

IAFSM 2024

Rising to the Challenge

Resilience

Floodplain

Stormwater

Climate Adaptation



Annual Conference

Tuesday & Wednesday

March 12 & 13, 2024

Peoria Civic Center

201 SW Jefferson Avenue

Peoria, Illinois

Questions: Sarah Harbaugh, IAFSM Executive Secretary
iafsm@illinoisfloods.org or 630/443-8145

www.IllinoisFloods.org

2024 IAFSM Conference: Important Details!

Date: March 12th and 13th, 2024

Location: Peoria Civic Center, 201 SW Jefferson Avenue, Peoria, Illinois <https://www.peoriaciviccenter.com>

Lodging: Book a room at Courtyard Marriott Downtown for \$169.00 <https://www.marriott.com/event-reservations/reservation-link.mi?id=1686342691986&key=GRP&app=resvlink>.

Registration: Includes 2024-25 IAFSM Membership, continental breakfasts, lunches, and refreshments. Registration is still open for attendees. We will not be accepting cancellations at this time. Register online: <https://www.illinoisfloods.org/meetings/register/options/1028>.

Registration Fees	Before Feb 10th, 2024	After Feb 10 th , 2024
Registration	\$430	\$490
Full Time Student Registration* (2-Day Conference)	\$75	\$75
Full Time Student Registration* (Half-Day Sessions - No meals)	Free	Free

** Students must be enrolled in at least 6 credit hours to qualify for this rate*

Exhibitors: Join us on Tuesday, March 12th, from 8:00 A.M. through the evening social hour, as companies and organizations showcase their products and services. Discover more information in the [exhibitor flyer!](#)

Sponsors: Enhance our annual conference experience by supporting us as a sponsor or contributing a door prize! Sponsors receive well-deserved recognition in our conference announcements, materials, plenary sessions, the awards luncheon, and our newsletter! For a comprehensive overview of sponsor benefits, kindly refer to the [sponsorship flyer](#), or reach out to Sarah at IAFSM@illinoisfloods.org. We appreciate your consideration and support!

Exhibitor & Sponsor Fees	Before Feb 10th, 2024	After Feb 10 th , 2024
Exhibitor	\$800	\$900
Sponsor-Gold	\$1,500	
Sponsor-Silver	\$750	
Sponsor-Bronze	\$500	

Community Rating System (CRS) Announcement

We are pleased to announce that Scott Cofoid from ISO will be exhibiting this year. If you have any interest in CRS or have questions, we encourage you to visit Scott at his booth in the exhibitor hall. Additionally, Scott will be hosting one-on-one discussion sessions. If you wish to schedule a personalized session, please feel free to contact Scott at SCofoid@verisk.com. Scott welcomes any questions or inquiries you may have.

Conference Attendance Credits for Certified Floodplain Managers and Professional Engineers

Certified Floodplain Managers (CFMs) attending both days of the conference will receive 10 Continuing Education Credits (CECs), contributing to CFM requirements. Attendance records for the conference are automatically reported to ASFPM for Illinois CFM's only.

Professional Engineers (PE) attending the full conference will earn 12 Professional Development Hours (PDHs). Certificates can be obtained at the conference's conclusion.

Please note that credit hours are subject to final approval by ASFPM.

Interactive Mobile APP

We are excited to announce that a mobile app for the conference will be available again. Keep an eye out for more details as the conference date approaches.

Explore an exciting conference schedule filled with insightful presentations, workshops, and networking opportunities! Please note that conference sessions and presentations may undergo changes. Stay tuned for the final schedule prior to the event, and any updates will be reflected in the interactive mobile app!

Tuesday, March 12, 2024

8:00 AM Registration Opens

Exhibits & Continental Breakfast in the [West Lobby/Exhibitor Hall](#)

- Young Professionals will have “Reserved” seating for Continental Breakfast

9:00 AM Plenary Session Day 1 ([Room 400](#))

- Conference Welcome Address
- Keynote Address: *Above the Flood: A Homeowner’s Experience Elevating the First House in the National Register of Historic Places in New York State*

Speaker: Julie Nucci, PhD

Affiliation: J. Nucci Consulting, LLC

Services: Climate Resilience and Science Communication Services

10:10 AM Morning Break & Refreshments in the [West Lobby/Exhibitor Hall](#)

10:30 AM **Concurrent Session 1**

1A Funding Considerations in Floodplain Management (Room 401/402)

(Moderator: Ron Davis, CFM, IDNR/OWR)

- American Rescue Plan Act - using COVID funds to address flooding in DuPage County
- Leveraging Innovative Funding Strategies to Implement Nature-based Solutions to Reduce Flood Risk
- Mitigation, Building Codes, and the Safeguarding Tomorrow Revolving Loan Fund

1B Stormwater Management: Design, Planning & Compliance Perspectives (Room 403/404)

(Moderator: Steve Bicking PE, D.WRE, CFM, HR Green, Inc.)

