



# THE IAFSM CURRENT

Illinois Association for  
Floodplain and Stormwater Management

Spring 2010 Newsletter

## Where Should We Build Our Critical Facilities? More than Floodplain Management....A Moral Responsibility

St. Rita's Nursing Home near New Orleans was built 20 years ago on a patch of high ground that had not flooded in prior floods. On the morning of Aug. 29, 2005, the parking lot was dry, the building intact. Then disaster struck. When several men stepped outside to inspect the grounds, they heard a low rumbling sound. A wall of water appeared, rolling toward them. A levee had broken. The men raced back inside and fortified the doors and windows. The water hit the building, rose up the sides, and then burst inside.

Within 20 minutes, the water inside rose almost to the ceiling and nearly three dozen residents were drowning, many in their wheelchairs and beds. In the pandemonium that followed, nurses and aides waded and then swam through the halls trying to save residents. "They floated residents on mattresses and pushed them through the windows so they could be taken to higher ground by boat. In every room, people were hollering. They were screaming for God to help them. It was a horror scene." Rescuers, including nursing home staff, managed to save 29 people from St. Rita's. Tragically, 35 other residents died in the flood.

Unfortunately, this horrific scene could easily be repeated here in Illinois where critical facilities are occasionally built in harm's way.

Schools, nursing homes, hospitals, police stations, fire stations.... For floodplain managers, the list of critical facilities seems obvious. By definition, Critical Facilities are "any facility which is critical to the health and welfare of the population and, if flooded, would create an added dimension to the disasters. Damage to these critical facilities can impact the delivery of vital services, can cause greater damage to other sectors of the community, or can put special populations at risk".

Examples of critical facilities where flood protection is required include: emergency service facilities (such as police and fire stations), schools, hospitals, retirement homes and senior care facilities, major roads and bridges, critical utility sites and hazardous material storage facilities. Examples of critical facilities where flood protection is recommended include: sewage treatment plants, water treatment plants, and pumping stations.



*Floodwaters approach the Ottawa Regional Hospital on the Fox River in Ottawa, Illinois.*

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Both the Federal government and the State of Illinois have Executive Orders, which include critical facility definitions and require higher flood protection standards for critical facilities.

The State Executive Order (#2006-#5, first signed in 1979) requires that State agencies which plan, promote, regulate, or permit activities, as well as those which administer grants or loans in the State's floodplain areas, must ensure that all projects meet the standards of the State floodplain regulations or the National Flood Insurance Program (NFIP), whichever is more stringent. The Executive Order also guarantees the state's eligibility for certain types of Federal disaster assistance.

The Federal Executive Order (#11988) has similar floodplain standards for Federal agencies. Compliance with Federal Executive Order 11988 must be met for all "pass-through" Federal funding. These standards ensure that federal and state resources and funds are not being used for inappropriate and dangerous floodplain development.



*Floodwaters at St. Margaret Mercy Hospital in Dyer, Indiana. Photo: Jessica Koscielnak, The Times*

The 500 year flood protection level is used for critical facilities in both Executive Orders. Both orders require compliance when State or federal funds are used for the construction or permitting of any critical facility. Both the state and federal orders have consistent interpretations of "critical facilities". Floodplain Management Guidelines for Implementing E.O.11988 (Federal Register, Vol. 43, No. 29 – Friday, February 10, 1978) specifically address both hazardous waste facilities and nursing homes:

Critical actions are those for which even a slight chance of flooding would be too great. Some key questions in this regard are:

If flooded, would the proposed action create an added dimension to the disaster as could be the case for liquefied natural gas terminals and facilities production and storage of highly volatile, toxic, or water reactive materials?

Given the warning lead time available, would the occupants of buildings such as hospitals, schools, and nursing homes be insufficiently mobile to avoid loss of life and injury?

If the answers to question such as these are "yes", an alternative location must be sought completely outside of the larger (500-year) floodplain.

