



Wisconsin Association for Floodplain,
Stormwater, & Coastal Management

Kalahari Resort
Wisconsin Dells, Wisconsin
October 25-27, 2017

15TH ANNUAL WAFSCM CONFERENCE



General Information

Schedule of Events

WEDNESDAY, OCTOBER 25

Workshops

WinSLAMM v10.3 Training Workshop

with Dr. Robert Pitt, PhD, PE, BCEE, D.WRE

This workshop will demonstrate how the latest WinSLAMM software incorporates long-term local rain data along with soils, land use, source area, and other local watershed factors to quantify pollutant sources in complex urban watersheds.

Learn how to use WinSLAMM to:

- calculate pollutant loads and runoff volumes, the cost of stormwater control practices, and runoff volume impacts from porous pavement
- estimate the effectiveness of filter strips, rain barrels and cisterns, hydrodynamic treatment devices, stormwater media filters, and grass swale drainage systems

Robert Pitt is Cudworth Professor of Urban Water Systems at the Department of Civil, Construction and Environmental Engineering, University of Alabama. Dr. Pitt is a nationally recognized authority on the modeling, detection, and control of contaminants in urban drainage systems and has been recognized for his work on the development of new analytical methods for the rapid and sensitive detection of toxicants. He is the author of more than 100 books, journal articles, and reports and recipient of numerous honors and awards from various national engineering and environmental organizations.

Water Engineering Ethics Presentation

from the UWM School of Continuing Education.

Course Outline:

- Identify ethical priorities for water engineers

- Review general principles of code of ethics for engineers
- Identify common ethical dilemmas that occur in water engineering

The course will be taught by Ginney Plumeau. Ms. Plumeau is a registered environmental manager and senior ecologist with TRC Environmental. She has extensive experience managing projects in the Midwest. She has over 30 years of technical and leadership experience related to land use and development projects involving environmental compliance on construction sites, managing water quality protection measures, §401/404 wetland regulatory permitting, and wetland/waterway assessments.

CFM Exam

We will be hosting the CFM exam the first day of the conference to allow exam-goers a more relaxed enjoyment of the conference activities the following days. Registration for the exam is handled directly through ASFPM. You must apply to ASFPM at least two weeks in advance to take the exam. Use these application forms to apply for this exam. Submit CFM Exam related questions to <mailto:mcfm@floods.org> or call 608-828-3000.

Evening Reception

At the evening reception, you will have a chance to meet and learn from the exhibitors and join in continued networking opportunities in an informal setting over heavy appetizers (including gluten-free and vegetarian options). Appetizers and a cash bar will be provided from 4pm to 7pm. Come prepared to participate in game night, including card games ranging from poker to sheephead, following dinner which continues until 9pm.

Welcome!

The Wisconsin Association for Floodplain, Stormwater, and Coastal Management (WAFSCM) is holding its 15th Annual Conference on October 25-27 at the Kalahari Resort in the Wisconsin Dells. We're excited about this year's lineup of workshops, speakers, and field tour. Professional Development Hours (PDHs) and Continuing Education Credits (CECs) can be earned at the workshops, main conference, and tour. Scholarship opportunities are available again this year.

The first day of the conference will include the CFM exam, two workshops to choose from, a networking social hour followed by our evening reception, and our usual game night with refreshments. For the workshops, we will be offering an Engineering Ethics

Workshop and a WinSLAMM Training Workshop. Thursday will be the main conference with plenary and concurrent sessions throughout the day. Friday's tour we will lead a tour of the Kilbourn Dam and a local ecosystem restoration project site.

As always, we anticipate a dynamic group of professionals coming to share their experience in a variety of water-related issues from all sectors: local government leaders, community administrators, planning agencies, public works departments, developers, consultants, environmental groups, state and federal agencies and students.



Kilbourn Dam, Wisconsin Dells, WI

Schedule of Events

(continued)

THURSDAY, OCTOBER 26

This is the main day of the conference. The day starts with a full breakfast, including an omelet station, and an early morning business meeting with the WAFSCM Board. Following the breakfast/business meeting are: welcome plenary session, concurrent breakout sessions, lunch with awards event and plenary speaker and closing plenary session. Door prize giveaways are the last part of the regularly scheduled day. Registration for the full-day conference includes a 2018 WAFSCM membership.