- IDOT's Pump Station 38: Challenging Design, Challenging Coordination 19
- Champaign's 20-year Stormwater Journey: Copper Slough Watershed Master Plan to Garden Hills and Beyond
- From Blueprint to Permit: Stormwater Compliance in Primrose Farm Expansion

1C Updates in Technology & Mapping (Room 407/408)

(Moderator: Julie Lomax, PE, CFM, Village of Downers Grove)

- Mapping the Wabash River Floodplain: Whence This Historic Valley?
- IllinoisFloodMaps.org – New and Improved!
- Recent Updates to Illinois StreamStats

1D Tech, Turf, & Data: Advanced Sustainable Landscapes and Outreach (Room 405/406)

(Moderator: Mary Richardson, CFM, ISWS)

- Urgent flood response in Dearborn: A pilot on technology and public engagement
- Data-driven Resident Flood Communication & Outreach
- Geosynthetic Turf Reinforcement: Mitigation of Channel Erosion from Hydraulic Stresses

Noon Lunch ([Room 400](#))

1:30 PM **Concurrent Session 2**

2A Tools for Floodplain Management (Room 401/402)

(Moderator: Erin Conley, CFM, IDNR/OWR)

- Substantial Damage Estimator & RAFT Training (1 hour session)
- Why is a Local Floodway Permit Always Required

Tuesday, March 12, 2024, continued

1:30 PM **Concurrent Session 2**

2B Stormwater Solutions for Water Quality (Room 403/404)

(Moderator: Laura Pellizzari, PE, CFM, HR Green, Inc.)

- A New Generation of Regeneration: Innovative End-of-Pipe Stormwater Control Measures
- Internal Phosphorus Loading in Lakes and Ponds: What is it and how do we manage it?
- Fox River Implementation Plan: Roadmap for Improved Water Quality in the Fox River

2C Waterwise Strategies: Stormwater Resilience and Flood Mitigation (Room 407/408)

(Moderator: Dallas Alley, CFM, City of Fairview Heights)

- Treating Wilmes Lake, One Dose at a Time
- Stormwater Master Planning Case Study: City of Glendale, MO
- Maintaining the Momentum: From Planning to Action to Achieve Resilience

2D Perspectives in Hydrology, Hydraulics, and Modeling (Room 405/406)

(Moderator: Sarah Hunn, PE, CFM, DuPage County)

- Hydrology in the Weeds
- Hydraulics in the Watershed
- Green Infrastructure – Getting into the Nitty Gritty for modeling and design

3:00 PM Afternoon Break & Refreshments in the **West Lobby/Exhibitor Hall**

3:20 PM **Concurrent Session 3**

3A Floodplain Management: Solutions for Erosion & Flooding (Room 401/402)

(Moderator: Dawn Cosentino, PE, CFM, ISWS)

- How Constructability of Boneyard Creek Impacted Project Cost
- Knollwood Subdivision Flood Mitigation - Raise the Road!
- Stream Relocation of Unnamed Tributary to the Kankakee River

3B Stormwater Management: Approaches to Urban Flooding (Room 403/404)

(Moderator: Mark Hoskins, PE, CFM, IDNR/OWR)

- Flood Reduction Benefits-Concepts to Construction in the Village of Libertyville
- Big Detention in the Little ROW
- Providing Holistic Flooding Solutions in Urban Areas

3C Mapping & Modeling: Insights & Techniques (Room 407/408)

(Moderator: Addison Jobe, PE, CFM, ISWS)

- Transportation resilience for northeastern Illinois
- Hydraulic Modeling for the Three Rivers HC145 Structure
- Building a Stormwater Digital Twin for Kane County

3D Community Engagement & Organizing (Room 405/406)

(Moderator: Gregory Byard, PE, CFM, ISWS)

- How to Create Community-Led Projects: An Overview of Jemez Principles of Democratic Organizing
- NFIP Outreach
- Know your ABC's: IFCJN & IAFSM DEIJ