Unfortunately, compliance with the Executive Orders is inconsistent. Both orders require the state or federal agency providing the grant or permit to ensure compliance. Some state and Federal agencies are very good at compliance while others are not even aware of the Executive Order. Better compliance and enforcement standards are needed.

The Illinois Department of Natural Resources/Office of Water Resources (IDNR/OWR) is required by the Order to assist state agencies with flood hazard information and assistance to carry out the Executive Order. Unfortunately, no agency has the authority to enforce the Executive Order.

Many communities in Illinois with more recent floodplain ordinances have also adopted the definition of Critical Facilities and higher regulatory standards in their own local ordinances. Both IDNR/OWR and FEMA strongly encourage communities to adopt critical facility protection standards in their own local ordinances.

Following the deaths in New Orleans, many experts spoke about ways to avoid future losses. Dr. Brobson Lutz, a New Orleans physician and public health expert, was the first expert witness called in the St. Rita's nursing home trial. "The bottom line on all the research is that there is no evidence-based proof that you actually save lives by evacuating patients from nursing homes," he said. The Times-Picayune.com also reports the expert stating:

Medical studies on nursing home evacuations show that the number of elderly residents in an evacuated region who die in transit is about the same as the number who would have been killed by the storm if they hadn't left.

It was clear from the physician's testimony that evacuations are often a dangerous alternative to proper planning, site location, and construction. In Illinois, police and fire cannot mandate an evacuation. The burden would then fall on the property owner.

For local floodplain managers, identification of your community's flood risks, a keen awareness of residual risk (potential dam or levee failures zones), proper adoption and enforcement of local regulations, proper planning, and above all, an ethical and moral responsibility will protect your community's critical facilities.

Protecting critical facilities such as nursing homes to a higher standard seems obvious. None of us would place our own children, elderly parents, or an infirmed family member in harm's way.

Likewise, none of us would consider allowing anyone else's loved ones to be placed in harm's way. It is a moral and ethical responsibility. It goes beyond simple floodplain management.



*Flooding at Central Elementary School, located at the confluence of the Fox River and Illinois River in Ottawa.*

### **MEMBER CALL FOR ACTION**

Currently, several state legislators in Illinois are seeking to reduce the State's protection standards for critical facilities. To avoid this dangerous path, IAFSM is encouraging our members and floodplain managers to take two steps:

1. Contact your own State legislator. Let them know how you feel about protecting vulnerable populations and hazardous waste facilities. Send them this article or the IAFSM letter, which can be accessed at [www.illinoisfloods.org](http://www.illinoisfloods.org). Don't know who your legislators are? Look them up at <http://ilga.gov/sitemap.asp> and click "legislator lookup" at the very bottom of the page.
2. Make sure your local floodplain ordinance includes a definition of critical facilities and the proper regulatory language to ensure critical facilities in your own community are not placed in harm's way.



## 2010 Annual Conference Recap

The 2010 Annual Conference was held March 10-11 at the Tinley Park Convention Center. 525 participants attended 80 workshops and visited with 25 exhibitors. Once again, IAFSM was able to offer four workshop tracks with topics ranging from Climate Change Impacts to Advances in Modeling to Local Regulatory Programs. For the first time, IAFSM offered three pre-conference workshops on March 9, which were attended by about 140 participants. Look for more pre-conference workshops next year! Information on the 2010 award winners can be found in this newsletter; more conference photos and copies of all presentations will be posted to our website shortly.

Special thanks to our sponsors and door prize donors for helping to make this conference a great success!

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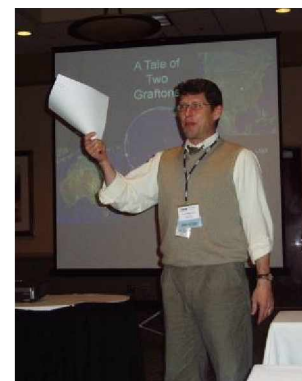
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## 2010 IAFSM Awards

*-Paul Osman, David Schein, Ron Davis, and Scott Cofoid (IAFSM Awards Committee)*

A highlight of every conference is when we get to honor our coworkers and colleagues who have done an amazing job to support and encourage good floodplain and stormwater management. This year, the awards were actually very easy. The winners were clear cut winners.

