

Wednesday, March 10, 2021

- 8:00 am Registration
Exhibits and continental breakfast - Exhibitor hall
- 9:00 am **Plenary Session**
- Welcome
 - OWR Update, Loren Wobig, IDNR/OWR
 - ISWS/CHAMP Update, Sally McConckey, ISWS
- 10:10 am Break - Exhibitor Hall
- 10:30 am **Concurrent Session 1**
- 1A MS4**
- ❖ Use of Watershed Modeling to Support Watershed-Based Planning and Inform Management Decisions
 - Karoline Qasem, Ph.D., E.I.T., Geosyntec Consultants
 - Rishab Mahajan, Geosyntec Consultants
 - Kelsey Pudlock, Chicago Metropolitan Agency for Planning (CMAP)
 - Holly Hudson, Chicago Metropolitan Agency for Planning (CMAP)
 - ❖ North Mill Creek Channel Restoration
 - Derrick Martin, V3 Companies & Lake County Forest Preserve District
 - ❖ Successes and Setbacks: Naturalized Stormwater Basins
 - Tim Pollowy, Hey and Associates, Inc.
- 1B Urban Flooding**
- ❖ Redmond Reservoir Expansion - A Regional Solution to Localized Flooding
 - Marty Michalisko, CFM, PE, Engineering Resource Associates
 - Mehul Patel, Village of Bensenville
 - Jamie Lock, DuPage County
 - ❖ Placemaking Infrastructure: Mundelein's Downtown Stormwater Story (1 hour presentation)
 - Ajay Jain, PE, CFM, HR Green, Inc.
 - Amanda Orenchuk, AICP, Village of Mundelein
 - Daniel Grove, PLA, AICP, LEED, Kimley-Horn and Associates, Inc.
- 1C Regulatory and Mapping**
- ❖ Oh no, not again, or, Watershed Study Dos and Don'ts
 - Liana M. Winsauer, PE, IDNR/OWR
 - ❖ The Industry Progression to 2D Hydraulic Modeling and the Requisite Regulatory Response
 - Garrett Litteken, PE, CFM, Hanson Professional Services, Inc.
 - Anthony Comerio, PE, CFM, Hanson Professional Services, Inc.
 - ❖ Cache River Valley 2D Floodplain Analysis
 - Chris Hanstad, PE, CFM, Illinois State Water Survey
- 12:00 pm Lunch

1:30 pm

Concurrent Session 2

2A Bank Stabilization

- ❖ Bank Stabilization in Confined Residential Neighborhood
 - Chris Hanchett, PE, CFM, CPESC, V3 Companies
- ❖ Monitoring Streams for Instabilities to Prevent Emergency Situations
 - Emily Jenkins, Farnsworth Group
- ❖ Woods Creek Stabilization and Riparian Area Restoration – Lake in the Hills, IL
 - Logan Gilbertsen, PE, CFM, HR Green, Inc.

2B Urban Flooding

- ❖ Rising Tide: Great Lakes Coastal Resiliency Case Studies and Science
 - Emily Campbell, PE, CFM, Geosyntec Consultants
 - Alex Sitar, EIT, Geosyntec Consultants
 - Brian Valleskey, CFM, CLP, Geosyntec Consultants
- ❖ Urban Flood Mitigation: Wilmette Neighborhood Storage Case Study
 - Matt Moffitt, PE, CFM, Baxter & Woodman, Inc.
 - Darren Olson, PE, CFM, D.WRE, Christopher B. Burke Engineering, Ltd.
- ❖ 63rd Street Drainage Improvements
 - Derrick Martin, V3 Companies & Village of Woodridge

2C Legislative

- ❖ Why and How to Build a Relationship with your Legislator(s) (1 ½ hour session) ([Live Webconference](#))
 - P. Kay Whitlock, PE, D.WRE, F.ASCE, Christopher B. Burke Engineering, Ltd.
 - Invited members and past members of the Illinois General Assembly

2D Vendor

- ❖ Floodplain Design, Construction, and Impacts on Flood Insurance
 - Bryan Christopherson, CFM, LIA, Floodproofing.com

3:00 pm

Break - Exhibitor Hall

3:20 pm

Concurrent Session 3

3A

- ❖ Using Pre-vegetated Blanket to Achieve Instant Results
 - Robert Livingston, GreenLine Synergy
- ❖ LID and the Soil Conundrum
 - Aaron Ganson, PE, ADS
- ❖ DuPage County Water Quality Improvement Program: Funding Projects and Educating Residents
 - Mary Beth Falsey, DuPage County Stormwater Management

3B Case Studies

- ❖ Heritage Park: Regional Drainage Improvements in Homer Glen, IL
 - Logan Gilbertsen, PE, CFM, HR Green, Inc.
- ❖ Dam Breach Analysis and Geotechnical Investigation for a Class II Hazard Potential Dam
 - Ranjita Tiwari, Geosyntec Consultants
 - Emily Campbell, PE, CFM, Geosyntec Consultants
 - Lucas Carr, PE, Geosyntec Consultants

- ❖ Multi-Use Flood Conveyance, Storage, Wetlands, and Recreation Improvements Along the East Branch of the DuPage River
 - Derrick Martin, V3 Companies & Elmhurst Chicago Stone Company
 - Stuart Dykstra, V3 Companies & Elmhurst Chicago Stone Company

