



## massFM Kickoff Tour: Springfield

April 11, 2019

### Free Trainings

- 1:00 "The Stream Crossings Explorer,"  
Scott Jackson, UMass Extension Associate Professor
- 1:50 "Substantial Improvement Practices,"  
Eric Carlson, DCR Engineer
- 2:40 "Fluvial-Geomorphology and Flood Risk Management,"  
Christine Hatch, UMass Extension Associate Professor
- 3:30 "Post-disaster Responsibilities of Local Officials,"  
Joy Duperault, CFM, DCR State NFIP Coordinator

- Available via **Live Webinar** (link will be sent to registered emails);
- Three (3) CECs will be provided for in-person attendance.

### massFM Kickoff Tour: Springfield - Agenda

- 4:30 – 4:35 **Opening Remarks**
- 4:35 – 5:00 **Introduction to Massachusetts Association for Floodplain Management**
- Mission
  - Newsletters
  - Membership
  - Interim Board
  - Bylaws/Charters
  - Website
  - Sponsorship
- 5:00 – 6:00 **Networking and Refreshments**

### Registration\* Form:

Name: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Town, State: \_\_\_\_\_ Zip: \_\_\_\_\_

Email: \_\_\_\_\_

Contact Phone: (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ x \_\_\_\_\_

Check applicable boxes:

Webinar Training Only     massFM Event

• Mail this completed registration form to: **massFM**; Attn: Patricia Brady, 249 Vanderbilt Ave, Norwood, MA 02062, (781) 278-3700.

• Online registration available at <https://www.massfm.org/upcomingevents>

• Registration\* should be returned no later than April 1<sup>st</sup>, 2018.

\* This is a **free** event but you must register to attend. There is no registration fee.

Learn about  
massFM

Floodplain  
Management  
Trainings

Ideal for  
Municipal  
Officials

Network with  
Fellow  
"Floodies"

Join  
massFM  
Today!

Event Sponsor  
and Location

Milone & MacBroom

1350 Main Street  
Springfield, MA



# Springfield, MA

April 11, 2019

## Free Trainings

- 1:00 **“The Stream Crossings Explorer,”**  
Scott Jackson, UMass Extension Associate Professor  
*The Stream Crossings Explorer (SCE) conveys information related to environmental benefits of rivers as well as risk of failure of road-stream crossings and associated disruption of emergency services. The tool was designed for state and municipal agencies, local decision-makers, regional planners, conservation organizations, and natural resource managers. It is being piloted in the Deerfield Watershed. In this session, participants will learn about aspects of road-stream crossing design that impact their risks from flooding and suitability for ecological connectivity. They will also be given an overview and tutorial of the SCE tool.*
- 1:50 **“Substantial Improvement Practices,”**  
Eric Carlson, Engineer, DCR Flood Hazard Management Program  
*While “substantial improvement” (SI) in the floodplain is equivalent with “new construction” per the statewide building code, it often doesn’t start out in the permitting office in the same way. Methods by which local officials make an SI determination can vary, and excellent FEMA guidance is available. Eric will go over SI market value determinations, and cost-of-work elements to help local officials learn the ropes.*
- 2:40 **“Fluvial-Geomorphology and Flood Risk Management,”**  
Christine Hatch, UMass Extension Associate Professor  
*In this session, participants will learn central fluvial-geomorphology concepts that are essential to managing flood risk in riverine environments, in particular at road-stream crossings such as culverts and bridges. This training will be centered around a “stream table” or “flume table.” The stream table is an interactive tool that lets you experiment with various river and landscape scenarios so you can see first-hand how rivers change their shapes, erode banks, flood low areas, and impact infrastructure.*
- 3:30 **“Post-disaster Responsibilities of Local Officials,”**  
Joy Duperault, CFM, State NFIP Coordinator, DCR Flood Hazard Management Program  
*This session covers basic steps that local officials can take to make their post-flood work less stressful, including pre-planning and assessment, development of public materials, documentation of high water marks, substantial damage determination, working with FEMA and handling flood insurance questions from citizens.*

### You are invited!

massFM is a new association for state, local and private floodplain management professionals including engineers, planners, building officials, hydrologists and water scientists, conservation professionals (and volunteers), public works staff, mappers, GIS analysts, environmental and ecological professionals, surveyors, architects—anyone who is involved with floodplain management in Massachusetts and bordering states! Come join the fellowship and professional networking in Springfield, MA on April 11, 2019.