

A newsletter for people concerned with water management issues.



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Message from the Editor

The WAFSCM newsletter is published twice a year to update members on chapter activities and to provide information on publications, seminars, etc. that may be beneficial to our water community. If you have articles, announcements, or other information that you would like us to include in future newsletters, please forward it to me at cindi.debruine@rasmithnational.com.

Thank you to all the newsletter contributors and to Rhonda Janos for the newsletter preparation.

Cindi DeBruine
Newsletter Editor



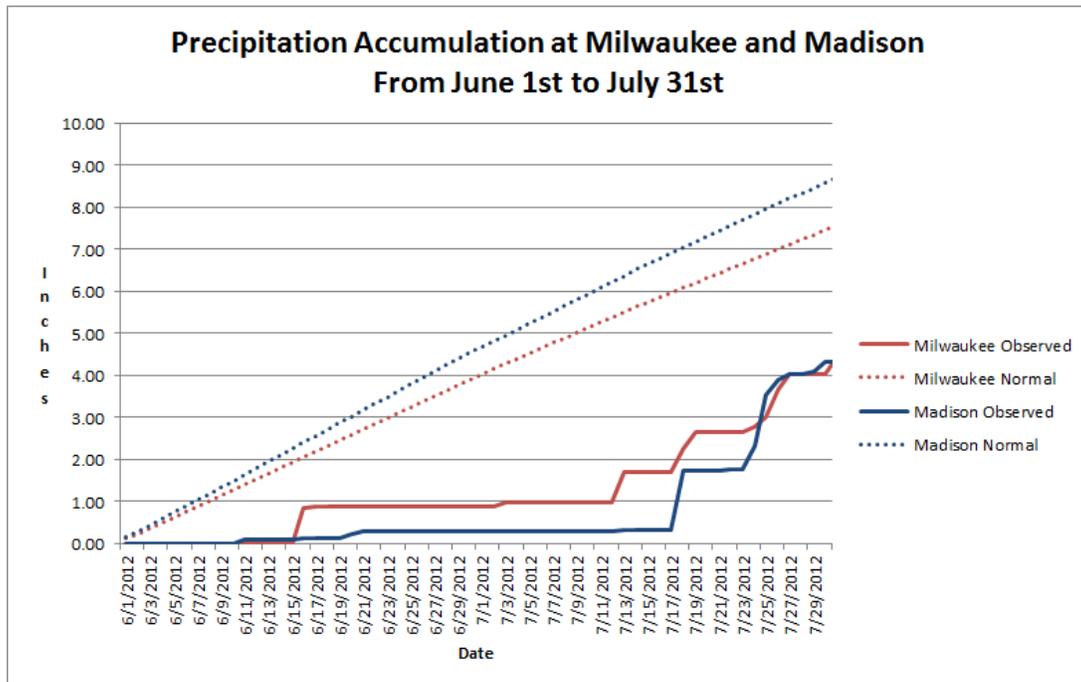
Water Matters

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Message from the Chair



It is the third week in July and Milwaukee finally got a meaningful rainfall event yesterday. I have spent my entire career dealing with too much precipitation, so this summer our drought in southern Wisconsin has been very eye opening. I wanted to include the graphic below which I found on the National Weather Service Milwaukee-Sullivan, WI summary page to highlight how far below normal precipitation totals are for our part of the state. We have a ways to go to get back to normal and amazing for me to say in our field, but come on rain!



As a board we are focusing on our fall conference October 10-12th in Madison. Details on the conference are included in a separate article within the newsletter. I was privileged to represent the Chapter at the ASFPM National Conference in San Antonio this year and some musings from that event are discussed separately as well.

Don't forget WAFSCM has a floodplain model available for any member to borrow to take to an educational event. Feel free to contact me to check it out, it is stored at my office in Waukesha, WI. To date it has been used only twice, and we would like to see it get out even more.

We are still looking for a Coastal Management Committee chair for WAFSCM. Our hope is our technical committees will lead the development of twilight sessions that can be used towards the Wisconsin PE continuing education requirements. If interested in participating on any of our committees, please contact me.

I look forward to seeing you all at the fall conference in Madison!

Laura Kletti, P.E., CFM
WAFSCM Chair
lkletti@sewrpc.org



Floodplain model available to borrow.



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ASFPM National Conference San Antonio, TX

I was pleased to represent WAFSCM at the ASFPM National Conference in San Antonio, TX May 21-25, 2012. There are two things I wanted to bring back and share with you from the conference.

One, in the US we call it a **watershed**, but in Europe they call it a **water catchment**. To date the focus in the US has been in getting the water away (shed) versus preserved and used (catchment) in Europe. Something interesting to think about – perhaps we need to change our description as we change our mindset here in the US.