3C MWRD

- ❖ Buffalo Creek Reservoir Expansion
 - Tim Pollowy, Hey and Associates, Inc.
 - Justin Kirk, PE, CFM, MWRD
- ❖ 2021 Update: MWRD Stormwater Master Planning: Partnering for Resilient Communities (1 hour presentation)
 - Jennifer Maercklein, PE, CFM, V3 Companies
 - Matt Bardol, PE, CFM, CPESC, D.WRE, Geosyntec Consultants, Inc.
 - Richard Fisher, PE, CFM, MWRDGC
 - Jack T.P. Chan, PhD, PE, MWRDGC

3D RAFT/SDE

- ❖ (1 ½ hour session) ([Live Webconference](#))
 - TBD

4:50 -6:30 pm Social Hour - Exhibitor Hall

Thursday, March 11, 2021

- 7:30 am IAFSM Board Meeting
Registration & Continental Breakfast
- 9:00 am **Plenary Session**
- Illinois Marine Transportation Plan, B.J. Murray, IDOT
 - 2020 Illinois River Navigation Lock Rehabilitations, Thomas Heinold, USACE-Rock Island District
- 10:10 am Break
- 10:30 am **Concurrent Session 4**
- 4A CRS/RR 2.0**
- ❖ Community Rating System - New for 2021
 - ??, CFM, Insurance Services Offices (ISO) – Community Rating System (CRS)
 - ❖ The Evolution of Flood Insurance: A Look at Private Flood Insurance and the NFIP's Risk Rating 2.0 (1 hour session)
 - Bruce A. Bender, CFM, Bender Consulting Services, Inc.
 - Tony Hake, Federal Insurance and Mitigation Administration
- 4B 2D Case Studies**
- ❖ White River Bank Stabilization - 2D Hydraulic Modeling of Bendway Weirs
 - Nabil Ghalayini, PE, D.WRE, CFM, PMP, WSP USA, Inc.
 - ❖ Utilizing HEC-RAS 2-D for Preliminary Cost Estimates
 - Steven Brown, PE, CFM, Hanson Professional Services, Inc.

- ❖ Floodproofing Solar Infrastructure - Risk Mitigation in the Face of Climate Change
 - Melissa Duyar, PE, CFM, Kimley-Horn and Associates, Inc.

4C Young Professionals

- ❖ What I wish I knew 3 years ago: Playing to your strengths as a new engineer
 - Sarah Wenzel, Prairie Engineers
- ❖ IAFSM Young Professionals Panel (1 hour session) ([Live Webconference](#))
 - Adam Blumstein, PE, CFM, ENV SP, Burns & McDonnell
 - TBD

4D

- ❖ Nutrient Retention in Ecologically Functional Floodplains: A Review
 - Olivia Dorothy, CFM, American Rivers
- ❖ Anticipating and Adapting to Riverine Flooding at a Construction Site
 - Joel Conzelmann, EIT, Geosyntec Consultants
 - Neil Couch, PG, Geosyntec Consultants
 - Rick Skowron, Geosyntec Consultants
- ❖ Illinois Public Works Mutual Aid Network (IPWMAN)
 - TBD

12:00 pm

Lunch

- Awards Luncheon

1:30 pm

Concurrent Session 5

5A Mitigation

- ❖ OWR mitigation program
 - Ron Davis, CFM, IDNR/OWR
- ❖ Village of Shorewood, Loss Avoidance Study: 24 years and 17 floods later
 - Lisa Graff GISP, CFM, Prairie Research Institute – Illinois State Water Survey
 - Rebecca Leitschuh, AICP, Prairie Research Institute – Illinois State Water Survey
- ❖ Update of Silver Jackets Floodprone Structure Inventories and the SAFR Web Mapping Application
 - Terra McParland, PE, IDNR/OWR
 - Lisa Graff, GISP, CFM, Illinois State Water Survey

5B Urban Flooding

- ❖ Elk Grove Village's Rear Yard Drainage Program
 - Corey Van Dyk, PE, CFM, Baxter & Woodman, Inc.
- ❖ Bulletin 75 impacts on O'Hare Designs
 - Jeff Julkowski, PE, CFM, Christopher B. Burke Engineering, Ltd.
 - Carolina Martinez-Gutierrez, Chicago Department of Aviation-Design & GIS
- ❖ Caught Between a Lake and a Hard Place: Solutions to Preventing Erosion on Lake Michigan's Shoreline
 - Charlotte Carlton, SmithGroup
 - Kathryn Ganas, SmithGroup
 - Sarah White, Chicago Park District

- Stefanie Levine, PLA, City of Evanston

5C Planning

- ❖ Illinois State Water Plan
 - Loren Wobig, PE, CFM, Office of Water Resources
 - Wes Cattoor, PE, CFM, IDNR/OWR
- ❖ Naperville Flood Warning Booklets
 - Christopher C. Vonnahme, PE, CFM, DuPage County Stormwater Management Department
- ❖ Watershed-based Planning: A stakeholder driven process for improving and protecting the health of watersheds
 - Kelsey Pudlock, Chicago Metropolitan Agency for Planning
 - Holly Hudson, Chicago Metropolitan Agency for Planning

3:00 pm

Adjourn

