellations is March 1, 2010. No refunds after March 1, 2010. *In past years we had to turn away late registrants. Register early to make sure you don't miss out.*

Use the registration form enclosed with this brochure (one per person, please). Make checks payable to "IAFSM." Or you can pay by credit card. **No vouchers, invoices, etc., will be accepted.**

EXHIBITORS & SPONSORS

Exhibitors: Companies and organizations will exhibit their products, services, and activities all day Wednesday. Exhibitor cards can be completed by participants. At Thursday's luncheon, there will be a drawing of returned completed cards to select door prize winners.

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 luncheon.

**Exhibitor registration and sponsor forms are on the IAFSM website www.IllinoisFloods.org
Or contact Sarah at IAFSM@sbcglobal.net or 630/443-8145**

CFM EXAMINATION

The Certified Floodplain Manager exam will be conducted at the Holiday Inn On March 9, 2010 from 6:00 – 9:00 PM. If you want to take the Floodplain Manager Certification Exam on March 9, 2010 the ASFPM must receive the CFM application packet and fee by March 1st. 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 afternoon starting at 1:30 p.m. and throughout the conference on Thursday.

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. Attendance is reported directly to the CFM Database.

Professional Engineering - PDHs: Full conference attendance provides 12 Professional Development Hours. Certificates can be picked up at the end of the conference.

Credit hours are subject to final program adjustment

Tuesday, March 9, 2010
(PRE CONFERENCE)

6:00 p.m. to 9:00 p.m. CFM Exam: The Certified Floodplain Manager exam will be conducted at the Holiday Inn. See IAFSM's website for the application for the CFM exam www.IllinoisFloods.org. Applications must be received by March 1, 2010.

Wednesday, March 10, 2010

8:00 a.m. Registration, Exhibits and Continental Breakfast – Exhibits Hall

9:00 a.m. Plenary Session - Illinois State Floodplain Programs

10:30 a.m. Break - Exhibits Hall

11:00 a.m. Concurrent Sessions 1

1A CRS – Higher Standards

- *Going Above and Beyond. Local Initiatives to Gain CRS Credits*
- *Ottawa – Joining CRS at Class 6 and Aiming for a Class 4*
- *Lake in the Hills CRS from 10 to 7*

1B Local Regulatory Program Development and Emerging Regulations

- *Non-Residential Floodproofing Design Considerations and Case Study*
- *A Primer for Engineers on LEED ND Status and Meaning for Future Projects*
- *Where is Illinois Going? Emerging Water Quality Regulations in Illinois*

1C Forecasting and Early Warning Systems

- *Reemphasize forecasting – Plum Creek/Hart Ditch Flood Forecasting*
- *Real-time Floodplain Mapping*
- *Lake County SMC's Flood Response Part II: Lessons Learned After Two Federal Disasters*

1D Stormwater or Flood Management Case Study

- *Twin Orchard Country Club Drainage Improvements*
- *Groundwater Flooding in Residential Subdivision*
- *Riverside Avenue Floodway – a Case Study in Creative Floodplain Management*

12:30 p.m. Lunch - David Zalaznik, Staff Photographer at the Peoria Star and Photojournalist for the 2008 publication "Life Along the Illinois River"

1:30 p.m. Insurance Service Office (ISO) meetings

2:00 p.m. Concurrent Sessions 2

2A Selection of Modeling Tools for Sustainable Stormwater Management

- *Las Cruces, Guatemala – Post Flood Analysis and Mitigation Design*
- *Risk Assessment and Management in Hydrologic and Hydraulic Analysis – Lessons Learned from the Analysis of the El Aquacate River for a Rural Bridge Reconstruction in the Guatemalan Highlands*
- *Developing a State-Wide Program for Consistent Construction Site Erosion Control Inspection in Wisconsin*

2C Levee

- *Elmhurst Levee Certification*
- *Non-Levee Embankments: Questions, but no Answers*
- *Earthquakes in Central U.S. and What to Expect*

2D Mitigation Planning and Projects

- *Tale of 2 Graftons*
- *Keith Creek Greenway Flood Mitigation Project*
- *Levees – What You Should Know to Manage Risk*

3:30 p.m. Break - Exhibits Hall

4:00 p.m. Concurrent Sessions 3

3A Advances in H & H Modeling

- *Lower Des Plaines River Detailed Watershed Plan (LDPR DWP) – Calibration and Verification Using the Clark's Unit Hydrograph Methodology*
- *Addressing Complex Hydrologic Modeling in the North Branch Chicago River Watershed*
- *De-Bugging a HEC-RAS Unsteady Flow Model*

3B RISK Map

- *Let's Get Digital: New and Easy Digital Tools for FEMA Flood Data*
- *FEMA's Risk Mapping, Assessment and Planning (Risk MAP) Program*

- *Illinois Transitioning from Map Mod to Risk Map*

3C Flood Protection Dams

- *Removal of Low Head Dams to Improve Water Quality and Other DuPage River/Salt Creek Workgroup Watershed Management Efforts*
- *How Many Dams Does it Take to Impact a Watershed?*
- *St. Charles Municipal Building – Riverwall Restoration*

3D Ordinance Development

- *Website for Public Involvement During Ordinance Updates*
- *Innovative Regulatory Approaches to Stormwater and Flood Plain Management Vs Land Use Regulations*
- *Progressive Stormwater Programs Across the Nation*

5:30 p.m. Social Hour - Exhibits Hall

Thursday, March 11, 2010

7:30 a.m. IAFSM Board Meeting

8:00 a.m. Registration, Continental Breakfast – Exhibits Hall

9:00 a.m. Plenary Session – Floodplain Management From Down Under

10:15 a.m. Break – Exhibits Hall

Committee meetings

Insurance Service Office (ISO) meetings until 3:30 p.m.