Two, Larry Larson gave an interesting talk on Sustainable Strategies to Foster Community Resilience. Larry is moving on to Director Emeritus status with ASFPM, and I viewed his thoughts as lessons learned in his 30 plus years in floodplain management. larry@floods.org

- ◆ Floodplain Management - how are we doing nationally? Not so good – in real dollar terms the average annual flood damages show a threefold increase from early 1900s to today and per capita damages increased by more than a factor of 2.5 in the previous century.
- ◆ Some ideas Larry offered to point us in the right (sustainable) direction
 - Avoid development in high risk areas!
 - Need better/smarter regulations for floodplains and land use
 - Map tomorrows flood (not yesterdays)
 - No floodway development nationwide
 - Freeboard for new buildings above 100-year event
 - Critical facilities above the 500-year event
 - Maximize the use of natural systems
 - Push for local responsibility for development
- ◆ Larry was asked if there was only one thing he would change during his tenure and he felt it would be to promote more rigorously the **personal responsibility for risk**.



Larry Larson

If you are interested, you can find all the presentations from the conference on the ASFPM website from the 2012 National Conference page.

Laura Kletti, P.E., CFM
WAFSCM Chair



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Please Welcome Our New Stormwater Committee Chair

Peter Shedivy, P.E., is currently employed at HNTB Corporation as a Water Resource Engineer and has 5 years of experience in floodplain and stormwater management. Prior to accepting a position at HNTB Peter obtained his Master of Science in Engineering by conducting research at the Great Lakes Water Institute at UWM. There, he studied the hydrodynamics of Lake Michigan along Milwaukee.

His professional stormwater experience in Wisconsin includes design for numerous WISDOT highway projects including the I-94 North-South Freeway Project, US 41 Project, WIS 441 Tri-County Project, and STH 50. Design/Build experience includes stormwater engineer for Cleveland's I-90 Innerbelt Bridge in Ohio, and project engineer for I-405 in California.

Raised and currently living in Wauwatosa, he was also able to experience the large flood events in the 1990's that flooded downtown Wauwatosa. During those flooded times, he and his friends quickly headed to the Menomonee River and body rode the rapids from Hoyt Park to Saz's. Fortunately today, youth are at a much less risk of flooding and extreme peak flows. A decade later or so, he contributed his knowledge of river hydraulics obtained at UWM, as a design engineer on two local flood control projects in his Wauwatosa neighborhood; the MMSD's Milwaukee County Grounds Flood Control Project and MMSD's Western Milwaukee Levee and Floodwall Flood Control Project.

When it's not raining and he's not working, Peter enjoys camping, fishing, boating, gardening, teaching his rescue dog Max agility exercises, and spending time with his niece and nephew.

Please contact Peter at pshedivy@HNTB.com if you would like to work with him on the WAFSCM Stormwater Committee. More information on the WAFSCM Board and contact information for the other committees chairs can be found on the WAFSCM Website at http://wi.floods.org/Board_Members.htm.



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WAFSCM AWARD NOMINEES SOUGHT

At its conference this fall that will be held October 10-12 in Madison, the Wisconsin Association for Floodplain, Stormwater, and Coastal Management would like to present several awards, relying upon the membership for nominations. The categories are: Chapter Service Award, Local Award for Excellence, Excellence in Project Design or Implementation Award, and Lifetime Achievement Award, if appropriate. The Awards Program was begun in 2006.

The **Chapter Service Award** is intended to recognize individuals who, through significant accomplishments and/or long-term efforts, have clearly influenced the work of the Association to improve floodplain, stormwater, or coastal management in Wisconsin. Previous recipients have been Dave Fowler, Milwaukee Metropolitan Sewerage District; Roxanne Gray, Wisconsin Emergency Management; and Cindi DeBruine, R. A. Smith National.

The **Local Award for Excellence** is intended to recognize an individual, organization, program, governmental unit, or the like, which has contributed outstanding or essential work toward implementing sound floodplain, stormwater, or coastal management. A previous recipient of this award was Donna Haugom, Jefferson County Emergency Management Director.

Excellence in Project Design or Implementation is a means to provide recognition focusing on particularly meritorious project efforts more so than individuals. Thereby, teams, firms, agency divisions, etc., may find a recognition niche. Previous recipients have been Meg Galloway, Bill Sturtevant, and the WDNR Dam Safety and Floodplain Management Section; Mike Campbell, Ruekert and Mielke, Inc.; and Milwaukee Metropolitan Sewerage District and Short Elliott Hendrickson, Inc., Dave Fowler, MMSD, and Tom Sear, SEH, Project Managers.