### FLOODPLAIN MANAGER OF THE YEAR

Andrew Brawn, a Planner in the Peoria County Department of Planning was given the floodplain manager of the year award this year. In 2008, Peoria County had one of the largest floods recorded. Andrew assisted local fire departments, building departments, zoning and ESDA offices in the coordination of damage assessments and public information meetings. Currently, over 50 structures are being elevated using Increase Cost of Compliance funds. Andrew was also instrumental in securing over \$400,000 in Illinois Department of Public Health Funds to assist the elderly and disabled residents in the floodplain. In addition, our winner has successfully coordinated the Community Rating System Program for Peoria County, resulting in a Class 5 Rating, the third highest CRS Score in the State of Illinois. Andrew's dedication, drive, and commitment towards floodplain management and flood mitigation is inspiring.



*Andrew Brawn and Jeff Wickenkamp*

### OUTSTANDING SERVICE

Newsletter Editor Jennifer Maercklein was awarded the IAFSM Outstanding Service Award. Jennifer's award was a hand down, no competition, no doubt, no debate, unanimous choice. The IAFSM Current is a lot of work... gathering articles, editing articles, doing the layout, doing the advertisements, meeting deadlines... Jennifer has done an amazing job. She didn't just take over the work, she made it infinitely better! *(Editor's note: the IAFSM Current wouldn't exist without a lot of hard work from IAFSM Members, Board, and Committee Chairs who contribute content. Thanks to all of you for making this newsletter what it is!)*



*Jennifer Maercklein and Jeff Wickenkamp*

### STORMWATER MANAGEMENT

This year's Stormwater Management Award winner is the Village of Frankfort. Frankfort is one of the few communities in Illinois with a multi-faceted Water Resources Plan. Frankfort is a rapidly growing community. Loss of open space and aquifer recharge are major concerns. Stormwater management and pollution control are ongoing issues. The Frankfort plan both identifies all water resources and provides a plan to ensure that the functions of these water resources is maintained. The plan identifies all the floodplain areas, both studied and unstudied. The plan identifies all the facilities designed to manage stormwater. The plan maps and identifies all wetlands in Frankfort and ensures these wetlands are protected. This is not just a plan, but a working document to establish a holistic plan to manage the Village of Frankfort's stormwater, floodplain, and wetland resources both to reduce flood losses, but also to maintain a natural environment that benefits all the residents of Frankfort.



*Frankfort Mayor Jim Holland, Cliff Janeliunas, and Jeff Wickenkamp*



## MITIGATION

Russell Rickert of FEMA Region V was awarded the 2010 IAFSM Mitigation Award. Like many of our award winners, Rusty has a non-stop drive and determination to get the job done. In 2008, when Illinois had a string of floods, Rusty worked long hours every day for months without taking a day off. Illinois is fortunate to have a partner who is willing to fight for the locals on anything reasonable. Typically it is Rusty, behind the scenes, doing his best to cut through the bureaucracy and help mitigation projects move along as smoothly as possible. Most of his work is invisible to people, but anyone that has worked with Rusty Rickert knows that his depth of knowledge and ability to get things done are making mitigation projects succeed in Illinois.



*Rusty Rickert, Jeff Wickenkamp  
and Ron Davis*

## JOURNALISM AND PUBLIC EDUCATION AWARD

This year's Journalism award goes to Terry Hillig, an Illinois-based reporter with the St. Louis Post-Dispatch. Terry has been doing accurate floodplain stories for very many years. He is based in the Metro East St. Louis area which is one of the most flood prone areas of the state. He has covered flooding and its impact on citizens, flood mitigation, floodplain regulations, flood policies both locally and nationally, and most importantly, levee issues.

