



SEVENTEENTH ANNUAL MEETING

ROCHESTER, NEW YORK | APRIL 23-25, 2018

NEW YORK STATE
Floodplain and Stormwater
Managers Association





Your State Association Meeting continues to grow! As part of the 2018 three day conference, participants will have the opportunity to take the Certified Floodplain Manager's (CFM) exam; partner with the American Planning Association in a roundtable on floodplain resiliency, select from one of **two** afternoon bus tours of sites of interest regarding floodplains, storm water management, and historic preservation; discuss the Community Rating System with colleagues in a special session; submit and view topical posters from college and university students; and attend nearly **30** presentations, workshops, and addresses to attendees in **four** full tracks, all while earning professional credit!

The New York State Floodplain and Stormwater Managers Association (NYSFSMA) is a professional organization dedicated to promoting floodplain and stormwater management practices that reduce flood damages and protect water quality. Our annual meeting is an opportunity for members, students, community officials, and other professionals to network and exchange ideas while acquiring updated knowledge and tools to promote sound floodplain and stormwater management throughout New York State and beyond.

We encourage all association members, interested professionals, community officials, and the public to attend this important meeting. Please complete the registration form and transmit it with payment to the address on the form. Questions may be directed to William Nechamen at billnechamen@gmail.com or **518-707-6516**. Annual Meeting hotel information is provided below.

- Continuing Education Credits for Certified Floodplain Managers:
Six credits per full day or three credits per half day workshop.
- Applications for Professional Engineer PDH's credits are pending and are anticipated for workshops.
- Code enforcement official credits are available for several courses offered.

Please contact us for specific details of creditable classes.
(Please note that speakers, subjects, and schedule of conference are subject to change.)

Students!

To encourage participation by the next generation of floodplain professionals, full-time students will be admitted to all meeting sessions of the NYSFSMA conference for

50% OFF*

This admission will offer to full-time students access to all ON-SITE meetings, workshops, lunch, and breaks during the conference (except CFM Exam). Please see the registration form for more information.

*Must provide valid Student ID at time of registration the full conference fee

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2018 Meeting Location

Rochester Riverside Hotel
120 East Main Street
Rochester, New York 14604

Hotel Reservations:
585-546-6400
rochesterriversidehotel.com

Room Block Information

A block of rooms has been reserved for this conference. Those attendees **eligible** for the Government Per Diem Rate of \$106 per night, may go to the hotel's website at rochesterriversidehotel.com and use booking code **180422GOVE** or by phone above (mention "Floodplains") and ask for the government rate. Your government ID will be required at check-in.

If you are **not eligible** for the government rate, our block of rooms will be available for \$119 per night. Non-government rate rooms may be booked at rochesterriversidehotel.com and use booking code **180422FLOO** or by phone above and mention "Floodplains".

Attendees will make their own lodging arrangements and please note that the room block is guaranteed only until **MARCH 22, 2018**, so please make your room reservations early!

Directions:

Driving:

From East: *Follow I-90 (NYS Thruway) to I-490 west. At Exit 16 follow South Clinton Avenue to East Main Street. Turn left onto Main. Hotel will be about one block on right.*



From West: *Follow I-90 (NYS Thruway) to I-490 east. At Exit 13 (Allen Street), turn right onto Plymouth Avenue. At West Main Street, turn left. Follow Main Street, hotel will be on left immediately past the river.*

From South: *Follow I-390 north to I-590 north (Exit 15) to I-490 west (Exit 5). At Exit 16 follow South Clinton Avenue to East Main Street. Turn left onto Main. Hotel will be about one block on right....*



Parking: The hotel offers parking in a covered garage for \$4.00 (plus tax) per day.



Traveling by air: Rochester International Airport is located approximately five miles from the hotel and served by Air Canada, Allegiant Air, American, Delta, JetBlue, Southwest, and United Airlines and has direct (non-stop) connections with Baltimore, Washington, New York, Chicago, Boston, Tampa, Orlando, Toronto, and several other cities.



Traveling by rail: Rochester's  station is located ½ mile from the hotel and is served by four trains a day each way from Buffalo and New York/Albany.

New This Year!!

STUDENT POSTER COMPETITION

Posters allow students to present their research, designs, or tools with professionals in floodplain and stormwater management. Topics can include floodplain mapping, drainage improvements, flood mitigation, flood insurance, warning and emergency services, regulatory tools, resiliency planning, incentives/barriers to action, and public information and awareness.

Posters will be on display in the main reception area from
8:30 AM to 3:30 PM on Wednesday, April 25.

(Students are also invited join us, if available, at the **Evening Social** on Tuesday, April 24 to display and discuss their work from 6:00 to 9:30 PM.)