A **Lifetime Achievement Award** will also be entertained for distinguished and extensive service, normally over the course of a career, toward advancing the cause and/or ideals of best practical floodplain, stormwater, or coastal management. This prestigious award may be given as warranted, and is still awaiting its first winner.

Please start thinking about the credentials of deserving candidates. In 2012, the Association will again strive to make award nominations a fairly easy and straightforward process. Basic information on the nominee(s) with respect to merit and accomplishments, their contact information, and the relationship or perspective of the nominator (knowledge of award-worthiness), are generally all that will be needed. Brief supporting materials are acceptable, but extensive documentation is discouraged. If appropriate, the Awards Committee may contact persons submitting nominations for additional information.

Please submit your nomination for any of the above awards by **August 15, 2012** to:

Gary Korb, WAFSCM Awards Chair
UW-Extension/SEWRPC
Phone: 262-547-6721
gkorb@sewrpc.org



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WAFSCM SCHOLARSHIP PROGRAM

**WAFSCM SCHOLARSHIP PROGRAM
2012 ANNUAL WAFSCM CONFERENCE
"Making Waves! Our 10-Year Event"
Sheraton Madison Hotel
706 John Nolen Drive, Madison, WI
October 10-12, 2012**

The purpose of the Wisconsin Association for Floodplain, Stormwater and Coastal Management is the following:

1. Promote public awareness of proper floodplain, stormwater, and coastal management;
2. Promote the professional status of individuals involved in floodplain stormwater, and coastal management and secure all benefits resulting there from;
3. Promote a liaison between individuals concerned with proper floodplain, stormwater, and coastal management and to encourage the exchange of ideas;
4. Keep individuals concerned with proper floodplain, stormwater, and coastal management well informed through educational and professional seminars and to provide a method for dissemination of information, both general and technical;
5. Inform concerned individuals of pending floodplain, stormwater, and coastal management legislation and other related floodplain, stormwater, and coastal management matters; and
6. Study and support legislation pertinent and necessary to the effective implementation of floodplain, stormwater, and coastal management matters.

WAFSCM is pleased to announce that they will be awarding scholarships for attendance at the 2012 Wisconsin Association for Floodplain, Stormwater and Coastal Management's 10th Annual Conference, October 10-12, 2012, in Madison. **Any current member of WAFSCM or non-member local government official** is eligible to apply for a scholarship to attend the 2012 conference. This is a great opportunity to interact, exchange ideas, make contacts, form partnerships and prepare for an improved and sustainable future for flood damage reduction.

The scholarships will include the registration and lodging for October 10 and 11. The scholarship recipients will be responsible for their own travel and per diem costs.

Criteria that may be considered in selection of scholarship recipients include:

- Whether the applicant is a Certified Floodplain Manager
- Past participation in the Wisconsin Association for Floodplain, Stormwater and Coastal Management
- Commitment to participate in WAFSCM activities (committees, conference, workshops, etc.)

Other criteria to be determined

The WAFSCM Scholarship Application Form on the next pages should be completed and submitted by September 1, 2012. If selected to receive a scholarship, you will be required to write an article for the next WAFSCM newsletter *Water Matters* about your experiences attending the conference, or another appropriate subject matter relating to floodplain, stormwater or coastal management. Local government officials or representatives are strongly encouraged to apply!





Wisconsin Association for Floodplain,
Stormwater, & Coastal Management

WAFSCM SCHOLARSHIP APPLICATION FORM
FOR
10TH ANNUAL WAFSCM CONFERENCE
"Making Waves! Our 10-Year Event"
Sheraton Madison Hotel
Madison, WI
October 10-12, 2012

Name: _____

Title: _____

Employer: _____

Address: _____

City/State/Zip: _____

Phone: _____ Fax: _____

E-Mail: _____

Must be a current WAFSCM Member or non-member local government official.

Indicate years a past WAFSCM Member: ___ 2002 ___ 2003 ___ 2004 ___
2005 ___ 2006 ___ 2007 ___ 2008 ___ 2009 ___ 2010 ___ 2011 ___ 2012 ___

Certified Floodplain Manger (CFM): ___ Yes ___ No

Check which WAFSCM activities you are willing to participate in and provide support to the association:

- _____ Participate on standing committee/s
- _____ Stormwater Management
- _____ Floodplain Management
- _____ Coastal Management
- _____ Membership
- _____ Conference
- _____ CFM (Certified Floodplain Managers)

- _____ Website
- _____ Newsletter
- _____ Awards/Scholarships

_____ Provide support in workshops or other training events

_____ Other (explain) _____

Describe any past involvement or participation you have had in WAFSCM

How will attending this conference assist you in your present position?