## LEGISLATION AWARD

For the first time in several years, IAFSM presented a legislation award. This year's winner is State Representative Elaine Nekritz of Illinois. Representative Nekritz has been a champion of floodplain and stormwater management and recognizes the impact flooding has on residents of the 57th district. In 2004, Representative Nekritz sponsored legislation to create the Cook County Stormwater Management Commission to address the concerns of residents living near the Des Plaines River. The Commission, under the authority of the Metropolitan Water Reclamation District, provides a unified approach to combating flooding problems throughout the region. In 2006, she worked to obtain \$6.3 million from the Illinois Department of Natural Resources for the completion of Levee 50 in Des Plaines, which provides significant flood protection and saved hundreds of homes during the August 2007 storms. Recently, she has been working to expand the Buffalo Creek Reservoir in Lake County, which would allow the U.S. Army Corps of Engineers to complete flood control projects in needed to defend thousands of homeowners in the area.



*Aide Emily Kluczynski  
and Jeff Wickenkamp*

## AUSTRALIAN AMBASSADOR "AWARD"

IAFSM also gave a special award to Ian Dinham of Australia who was our first foreign representative to give a keynote presentation. Australia and the Floodplain Management Authorities of New South Wales have developed a very brotherly relationship with the US Association of State Floodplain Managers. Bringing Ian over to speak was a great idea. Ian is not only a local floodplain manager, but a professional floodplain engineer, and an elected government councillor. Ian's presentation was a conference highlight and Ian made friends with virtually every IAFSM member he met during his visit. The awards committee appointed Ian the "IAFSM Ambassador to Australia".



*Ian Dinham and Paul Osman*

## ASCE GOVERNMENT CIVIL ENGINEER OF THE YEAR

IAFSM member and IDNR employee Gary Jereb was awarded the Government Civil Engineer of the Year award by his engineering peers in the American Society of Civil Engineers. Quite a compliment and certainly worthy given the amount of work done by Gary and his staff in Bartlett.

## From the Chair

*-Jeff Wickenkamp, Hey & Associates*

I hope those of you who attended the 2010 conference found it to be professionally rewarding and a good experience. All conference attendees are now members of IAFSM until April 2011, as membership is included in the conference registration fee. If you were at the conference on Thursday, you will know that we are kicking-off our 2010 membership year (May 1, 2010 to April 30, 2011) with a membership drive. The IAFSM Board hopes that the membership drive can attract more members that are engaged in stormwater and floodplain management at the municipal and county levels of government by offering free membership (see page 11). Our goal is to have over 1,000 members by June!

By the end of 2009, IAFSM had 630 members. Each year, the majority of people become members by attending the annual conference. Of our membership, about 50% work for private consultants, 30% work for municipal and county government and 20% work for state and federal government. Do the math and that's about 190 members that represent municipal and county governments, and of the communities represented, many have multiple members in IAFSM. We can do much better, keep reading.

So how many Illinois communities are in the National Flood Insurance Program? According to FEMA, the answer is **951!** How many municipalities and counties in Illinois face issues related to stormwater management? I'd say all **1,393**. Okay, so maybe not all 1,393 local governments have staff with stormwater and floodplain management responsibilities, but it's pretty clear that we can do a better job of reaching out to more communities.

Please forward this link to anyone that you think might benefit from becoming an IAFSM member: <http://illinoisfloods.org/membership.html>. If you're a consultant, send it to your municipal clients. If you are a state or federal government employee, send it to those communities that you're assisting. If you are in municipal or county government, send it your neighbors and the other units of government you work with.

Next time I hope to write a message welcoming all of our new members.

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## Youth Outreach Chair Needed

IAFSM is currently in search of a Youth Outreach Chair. In 2009, IAFSM started a small grants program to support university student research projects. The Youth Outreach Chair should be enthusiastic about supporting and continuing this program. The Youth Outreach Chair should also be willing to establish relationships with Illinois universities and colleges (departments and student organizations) that have programs related to stormwater and floodplain management. As the position develops, there is much flexibility as to how additional programs or initiatives are undertaken. If you are interested in being our Youth Outreach Chair, please submit a short message regarding your interest to the IAFSM Chair, Jeff Wickenkamp at [jwickenkamp@heyassoc.com](mailto:jwickenkamp@heyassoc.com).