Students must be available to accompany their posters on Wednesday, April 25. Posters will be judged by conference participants and the winning poster will be given formal recognition during the NYSFSMA lunch banquet on April 25.

The student with the winning poster will receive a cash prize of **\$200**.

Two runners-up will also be given recognition.

Important Dates & Information:

Register online at **nyfloods.org** and submit an abstract to Jayme Thomann at jbreschard@gflrpc.org. Abstracts should be no longer than 250 words.

Abstract Submission Deadline: **February 23, 2018**

Notification of Acceptance: March 23, 2018

Set-up and Presentation of Poster: April 25, 2018 - 8:30 AM to 3:30 PM

Students submitting a poster receive a reduced conference fee of \$40, which entitles participation in the Tuesday Evening Social and all of Wednesday's activities.

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Agenda Overview

Monday, April 23

8:00 AM - 9:00 AM Registration – Mezzanine

9:00 AM - 4:00 PM Carlson (C) Room – **The NFIP, An Overview** - Jen Marcy, CFM, Atkins.
Lunch is included.

(While coffee will be provided, please be sure to grab your own breakfast prior to the class!)

1:00 PM - 4:00 PM Douglass (D) Room - **New York State CRS Users Group Meeting**



Facilitated by Janet Thigpen, CFM - Southern Tier Central Regional Planning and Development Board

This meeting will provide a format for sharing information and experiences related to the Community Rating System (CRS) program.

(FREE AND OPEN TO ALL).



1:00 PM – 4:00 PM **BUS TOUR** - Lake Ontario Shoreline

Hosted by Town of Greece and the Nature Conservancy

5:00 PM – 7:00 PM Douglass (D) Room - NYSFSMA Board of Directors Annual Meeting and Conference Preparation. *All NYSFSMA Members and conference guests are invited to attend.*

7:00 PM – 8:00 PM Carlson (C) Room - *Planning for Floodplain Resiliency: A Community Roundtable.* Join with members of the Upstate New York Chapter of the American Planning Association and NYSFSMA to learn about how stormwater and floodplain managers can work with planners to integrate hazard mitigation into planning efforts and share experiences with managing floodplain development, post-disaster recovery, and building resilient infrastructure.

(FREE AND OPEN TO ALL).



7:00 PM - ???

Please join us, *(at your own cost)*, for an informal dinner with your NYSFSMA colleagues in downtown Rochester (*Location to be determined*)

Tuesday, April 24

Morning Sessions



8:00 AM - 9:00 AM Registration and Continental Breakfast – Mezzanine/Riverview Ballroom

Concurrent Workshops. **Select only one!**

9:00 AM - 12:00 PM Bausch (B) Room – **Incident Command System (ICS) Training** – Richard French - New York State Department of Homeland Security and Emergency Services

9:00 AM – 12:00 PM Carlson (C) Room – **Flood Resiliency & Hardening: Techniques for Smart Growth** – Shaun Gannon & Paul Romano – O'Brien & Gere

9:00 AM - 12:00 PM Douglass (D) Room – **Local Land Use Strategies for Reducing Flood Risk** – Janet Thigpen - Southern Tier Central Regional Planning and Development Board & Jayme Breschard Thomann - Genesee/Finger Lakes Regional Planning Council

Afternoon Sessions

12:00 PM - 1:30 PM **EXHIBITOR HOUR - PLEASE VISIT YOUR CONFERENCE SPONSERS**

12:00 PM - 1:00 PM Riverview Ballroom - Lunch for CFM Exam Participants and for Workshop participants not on Bus Tour.

Concurrent Activities **Select only one!**



12:30 PM - 5:00 PM Bus Tour – **Letchworth State Park and other Points of Interest** (Included box lunch and bus loading will be in the lobby)

1:30 PM - 4:30 PM Bausch (B) Room – **Disaster Preparedness for Building Code/ Floodplain Officials** - Colleen Flynn, CFM, Schoharie County Office of Emergency Services

1:30 PM - 4:30 PM Carlson (C) Room - **Certified Floodplain Manager (CFM) Exam** Registration and separate payment through Association of State Floodplain Managers (note, there is no student discount on CFM exam) - www.floods.org

1:30 PM - 4:30 PM Douglass (D) Room – **Benefit Cost Analyst Workshop** – Joseph Pultorak, FEMA Region II

Evening Activity

5:15 PM – 6:00 PM NYSFSMA Annual Meeting

6:00 PM – 9:30 PM Student Poster Contest Exhibit Begins

6:00 PM – 7:15 PM **EXHIBITOR HOUR - PLEASE VISIT YOUR CONFERENCE SPONSERS**

7:15 PM - 9:30 PM Complimentary Evening Social with exhibitors in the Ballroom Foyer.