4:45-6:45 PM Conference Social Get-Together in the **West Lobby/Exhibitor Hall**

6:45 PM Young Professionals Social Hour - *Location TBD*

Wednesday, March 13, 2024

- 7:30 AM IAFSM Board Meeting (**Room 401/402**)
Registration & Continental Breakfast in the **West Lobby**
- Young Professionals will have “Reserved” seating for Continental Breakfast
- 9:00 AM Plenary Session Day 2 in **Room 400**
- Opening Remarks
 - Keynote Address: *Are You Ready for the Coming Wave of Retrofit Flood Mitigation Projects?*
Speaker: Roderick Scott, CFM
Affiliation: Flood Mitigation Solutions
Services: Offering comprehensive flood hazard mitigation services, including vulnerability studies, building assessments, and grant application development.
- 10:10 AM Morning Break & Refreshments in **West Lobby**
- 10:30 AM **Concurrent Session 4**
- 4A Floodplain Management Compliance (Room 401/402)**
(Moderator: Jenny Lowenstein, PE, CFM, Contigo Engineering, LLC)
- Floodplain Administration and Permitting Basics
 - New Elevation Certifications, LOMAs and LOMR-Fs
 - State of Illinois State Owned Properties and the NFIP
- 4B Stormwater Management: Mitigation in Urban Areas (Room 403/404)**
(Moderator: Jennifer Maercklein, PE, CFM, V3 Companies)
- Ten Years, Two Floods, and Many Obstacles to Flood Protection in Chicago
 - Billions of Gallons for Climate Resiliency: Site Selection for MWRD Flood Storage Project
 - Flood Control Improvements Case Study, MWRD/Crestwood
- 4C Mapping & Technology Enhancements (Room 407/408)**
(Moderator: Julie Lomax, PE, CFM, Village of Downers Grove)
- Flood Risk Data for Land Use Decisions: A Closer Look at FEMA's Risk MAP data
 - The Happy Marriage between Engineering and GIS
 - Pulling Zone A data into GIS for BFEs
- 4D Interagency Collaboration & Coordination (Room 405/406)**
(Moderator: Brian Chaille, PE, CFM, ISWS)
- Flood Insurance Through the NFIP: An Overview of Flood Insurance and Lessons Learned
 - Cook County American Rescue Plan Act Stormwater Management Project
 - What is a USACE Project Partnership Agreement (PPA) and does it need to be reformed?
- Noon Celebrating Excellence: IAFSM Annual Awards Luncheon (**Room 400**)
Vendor Door Prize Giveaway Extravaganza! (**Room 400**)
- 1:30 PM **Concurrent Session 5**
- 5A State Regulations & Floodplain Mapping (Room 401/402)**
(Moderator: Marilyn Sucoe, PE, CFM, IDNR/OWR)
- Raindrops Keep Falling on our Heads State of Illinois IDNR Office of Water Resources (OWR) Floodplain Mapping Overview (1 hour session)
 - Lessons Learned in LOMRs: Case Studies in Floodplain Mapping and Permitting

Wednesday, March 13, 2024, continued

1:30 PM **Concurrent Session 5**

5B Nature-Based Solutions in Stormwater Management (Room 403/404)

(Moderator: Sarah Wenzel, PE, CFM, Baxter & Woodman)

- Scaling-up Green Stormwater Infrastructure in Underserved Communities Across the Greater Chicago Region
- River Trail School Agricultural Program: Urban Forest & Stormwater Management
- Stanley Center for Peace & Security High Performance Water & Stormwater System

5C Nature-Based Solutions and Compliance (Room 407/408)

(Moderator: Tom Kehoe, Christopher B. Burke Engineering, Ltd.)

- Successful Wetland Mitigation through a Public-Private Partnership in Kane County
- A Case Study on the Stormwater Benefits of Wetland and Natural Area Restoration in an Urban Landscape
- Exploring the Clean Water Act: Understanding, Implementing & Budgeting for Regulation in Construction Site Design and Implementation

5D Legislation & Policies for Floodplain Management (Room 405/406)

(Moderator: Kay Whitlock, PE, D.WRE, F.ASCE, Christopher B. Burke Engineering, Ltd.)

- IAFSM Legislation Committee Workshop Part I
- IAFSM Legislation Committee Workshop Part II
- Coal Tar Sealant - To ban or not to ban?

3:00 PM The Conference Concludes