**BRADLEY E. BRINK, P.E., CFM**

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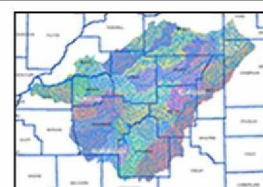
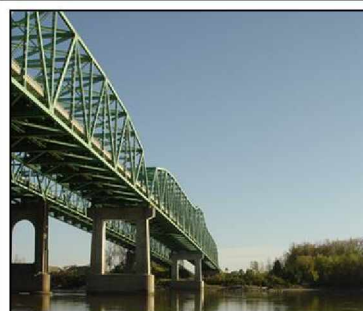
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## Borrow our Water Table!

Our Water Tables have been a big hit with kids and grown-ups alike! You may have seen or played with our table during the Annual Conference. The table belongs to IAFSM members and is available for all members to check out (free of charge) and bring to Village Board meetings, Scout meetings, 4-H meetings, school classes, etc. This new model offers a real opportunity to educate about the dangers and impact of unplanned development and human activity in the floodplain.

Through the use of this model, students can explore the value of wetlands and retention ponds in flood management. They can construct their own levees and witness how stream flow is affected and can impact downstream communities during times of high runoff. They can simulate ice damming and other seasonal risks in the floodplain. They can measure runoff volume and construct their own hydrograph of stream flow over time. Most importantly, they will work as a team to find and test solutions to a variety of floodplain problems simulated by the model. An in-depth curriculum guide is available to introduce students to important tools in the management of our critical watershed resources. Curriculum is geared towards middle school and high school students, with adaptations for younger grades.

IAFSM has two models and keeps one in Springfield and the other in northeast Illinois. Contact Sarah at [iafsm@sbcglobal.net](mailto:iafsm@sbcglobal.net) to make arrangements to borrow the model.

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## Call for Entries: Blue Ribbon Awards for River Friendly Development

Friends of the Chicago River is pleased to make a Call for Entry for their new award program for environmental leadership: the Blue Ribbon Awards, which will honor the work of developers, designers, municipalities and others for their creative approaches to river sensitive design along the Chicago and Calumet rivers and their tributaries. Beginning in 2010, each year Friends will recognize those who strive for the ideal in sustainable design for humans (public access), water (hydrology) and wildlife (ecology). The deadline for the 2010 award program is April 16. The Blue Ribbon Award summary, guidelines, requirements and submission form can be found online at [www.chicagoriver.org/chicagoriverblue](http://www.chicagoriver.org/chicagoriverblue). Questions? Please call John Quail at 312-939-0490 x20.



*School children learn about floodplain management using IAFSM's water table.*



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## Alert: Senior Water Resource Engineers

-Kay Whitlock, Christopher B. Burke Engineering, Ltd

Over the past few years, ASCE developed a post-licensure certification process for senior water resource engineers. The American Academy of Water Resource Engineers was created, and in 2004 the Academy certified the first class of engineers as Diplomate, Water Resource Engineers (D.WRE). There are currently 500+ Diplomates across the nation and a few in other countries. Kay Whitlock, Christopher B. Burke Engineering, Ltd., currently serves as President of the Academy. This article is an offer from Kay to coach senior Illinois engineers through the certification process.

The requirements are as follows:

- A Masters Degree in a field related to the water resource engineer's practice or 30 graduate hours.
- 10 years professional engineering experience in water resource engineering.
- Licensed as a PE.

The application process requires detailed information about the engineer's education, career and licensure. Letters of reference are also required (ask Kay and she'll help with that). An oral interview can be required where the applicant defends their experience much like a dissertation defense; sometimes the application will speak for itself and the interview will be waived. Engineers with the above requirements but with 25 years of experience can be nominated through an eminence process. Applications are accepted year round.