SPONSORED BY:



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Wednesday, April 25 – MORNING PLENARY SESSIONS



- 8:00 AM - 9:00 AM Registration and Continental Breakfast – Mezzanine/Riverview Ballroom
- 8:30 AM – 3:15 PM Student Poster Contest Viewing and Discussion
- 9:00 AM - 9:05 AM Welcome – Grand Ballroom (A & B)
- 9:05 AM – 9:15 AM **Opening Remarks**
The Honorable Cheryl Dinolfo, Monroe County Executive
- 9:15 AM - 9:45 AM ***New York Statewide Elevation Program Update***
Jeffrey Langella, New York State Office of Information Technology Services, GIS Program Office
- 9:45 AM - 10:15 AM ***Flood Vulnerability Assessments for Everyone: Considering Flood Resilience for All Development Experiencing Extreme Precipitation in a Changing Climate***
David M. Leone, CFM, & Sam Bell - GZA GeoEnvironmental Inc.
- 10:15 AM - 10:30 AM BREAK
- 10:30 AM - 11:00 AM ***Strategies to Improve the Success of Relocation from Flood Risk Zones in the Susquehanna Watershed***
Jamie Vanucchi, Cornell University
- 11:00 AM – 11:30 AM ***Being a Flood Plain Manager is More Than Just Having a Title***
Scott A. Kemins - Building Commissioner, City of Long Beach
- 11:30 AM - 12:00 PM ***Data Driven Hurricane Irma and Maria Recovery***
Andrew Martin, CFM, Michael DePue, CFM, & Vikram Shrivastava, CFM
- 12:00 PM – 12:15 PM Student Poster Contest Award Recognition

12:15 PM - 1:00 PM LUNCH — Riverview Ballroom
Keynote Speaker
Local Politics and Flood Mapping: Implications for Climate Change Adaption
Sarah Pralle – Syracuse University

1:00 PM – 2:00 PM **EXHIBITOR HOUR...**
LAST CHANCE TO VISIT YOUR CONFERENCE SPONSOR

Wednesday, April 25 – AFTERNOON BREAKOUT SESSIONS

Coastal Storms & Impacts on Riverine Systems - Carlson (C) Room

2:00 PM – 2:30 PM

A Rapid Assessment of Dam Inventory – Lessons Learned from Two Category 4 Hurricanes Impacting Puerto Rico - Shudipto Rahman, FEMA Region II & Curtis Smith - Stantec

2:30 PM – 3:00 PM

Estimating Impacts of Storm Surge on Inland Flooding Along Rivers Using HEC-RAS 2D

Srikanth Koka, Jeff Gangai, & Mathini Sreetharan – Dewberry & Alan Springett – FEMA Region 2

H&H Modelling and Data - Douglass (D) Room

2:00 PM – 2:30 PM

The Hydraulics of Drop Structures and Section 408 Permitting - Wayne Gannett, CFM & Krista Greer, CFM - Bergmann Associates

2:30 PM – 3:00 PM

Clouds and Bare Earth: A Comparison of LIDAR Point Cloud Data and the Derived Bare Earth DEMs - Tim Ruhren - NYS Office of Information Technology Service

Historic Preservation – Eastman (E) Room

2:00 PM – 2:30 PM

Community Resilience and Historic Resource Preservation – Preserving Quality of Life in Connecticut - Scott R. Choquette, CFM - Dewberry

2:30 PM – 3:00 PM

Promenade at Erie Harbor – Bringing the Public Closer to Rochester’s Historic Water Infrastructure - Krista Greer, CFM & Joe Vankerkhove - Bergmann Associates

Flood Control & Floodproofing – F & G Room

2:00 PM – 2:30 PM

Considerations for Wet and Dry Floodproofing - Brendan Kane, CFM - SmartVent

2:30 PM – 3:00 PM

Assessing and Reducing Flood Risk along Rochester Creek, Ulster County – Mark Carabetta, CFM – Milone & Macbroom

15 MINUTE BREAK

Wednesday, April 25 – AFTERNOON BREAKOUT SESSIONS *(continued)*

Floodplain Management – Carlson (C) Room

3:15 PM – 3:45 PM

FEMA/NYSDEC Collaborations in support of Communities managing Substantial Improvement & Substantial Damage under the NFIP - Scott Duell, FEMA II & Alan Fuchs, NYSDEC

3:45 PM – 4:15 PM

Floodplain Management in a Digital World - David Sherman & Tom Blanchard - NYSDEC

4:15 PM – 4:45 PM

Regional CRS Activities – Earning Points for Multiple Jurisdictions - Tony Subbio, CFM - Tetra Tech

Hazard Mitigation Success Stories and Challenges - Douglass (D) Room

3:15 PM – 3:45 PM

Mount Tremper: Life in the Floodway – Trials, Tribulation and Finally Mitigation - Aaron Bennett, CFM
- Ulster County Department of the Environment