FRIDAY, OCTOBER 27

Alliant Energy will lead a tour of Kilbourn Dam and a local ecosystem restoration site. Kilbourn was the first major power-generating dam built on the Wisconsin River, and it was the biggest dam west of Niagara Falls when completed in 1909. Today, the nearly 350-foot-long concrete structure remains a treasured landmark and still churns out electricity for southcentral Wisconsin. After the dam began operating, the power generated was used to run a rail line between Milwaukee and Watertown. The dam also raises water levels on the river, making some of the scenic spots amid the high sandstone cliffs accessible to tourists. The dam allows boat access into backwaters such as Coldwater Canyon and Witches Gulch.

Nearby, we'll visit an ecosystem restoration site. Manley Creek on the Merrimac Preserve is a spring-fed creek that flows from Devil's Lake State Park. Past restoration of Manley Creek included re-contouring of stream banks and installation of structures on a ½ mile stretch of Manley Creek to create brook trout habitat. Restoration work continues along the stream banks to control brush and the spread of invasive species. Most of the agricultural land has been converted from row crop production to native prairie at the Merrimac Preserve.

If time and weather conditions allow, we'll end the tour with a trip across the Wisconsin River on the Merrimac Car Ferry, before heading back to the Dells.



Lodging

Kalahari Resort

A block of rooms has been reserved for conference attendees at the Kalahari Resort, 1305 Kalahari Dr., Wisconsin Dells, WI. Rooms are available at a rate of \$129 per night for single occupancy and a rate of \$82 per night for State employees. To make your reservation, call the Kalahari Resort Wisconsin Dells (877-253-5466). Ask for Booking ID 36284 and mention you're with the 2017 WAFSCM Annual Conference. Additional information about the hotel can be found here: <https://www.kalahariresorts.com/wisconsin>.

Registration

Online credit card registration is available. See the WAFSCM website for the link at www.wafscm.org.

Registration questions should be directed to Tasha Greene at 262-542-5733 or tgreene@ruekert-mielke.com.

Fees

Fees of all events are summarized below. Early registration ends October 23.

WEDNESDAY, OCTOBER 25

Session	Time	Early/Late Fee
WinSLAMM Training Workshop	8:00 a.m. – 2:00 p.m.	\$50/\$70
Engineering Ethics Workshop	2:00 p.m. – 4:00 p.m.	\$75/\$100
Evening Reception	4:00 p.m. – 9:00 p.m.	\$30/\$40

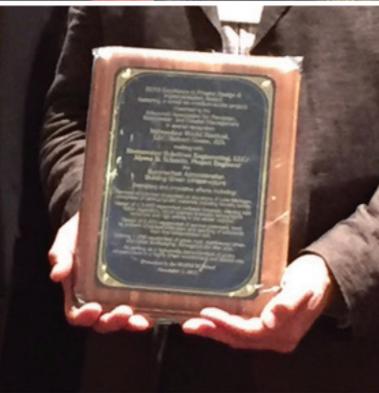
THURSDAY, OCTOBER 26

Conference from 7:30 a.m. to 5 p.m. including full breakfast, plenary speakers, breakout sessions, lunch, and 2017 WAFSCM membership.

Attendee Category	Early / Late Fee
Public Employee/ Retired/ Unemployed	\$75 / \$100
2017 WAFSCM Member	\$100 / \$125
Nonmember	\$125 / \$150
Student	\$20 / \$20
Lunch only (guests)	\$25 / \$25

FRIDAY, OCTOBER 27

Session	Time	Early/ Late Fee	Comments
Kilbourn Dam and Ecosystem Restoration Field Tour	8:45 a.m. – 1:00 p.m.	\$25/\$35	Includes bus, water, and snacks. Guests are welcome on the tour. Maximum 40 people.



Conference Scholarships

WAFSCM is pleased to announce that they have awarded scholarships for attendance at the 2017 Conference. Scholarships include conference registration and lodging for October 25th and 26th. Recipients are responsible for their own travel and per diem costs. Any current member of WAFSCM or non-member local government official was eligible to apply. Additional information is provided on the WAFSCM website.

