



Annual Conference

Tuesday & Wednesday

March 12 & 13, 2024

Peoria Civic Center
201 SW Jefferson Avenue
Peoria, Illinois

Questions: Sarah Harbaugh, IAFSM Executive Secretary
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www.IllinoisFloods.org

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)
- American Rescue Plan Act - using COVID funds to address flooding in DuPage County
 - TBD
 - 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)
- 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)
- Mapping the Wabash River Floodplain: Whence This Historic Valley?
 - IllinoisFloodMaps.org – New and Improved!
 - Recent Updates to Illinois StreamStats
- 1D Data-Driven Risk Communication & Outreach (Room 405/406)**
(Moderator: Mary Richardson, CFM)
- Urgent flood response in Dearborn: A pilot on technology and public engagement
 - Data-driven Resident Flood Communication & Outreach
 - TBD
- Noon Lunch (**Room 400**)
- 1:30 PM **Concurrent Session 2**
- 2A Tools for Floodplain Management (Room 401/402)**
(Moderator: Erin Conley, CFM)
- Substantial Damage Estimator & RAFT Training Part I
 - Substantial Damage Estimator & Raft Training Part II
 - Why is a Local Floodway Permit Always Required

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1:30 PM **Concurrent Session 2**

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

(Moderator: Logan Gilbertson, PE, CFM)

- 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 Comprehensive Planning for Stormwater & Natural Hazards (Room 407/408)

(Moderator: Dallas Alley, CFM)

- Natural Hazard Mitigation Planning for Community Organizers: A Workshop Demonstration
- Stormwater Master Planning Case Study: City of Glendale, MO
- Maintaining the Momentum: From Planning to Action to Achieve Resilience

2D Equity & Justice Considerations for Building Inclusive Futures (Room 405/406)

(Moderator: Sarah Hunn, PE, CFM)

- In the Eye of the Storm: A People's Guide to Transforming Crisis & Advancing Equity in the Disaster Continuum
- Designing Flood Mitigation Projects for Equitable Outcomes: Applying lessons learned from history.
- Know your ABC's: IFCJN & IAFSM DEIJ

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)

- 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)

- 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)

- 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)

- How to Create Community-Led Projects: An Overview of Jemez Principles of Democratic Organizing
- NFIP Outreach
- Rise Challenge

5:00-6:30 PM Conference Social Get-Together in the **West Lobby/Exhibitor Hall**

6:35 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)
- Floodplain Administration and Permitting Basics
 - State of Illinois State Owned Properties and the NFIP
 - New Elevation Certifications, LOMAs and LOMR-Fs
- 4B Stormwater Management: Mitigation in Urban Areas (Room 403/404)**
(Moderator: Jennifer Maercklein, PE, CFM)
- 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)
- Flood Risk Data for Land Use Decisions: A Closer Look at FEMA's Risk MAP data
 - The Happy Marriage between Engineering and GIS
 - TBD
- 4D Interagency Collaboration & Coordination (Room 405/406)**
(Moderator: Brian Chaille, PE, CFM)
- Expanding Flood Insurance Adoption Outside the Special Flood Hazard Area
 - TBD
 - 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)
- Raindrops Keep Falling on our Heads State of Illinois IDNR Office of Water Resources (OWR) Floodplain Mapping Overview-I
 - Raindrops Keep Falling on our Heads State of Illinois IDNR Office of Water Resources (OWR) Floodplain Mapping Overview-II
 - Lessons Learned in LOMRs: Case Studies in Floodplain Mapping and Permitting

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1:30 PM **Concurrent Session 5**

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

(Moderator: Sarah Wenzel, PE, CFM)

- 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)

- 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)

- 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