3:45 PM – 4:15 PM

Largescale Acquisitions in Floodplain Management & Associated Ecosystem Services - Julia Chen, John Bucher, Jarred White, & Olga Gorbunova - Stantec

4:15 PM – 4:45 PM

Flood Resiliency in an Urban Setting – Flood Mitigation Measures in Rye, New York - Brian Platt & Piotr Domaszczynski – O'Brien & Gere & Peter Johantgen – Dormitory Authority of the State of New York

Stormwater Management - Eastman (E) Room

3:15 PM – 3:45 PM

Monroe County's Hydrologic Monitoring Program - Andrew Sansone – Monroe County

3:45 PM – 4:15 PM

A Collaborative Approach for Development of the City of Rochester and Monroe County Green Infrastructure Retrofit Design Manual - Dave Hanny and Tom Robinson - Barton & Loguidice

4:15 PM – 4:45 PM

Green Infrastructure Implementation Hurdles - A Design Engineer's Perspective- Paul Guillet, PE, CT
Male Associates

New York Lacustrine Impacts and Solutions – F & G Room

3:15 PM – 3:45 PM

Parish Flats Restoration Project - Kenneth Avery, CFM, & Krista Greer, CFM – Bergmann, Stevie Adams - The Nature Conservancy & Kevin Olvany, Canandaigua Lake Watershed Council

3:45 PM – 4:15 PM

Flooding on Lake Ontario and the St. Lawrence River: Is It Unsolvable? - William J. Werick

4:15 PM – 4:45 PM

Lake Ontario 2017 Spring Flooding Event and Coastal Hazards - Andrew Martin & Alan Springett - FEMA Region II & Jeff Gangai & Xiaohai Liu, Dewberry

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Registration Form

Name	Title		
Organization	Email		
Address	City	State	ZIP
Phone			

Please check appropriate sessions AND circle dollar amounts			
Monday, April 23	Members	Non-Members	Students
<input type="checkbox"/> The NFIP, An Overview (Includes lunch)	\$80	\$95	\$80
<input type="checkbox"/> BUS TOUR - Lake Ontario Shoreline (Includes lunch)	\$65	\$80	\$65
<input type="checkbox"/> New York State CRS Users Group Meeting	Free	Free	Free
Tuesday, April 24			
Morning Activities (Choose only ONE)			
<input type="checkbox"/> Incident Command System (ICS) Training	\$65	\$80	\$40
<input type="checkbox"/> Flood Resiliency & Hardening: Techniques for Smart Growth	\$65	\$80	\$40
<input type="checkbox"/> Local Land Use Strategies for Reducing Flood Risk	\$65	\$80	\$40
<input type="checkbox"/> Lunch is provided if you register for an AM and/or PM workshop or CFM exam			
Afternoon Activities (Choose only ONE)			
<input type="checkbox"/> BUS TOUR - Letchworth State Park and other Points of Interest (includes lunch)	\$65	\$80	\$65
<input type="checkbox"/> Disaster Preparedness for Building Code/Floodplain Officials	\$65	\$80	\$40
<input type="checkbox"/> Benefit Cost Analyst	\$65	\$80	\$40
<input type="checkbox"/> CFM Exam (includes lunch)	Register and Pay at floods.org		
Evening Activity			
<input type="checkbox"/> Evening Social (courtesy of our sponsors)	Free	Free	Free
Wednesday, April 25			
<input type="checkbox"/> Plenary Session & Break-Outs (includes lunch)	\$115	\$150	\$75
Subtotal			
Early Registration: \$10 Discount (if submitted by 4/6/18)	-\$10	-\$10	-\$10
TOTAL			

Please send a completed form for each person attending.

Please send voucher or payment made payable to:

NYSFSMA
P.O. Box 1785
Schenectady, NY 12301

Registration Information:
billnechamen@gmail.com

Meeting Information:
William Nechamen
518-707-6516

Method of Payment: (check one)

- On-line at nyfloods.org
- Check Enclosed
- Purchase Order# _____
- Please Send Invoice

Please contact us if you have any special needs.

Register by **April 6, 2018** and get \$10 off registration!

Please register by **April 16, 2018.**

Checks should be payable to NYSFSMA. (Federal ID #: 14-1826523) Conference registration fee includes attendance at selected conference sessions, conference informational materials, continental breakfast, lunch, & refreshments. The registration fee does not include payment for the Certified Floodplain Manager Exam. Conference attendees are responsible for arranging their own overnight accommodations at the Rochester Riverside Hotel. Registrants can pay conference fees within 30 days subsequent to the conference. To obtain a full refund of registration fees paid, cancellations must be confirmed with Bill Nechamen in writing by 4:00 pm on Thursday, April 16, 2018. Should you have any questions about your registration, please contact Bill Nechamen at 518-707-6516.