Awards

WAFSCM accepted nominations for awards to be presented at the 2017 Conference. Members were asked to nominate deserving parties for any of the four categories below. Self-nominations were accepted for the Excellence in Project Design or Implementation award.

Award categories:

- Chapter Service Award
- Local Award for Excellence
- Excellence in Project Design or Implementation Award
- Lifetime Achievement Award.

See WAFSCM.org for additional information.

Sponsors and Exhibitors

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 on the WAFSCM website or contact **Cindi DeBruine** at 262-317-3254 or cindi.debruine@rasmithnational.com.

Contacts

Any conference questions can be directed to Conference Co-Chairs:

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 262-376-4246

WEDNESDAY, OCTOBER 25			
8:00 am – 2:00 pm	WinSLAMM Workshop		
9:00 am – 12:00 pm	CFM Exam		
2:00 pm – 4:00 pm	Engineering Ethics Workshop		
4:00 pm – 9:00 pm	Evening Reception (4:00 to 7:00 pm cash bar and appetizers provided) (7:00 to 9:00 pm game night, open to all)		
THURSDAY, OCTOBER 26			
7:30 am	Registration and Exhibits, Breakfast Buffet, and Business Meeting		
9:00 am	Opening Remarks / Plenary Session News from ASFPM Executive Director, Chad Berginnis; Legislative Update, Dave Fowler		
10:00 am	Break and Exhibits		
10:30 am	Concurrent Sessions		
	Wisconsin Room I <i>Moderator: Zijia Li</i>	Wisconsin Room II <i>Moderator: Doug Kerns</i>	Wisconsin Room III <i>Moderator: Michelle Staff</i>
	Understanding Wetlands as Solutions to Flood Rosks and Other Water Problems, Kyle Magyera	Flood Frequency Analysis Using Stochastic Storm Transportation and Rainfall Remote Sensing, Daniel Wright and Guo Yu	Intermediate UAS Technology, Ben Yahr
	Underwood Creek – Past, Present, and Future, Susan Coyle	A Comprehensive Scorecard Assessment of Wisconsin Municipal Flood Vulnerability, Haley Briel	Sterling Green Infrastructure Riverfront Revitalization, Jens Jensen
11:30 am	Lunch and Awards Plenary Speaker: Disaster Response in the Developing World, Rod Beadle, Executive Director, Engineers in Action		
1:00 pm	Concurrent Sessions		
	Wisconsin Room I <i>Moderator: Heather Schwar</i>	Wisconsin Room II <i>Moderator: Megan Bender</i>	Wisconsin Room III <i>Moderator: Lou Ann Patellaro</i>
	Abrupt Changes to Bluffs Adjacent to Coastal Structures in Lake Michigan, Nick Jordan and Chin Wu	Enhanced Storm Water Management Techniques in Sensitive Urban Environments, Neil J. Pfaff	2017 Community Rating System (CRS) Manual Update, Lou Ann Patellaro
	Lake Michigan Ravine Streams: Remarkable Habitat in Forgotten Places, Dale Buser	Salt? No Thank You. Our Permeable Pavement is Heated, Doug Buch and Matt Bednarski	
2:00 pm	Break and Exhibits		
2:30 pm	Concurrent Sessions		
	Wisconsin Room I <i>Moderator: Dave Bachhuber</i>	Wisconsin Room II <i>Moderator: Scott Allen</i>	Wisconsin Room III <i>Moderator: Julia Noordyk</i>
	Great Lakes Coastal Flood Hazard Mapping, Alan Lullof	Status of Lidar Elevation Projects in Wisconsin, Jim Giglierano	Thinking Outside the Pond: How to Make Green Infrastructure Work in Wisconsin, Julia Noordyk, Panel Discussion
	Floodplain Mapping Using 2D Models, Michael Schwar	Using ArcGIS Online and the Collector App in Adaptive Management, Megan Bender	
3:30 pm	Break and Exhibits		
3:45 pm	Closing Plenary Regional Flooding in 2017, Paul Osamn, IL DNR and Michelle Staff, WI DNR		
4:45 pm	Closing Remarks Door prizes, PDH certificates		
FRIDAY, OCTOBER 27			
8:45 am – 1:00 pm	Kilbourn Dam and Ecosystem Restoration Tour		

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