More information and application materials can be found on the web-site [www.aawre.org](http://www.aawre.org). IAFSM members who meet the eminent requirement should contact Kay directly for further information: [kwhitlock@cbbel.com](mailto:kwhitlock@cbbel.com) or 847-823-0500.

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## Next Board Meeting

The next IAFSM Board Meeting will be on Wednesday, May 12 at 9:00 a.m. at the Bloomington-Normal Marriott, 201 Broadway Avenue in Normal. All members are welcome and encouraged to attend.

## Legislation Committee Update

~Kay Whitlock, Christopher B. Burke Engineering, Ltd.

This has been a hectic winter for IAFSM related to activity in the Illinois General Assembly. There has been keen interest in floodplain development in the metro-east area of Illinois, and we've spent some time attempting to explain why assisted living facilities could be problematic if built in a floodplain. Our Chair, Jeff Wickenkamp, sent letters to legislators to educate about the threat of flooding in floodplains. Numerous phone calls were made to groups concerned with the welfare of older or special-needs residents.

Updates are difficult to provide in this newsletter because the situation changes hour to hour. The Illinois General Assembly has a wonderful status page at [www.ilga.gov](http://www.ilga.gov). Visit the site if you are interested in watching the current legislation go through the process, or if you're interested in floodplain related legislation in general. A status report immediately appears when a bill number is entered; three bills of primary interest are SB2556, SB2484, and HB4988. There is also a function to search for legislation by keywords. Take a look. If you are interested in becoming more actively involved, contact IAFSM's Legislative chair, Kay Whitlock, at [kwhitlock@cbbel.com](mailto:kwhitlock@cbbel.com) or 847-823-0500. She will welcome your help.

### Sierra Club Finds Illinois Floodplain Bill “Mind-Boggling”

*“In what can only be described as mind-boggling, a new bill in the Illinois State Legislature, SB 2556, redefines ‘100-year floodplain’ - essentially saying there are none.”*  
Read the Sierra Club’s full Letter to the Editor of the St. Clair Record at [www.illinoisfloods.org](http://www.illinoisfloods.org)

## New Users Group for CRS Coordinators

~Mary Lou Kalsted, Village of Lisle

The IAFSM Community Rating System (CRS) Committee hosted a start up meeting for an Illinois CRS Users Group on February 10, 2010 in Lisle. Seventeen CRS Coordinators or those who assist attended the meeting, representing fifteen communities. Also in attendance was Scott Cofoid, CRS Specialist from ISO. The group decided to focus their efforts on several projects:

- Sharing information on their community’s successful programs, which other members can use;
- Training sessions, both for group members and for groups who would find certain topics useful, such as one on elevation certificates for professionals who prepare them;
- Discussion of various CRS issues and preparation of position papers to send to the CRS Task Force, to advocate for changes or improvements in the CRS program.

A CRS Committee page has been added on the IAFSM web site: [www.illinoisfloods.org/com\\_crs.html](http://www.illinoisfloods.org/com_crs.html). A password-protected section allows CRS communities to share documents on CRS activities in their communities and other information that is not public record.

Scott Cofoid shared an update on the CRS program in Illinois, as well as information about the Emergency Management Institute (EMI) training classes available, the CRS Coordinators Manual, the recertification process, and some recent changes to CRS activities or points.

Several participants discussed programs their communities are doing that have scored well in CRS. The group plans to meet again on July 21, 2010 in Lisle. Anyone not already receiving E-mails from the group who would be interested in attending can contact Mary Lou Kalsted, CRS Committee chair, at (630) 271-4107 or [mkalsted@villageoflisle.org](mailto:mkalsted@villageoflisle.org).