Why do you want to attend this conference and what do you hope to gain by attending?

Scholarship recipients will be required to write an article for the next WAFSCM newsletter *Water Matters* about your experiences attending the conference, or another appropriate subject matter relating to floodplain, stormwater or coastal management.

Sign below to acknowledge that you have reviewed and agree to the above requirements.

Name

Date

Please send this form no later than **September 1, 2012** to:

Wisconsin Association for Floodplain, Stormwater, and Coastal Management
Roxanne Gray
c/o Wisconsin Emergency Management
2400 Wright Street, P.O. Box 7865
Madison, WI 53707-7865
Phone: 608-242-2311
E-Mail: Roxanne.gray@wisconsin.gov

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Introducing WAFSCM logowear!

Available in two colors in both women's and men's styles.

Complete shirt/logo for the low price of \$30!

Shirts can be ordered through the Online Conference Registration and picked up at the 2012 conference. A limited number of shirts will be available for purchase at the conference.



Ladies sizes **XS** through **3XL**
in Sand Dune and Navy Blue



Men's sizes **S** through **5XL**
in Sand Dune and Navy Blue

To be embroidered with our new logo:



(Background is color of shirt, white lettering on navy blue shirt, black lettering on sand dune shirt)

- Classic polo styling
- Solid body
- Matching flat knit collar with welt edge
- Hemmed sleeves
- Three-button placket
- Easy care
- 53% combed cotton/47% polyester interlock



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Making Waves! Our 10-year event.

10th Annual WASFSCM Conference

The Wisconsin Association for Floodplain, Stormwater, and Coastal Management (WAFSCM) is holding its Tenth Annual Conference on October 10-12, 2012, at the Sheraton Madison Hotel, Madison, Wisconsin. WAFSCM and ASFPM have come a long way since our first conference in 2003, so please come to the conference and help us celebrate this special anniversary. http://wi.floods.org/Annual_Conference.htm

Our celebration is taking place in Madison, our state capitol, and the Wisconsin Department of Natural Resources (WDNR) will be doing their part to educate us with an Aquatic Organism Passage workshop and an update on the latest NR 151 regulations. For the first time, we will be offering the Certified Professional in Stormwater Quality (CPSWQ) training and exam, along with the Certified Floodplain Manager (CFM) Refresher and exam. Plenary sessions, concurrent sessions, networking events, field tour, and our wonderful sponsors and vendors – what more could you ask for in a conference!

As we have had in past years, we anticipate a large and dynamic group of professionals to share their experience in floodplain, stormwater, and coastal management issues and to address our target audience, which includes local government leaders, community administrators, planning agencies, public works departments, developers, consultants, environmental groups, and state and federal agencies.

Schedule of Events and Fees

The conference starts on **Wednesday, October 10, 2012** with three workshops:

- Certified Professional in Stormwater Quality (CPSWQ) Training presented by certified trainer Jennifer Hildebrand.
- Certified Floodplain Manager (CFM) Refresher with speakers Dave Fowler and Jackie Monfils. This workshop provides basic information that will be included in the CFM exam.
- Aquatic Organism Passage (AOP) Design presented by Bobbi Jo Fisher from WDNR. This workshop is geared toward municipalities, highway departments, and engineers involved in design, permitting or inspection of culvert and bridge



Making Waves! Our 10-year event.

engineers involved in design, permitting or inspection of culvert and bridge crossings. Culvert and bridge crossings have the potential to impact fish and other aquatic organisms by limiting movement along stream corridors. The removal or modification of fish barriers can have beneficial impacts on a stream ecosystem by restoring habitat connectivity and improving fish and other aquatic species populations.

In the evening, have your first chance to meet and learn from the vendors and join us for a fun night of networking opportunities in an informal setting including light appetizers and a dinner pizza spread served from 5 pm to 7 pm, cash bar from 5 pm to 10 pm with beer or wine and free soda, and an informal game night/social event until 10 pm.

Thursday, October 11, 2012 is the main day of the conference. The event starts with a full breakfast buffet, and continues with an early morning business meeting with the WAFSCM Board, a welcome plenary session, breakout sessions, full formal lunch and awards event with motivational speaker, all breaks, closing plenary session, and door prize giveaways. Your registration also includes a 2013 WAFSCM membership.

The final conference agenda will be available in early September 2012 and will be online at that time.