10:45 a.m. Concurrent Sessions 4

4A Mitigation Plans, Projects and Programs

- *Hazard Mitigation Planning – IL Update*
- *Developing Mitigation Projects*
- *Lake County Flood Buyout Programs*

4B Local Regulatory Programs

- *Valuable Flood Information for Local Officials*
- *Flood Risk, Map and Levee Changes, and Flood Insurance: Communication Counts*
- *Resolving Floodplain Violations*

4C Structural Flood Control

- *Main Street/Northside Park Flood Control Project*
- *Rasmussen Lake Dam Modification/North Mill Creek Restoration Floodplain Analysis*
- *Hydrologic and Hydraulic Analysis of the I & M Canal*

4D Wetland

- *Adaptive Design, Construction and Management: Using a Design-Build-Manage Approach for the Successful Restoration of 500 Acres of Wetland, Prairie and Stream Corridor*
- *Wetland – Richland Creek Mitigation Bank*
- *The Big Move: Transitioning from Watershed Planning to Watershed Implementation*

12:15 p.m. Lunch, Awards, and Door Prizes

2:00 p.m. Concurrent Sessions 5

5A Innovative Stormwater BMP's

- *The New Standard in Sustainable Design: The Nation's Largest Inland Port Goes Green*
- *Assessment of Runoff Reduction for Best Management Practices in Northeastern Illinois*
- *Retrofitting Stormwater Quality and Groundwater Recharge Best Management Practices into a Densely Urban Landscape – A Case Study of Innovative BMP's Used in Roadway Reconstruction*

5B Local Community Regulation

- *Post-Construction Stormwater Runoff Reduction and Minimization: NPDES Permit Requirements and Implementation Strategies*
- *New Elevation Certification*
- *The Illinois Height Modernization Program: Improving Elevation Data for Illinois*

5C Climate Change Impacts

- *The Chicago Wilderness Climate Action Plan for Nature: Mitigation and Adaptation Strategies for Biodiversity Sustainability*
- *Formulating an Engineering Response to the Effects of Global Climate Change for Design of Hydraulic Structures and Flood Protection Works*
- *Incorporating Climate Change into Flood Risk Assessment: An Upper Mississippi River Valley Case Study*

5D Stormwater

- *McCullum Park Flood Control Facility*
- *Buffalo Grove Village Wide Stormwater Improvement Project*
- *Application of IDNR Regulations to Concurrent/Contingent Railroad Bridge Permitting; Modeling a Zero Slope Channel in HEC-RAS*

3:30 p.m. Adjourn

IAFSM 2010 Annual Conference

Registration Form (Please use one form per person)

The registration fees cover lunch, continental breakfasts, breaks,, materials and your 2010 IAFSM Annual Membership. Save money by registering on or before February 19, 2010. The deadline for registrations and cancellations is March 1, 2010. After that date, refunds will not be available.

IAFSM Annual Conference, March 10 – 11 The Holiday Inn Select, Tinley Park			
On or before February 19	\$160	After February 19	\$175
Special Full Time Student Rate (ID required with registration)			\$80

If you have any questions, please call Sarah Harbaugh at IAFSM@sbcglobal.net or (630) 443-8145

Final Registration Deadline: March 1, 2010

No vouchers, invoices, etc will be accepted.

Mail or Fax to IAFSM, 35W749 Bluff Drive, St. Charles, IL 60175 (630) 443-8198

___ Please register me for the IAFSM 2010 Annual Conference on Wed. and Thurs., March 10-11, 2010

___ I would be willing to help at the conference with registrations, lunch ticket takers, etc.

Name: _____

Organization: _____

Address: _____

City: _____ State : _____ Zip: _____

Telephone: _____ **Email:** _____

_____ **Enclosed is a check payable to IAFSM.**

_____ **Please charge my (MC, Visa, Discover, Amer. Exp.) Credit Card**

Cardholder Name _____

Credit Card Number: -----

Expiration Date: _____ Amount to Charge: _____

Please indicate which tracks you are interested in attending. Please only mark one track per session. This is for conference planning purposes only it does not require you to attend the indicated track.

Name _____

Wednesday March 10, 2010

Session 1

A Track - CRS - Higher Standards

B Track - Local Regulatory Program Development and Emerging Regulations

C Track - Forecasting and Early Warning Systems

D Track - Stormwater or Flood Management Case Study

Session 2

A Track - Selection of Modeling Tools for Sustainable Stormwater Management

B Track - Out of State Case Studies

C Track - Levee

D Track - Mitigation Planning and Projects

Session 3

A Track - Advances in H & H Modeling

B Track - RISK Map

C Track - Flood Protection Dams

D Track - Ordinance Development

Thursday March 11, 2010

Session 4

A Track - Mitigation Plans, Projects and Programs

B Track - Local Regulatory Programs

C Track - Structural Flood Control

D Track - Wetland

Session 5

A Track - Innovative Stormwater BMPs

B Track - Local Community Regulations

C Track - Climate Change Impacts

D Track - Stormwater