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## Newsletter Ideas and Articles Needed

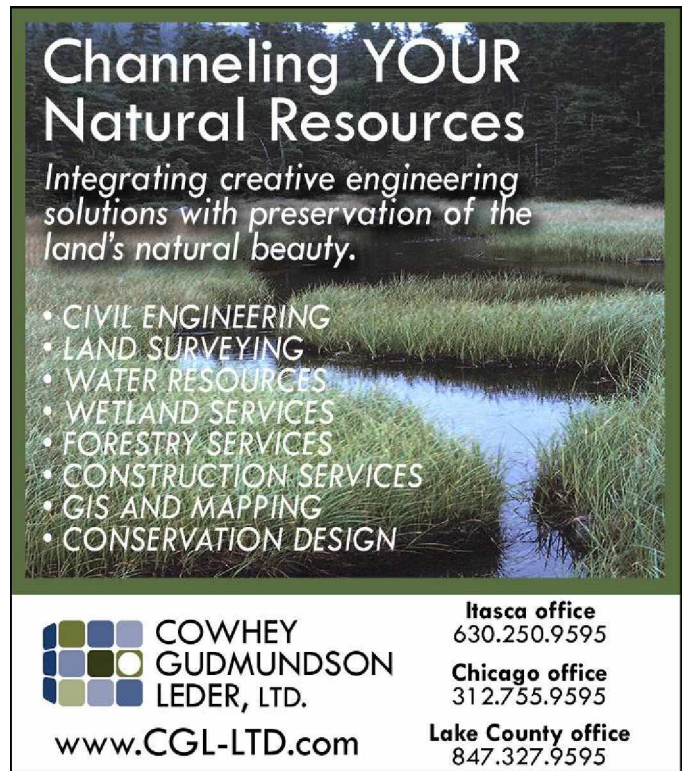
~Jennifer Maercklein, V3 Companies of Illinois

IAFSM members, this is YOUR newsletter! What types of articles would you like to read about in The IAFSM Current? Email Jennifer Maercklein, editor, at [jmaercklein@v3co.com](mailto:jmaercklein@v3co.com) if there are topics that you'd like us to cover. You don't need to write the article – we just want your ideas!

If you're gifted with a pen and would like to provide content, we'd welcome your written contributions as well. Email the editor with a brief abstract of your article and we'll consider it for future publication.

### Newsletter Publication Deadlines

- May 21 - Summer Newsletter article deadline
- September 24 – Fall Newsletter article deadline
- December 17 – Winter Newsletter article deadline



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## More Ways to Stay in Touch!

~Lillian Prince, Engineering Resource Associates

IAFSM has two new ways to stay in touch with members:

IAFSM now has an official Group on LinkedIn.com. At this time, membership in the Group is limited to current and past IAFSM members. All official IAFSM communication will continue to come via email, but our LinkedIn Group provides a way for committee members to communicate with each other (if preferred over email). The LinkedIn group also provides another way to network and stay in touch with other members; for example, a subgroup has been set up for users of HEC-RAS Unsteady Flow. Also, the committees are establishing subgroups to serve as another point of contact for getting involved. We hope that the online community will grow and function as a user's group to facilitate the communication of ideas on many facets of stormwater and floodplain management. Type IAFSM into the group search box on LinkedIn to find us, or click the hyperlink on our homepage at [www.illinoisfloods.org](http://www.illinoisfloods.org).

We have a new Committee page on our website. Visit [www.illinoisfloods.org/committees.html](http://www.illinoisfloods.org/committees.html) to learn more about what each committee is up to, check meeting dates, and get involved!

### **2010 IAFSM Membership Drive – FREE Membership!**

In March 2010, the IAFSM Board voted to waive the 2010-2011 membership fee for municipal and county government employees and those who are retired or currently unemployed.

Please help us get the word out and encourage your colleagues to join IAFSM by forwarding the link below. There are many stormwater and floodplain managers in Illinois that are not members of IAFSM, but they should be. Our goal is to have 1,000 members by June of this year!