On **Friday, October 12, 2012**, you can sit for the CPSWQ or CFM exam (both require pre-registration with the national organization) or we have set up a field trip to explore some water resource projects in the Madison area. First, we will learn how the UW Arboretum is addressing urban runoff and using some of its facility to research best management practices. This includes a walk through the renowned Curtis Prairie and examining the Stormwater Management Research Facility. Then, we will learn what it takes to rebuild a dam on Lake Wingra. Finally, we will review several stream restoration methods along Wingra Creek, making it a neighborhood gem and recreational hotspot.

Details of all events are provided below. Early registration is through Oct 2, 2012.

Session	Time	Early/Late Fee	Comments
CPSWQ Training CPSWQ Brochure Link	8:30 am – 4:30 pm	\$115 by September 24	Lunch – on your own
CFM Refresher Workshop	8:30 am – 3:00 pm	\$35/\$40	Lunch – on your own
Aquatic Organism Passage	12:30pm – 4:30 pm	\$45	
Reception Only	5:00 pm – 7:00 pm	\$15/\$25	Guests welcome for fee



Making Waves! Our 10-year event.

Thursday, October 11, 2012

Conference from 7:30 am – 4:30 pm including full breakfast buffet, plenary speakers, concurrent sessions, lunch, all breaks, and 2013 WAFSCM membership

Attendee Category	Early/Late Fee
2012 WAFSCM Member	\$90/\$125
Nonmember	\$110/\$145
Public Employee/Retired/Unemployed	\$55/\$85
Student	\$20/\$25
Lunch Only (Guests)	\$25/\$30*

- **Lunch availability cannot be guaranteed for late registrants.**

Friday, October 12, 2012

Session	Time	Early/Late Fee	Comments/Links
CPSWQ Exam	8:30 am – 4:30 pm	\$50	Must complete exam application process with CPSWQ. No food provided.
CFM Exam	8:30 am – 11:30	-	MUST sign-up with ASFPM
Field Tour of Arboretum, Lake Wingra, and Wingra Creek Restoration	8:00 am – 1:00 pm	\$20/\$25	Fee includes bus, water, and snacks. Guests are welcome on the tour. Maximum 25 people

Awards

WAFSCM is looking for worthy projects, teams or individuals for awards to be presented on Thursday of the conference. The award categories include Chapter Service, Local Award for Excellence, Excellence in Project Design or Implementation, and Lifetime Achievement Award. Please check out [page 5](#) for more information.

Conference Scholarships

WAFSCM is pleased to announce the availability of scholarships to attend the 2012 Conference. The scholarships will include the registration and lodging for October 10 and 11. The scholarship recipients will be responsible for their own travel and per diem costs. **Any current member of WAFSCM or non-member local government official** is eligible to apply for a scholarship to attend the 2012 conference. This is a great opportunity to interact, exchange ideas, make contacts, form partnerships and prepare for an improved and sustainable future for flood damage reduction. Please check pages 6-8 for more information and an application.



Making Waves! Our 10-year event.

Sponsors and Exhibitor

Every great conference needs wonderful sponsors and exhibitors and we are no different. We have a range of opportunities to support the conference. Details are available at http://wi.floods.org/Annual_Conference.htm or contact Cindi DeBruine at 262-317-3254 or cindi.debruine@rasmithnational.com

Registration

Online credit card registration at <http://www.regonline.com/builder/site/Default.aspx?EventID=1117241>

If you prefer to pay by check please fill out appropriate registration form on the website http://wi.floods.org/annual_conference.htm.

Registration questions should be directed to Cindi DeBruine at 262-317-3254 or cindi.debruine@rasmithnational.com

Lodging at the Sheraton Madison Hotel

A block of rooms has been reserved for WAFSCM at the Sheraton Madison Hotel, 706 John Nolan Drive, Madison, WI 53713. Rooms are available at a special rate of \$129 per night for single and double occupancy. In addition, 15 rooms are reserved at the State Employee Rate of \$70. The cut-off date for making reservations at the special rate (provided rooms are still available within the block) is September 9, 2012. To guarantee your reservation, call the Sheraton Madison Hotel at (866) 716-8103. Be sure to mention you're with WAFSCM or give Code WA109A when you call in order to receive the special rate.

- Check-in time is 3 p.m. and check-out is at noon.
- Advance deposit of one night stay is required when making individual overnight room reservation.
- All policies related to your hotel reservation should be discussed directly with the Sheraton Madison Hotel.

Additional information for the Sheraton Madison Hotel can be found at <http://www.sheratonmadison.com>.

Contacts

Sponsor/Exhibitor or Registration questions should be directed to Cindi DeBruine at 262-317-3254 or email cindi.debruine@rasmithnational.com.

Any other conference questions should be directed to Conference Chair Minal Hahn at 262-376-4246 or minal@msquaredengineering.com.