<http://illinoisfloods.org/membership.html>



## CEC / Training Opportunities

FEMA's Emergency Management Institute has announced the availability of eight one-day training modules addressing advanced concepts in floodplain management. Each module can be field delivered and includes an instructor's guide, student manual, presentations, interactive exercises, and job aides. To request materials for field delivery of these modules please contact Nancy Olson, FEMA Region V Training Manager, at [nancy.olson@dhs.gov](mailto:nancy.olson@dhs.gov). The courses currently developed are:

- E194, Advanced Floodplain Management Concepts, which includes:
  - Local Floodplain Manager Roles and Responsibilities
  - NFIP Floodplain Rules and Regulations In-Depth
  - LOMCs and Local Floodplain Management
  - Planning for Post-Disaster Integrated Management
- E282, Advanced Floodplain Management Concepts, which includes:
  - Flood Insurance for the Local Floodplain Manager
  - Higher Standards and NAI Concepts
  - Hydrology and Hydraulics for the Floodplain Manager
  - Manufactured Homes & RVs in the Floodplain

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## Scholarships Available to ASFPM 2010 Conference

IAFSM will provide up to 10 scholarships to local officials who wish to attend the ASFPM 2010 Conference. Scholarships will cover the \$575 registration cost and will not cover travel, lodging, etc. If interested, contact Paul Osman at [paul.osman@illinois.gov](mailto:paul.osman@illinois.gov) or 217-782-4428 for details. Applications are due Thursday, April 1.

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## 2010 Certified Floodplain Manager (CFM) Exam Schedule

As a reminder, IAFSM began using the National Association of State Floodplain Managers (ASFPM) Exam in January 2010. The National Exam includes questions on coastal floodplain requirements that were not previously included on the Illinois exam, and excludes Illinois-specific questions. The Illinois Floodplain Management Desk Reference found on our website is a valuable tool for floodplain managers in Illinois, but it is not a comprehensive study guide for the new National Exam. Visit [www.illinoisfloods.org/certification.html](http://www.illinoisfloods.org/certification.html) for registration and info.

- Bartlett: **Summer 2010, date TBD** (IDNR office)
- Champaign: **9/8/10** (ISWS office)
- Woodridge: **9/15/10** (V3 office)
- Rosemont: **December 2010** (CBBEL office)

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## Jobmart

Visit our Jobmart at [illinoisfloods.org/jobmart.html](http://illinoisfloods.org/jobmart.html). Current openings include McHenry County StormWater Engineer and FEMA Disaster Assistance Employee. Jobmart is a free service to members of IAFSM. If you would like to post a position, send complete information to [IAFSM@sbcglobal.net](mailto:IAFSM@sbcglobal.net).

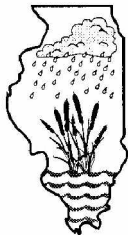
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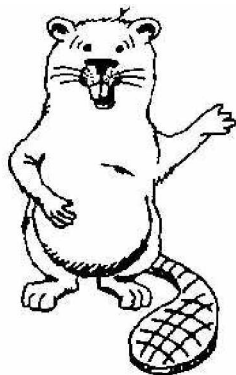


Illinois Association for  
Floodplain and Stormwater Management

# THE IAFSM CURRENT

*Spring 2010 Newsletter*

The IAFSM Newsletter is published quarterly for members of the Illinois Association for Floodplain and Stormwater Management. Information and opinions contained herein do not necessarily reflect the views of all members. Items for publication and other editorial matters should be directed to the editor at [jmaercklein@v3co.com](mailto:jmaercklein@v3co.com). To advertise in this newsletter (\$100-\$200 per year depending on ad size) contact the association at [IAFSM@sbcglobal.net](mailto:IAFSM@sbcglobal.net).



## **IAFSM Officers**

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Special thanks to J&J Enterprises for our beaver, the mascot of surface water managers.

*For current Job Postings and CEC Training Opportunities, visit our website at [illinoisfloods.org](http://illinoisfloods.org).*

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and Stormwater Management  
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