



## 2018 Montana Floodplain Resource Seminar Empowering Montana to be Disaster Resilient

July 16-19, 2018

Helena College

1115 N. Roberts St., Helena, MT

The Floodplain Resource Seminar offers free training on various topics to Montana's floodplain professionals and others interested. All sessions will take place at Helena College. Snacks and beverages will be provided. The "Target Audience" listed for each session in order to assure you make the best use of your time.

**Anyone may register for the sessions at the link below, although only those who apply through ASFPM may take the CFM Exam.**

Registration: [https://app.mt.gov/cgi-bin/confreg2/index.cgi?CONFERENCE\\_ID=7103&ACTION=INTRO](https://app.mt.gov/cgi-bin/confreg2/index.cgi?CONFERENCE_ID=7103&ACTION=INTRO)

### Monday, 7/16 (Concurrent Tracks)

#### NFIP Overview

##### ▶ NFIP Overview

8:30am – 12:00pm

Room 123

**Target Audience:** Those taking the CFM Exam (but anyone may sit in)

**CECs:** To be announced

##### **Presenters**

Worby McNamee – DNRC Floodplain Program

##### **Description**

This is an interactive review session covering various aspects of the National Flood Insurance Program (NFIP). This class provides a unique opportunity for participants to ask specific questions about the NFIP and the CFM Exam. It will include general floodplain topics that are often addressed at the local level and those topics that appear in the Exam.

#### Practical Community Resiliency and Floodplain Management

##### ▶ Practical Community Resiliency and Floodplain Management

8:15am – 12:00pm

Room 125

**Target Audience: Community Officials (Elected officials, Floodplain Administrators, and Planners)**  
**CECs: To be announced**

**Presenters**

Edward A. Thomas Esq. – President of the Natural Hazard Mitigation Association; and an elected member of the Council of the State and Local Government Section of the American Bar Association  
Traci Sears, CFM – DNRC Floodplain Program

**Description**

Legal and regulatory workshop for community officials. Highlighting successful resiliency and floodplain management regulations and decisions. Opportunity for open discussion on pressing community issues.

**Monday, 7/16 (Concurrent Tracks)**

**CFM Exam**

▶ **CFM Exam**

1:00pm – 4:00pm

Room 123

**Target Audience: Only those who have applied to ASFPM to take the exam**

**CECs: 0**

**Exam Proctor**

Worby McNamee – DNRC Floodplain Program

**Description**

This is the exam for the professional certification of floodplain managers provided by the Association of State Floodplain Managers (ASFPM). Application for the CFM Exam is made through ASFPM and is separate from 2018 Floodplain Resource Seminar registration. Please be sure to both register for the Floodplain Resource Seminar session and apply to take the exam with ASFPM.

**Exam takers must apply to ASFPM by July 1, 2018 at the link below.**

<http://www.floods.org/index.asp?menuid=405&firstlevelmenuid=180&siteid=1>

**Insurance Track**

▶ **Using Flood Insurance as One Tool of Resiliency and Recovery**

1:00pm – 4:30pm

Room 125

**Target Audience: Anyone involved with flood risk, community development, emergency management, flood insurance, insurance agents, floodplain administrators**

**CECs: To be announced**

**Presenters**

Joe Rossi, ANFI, CFM—Chair and Executive Director, Mass Coastal Coalition, Flood Specialist w/Rogers and Gray  
Donna Boyce, JD -Natural Hazard Mitigation Board; National Institute of Standards and Technology Fellow

**Description**

Federal disaster declarations are never a guarantee. FEMA may or may not be called in to support a state after a disaster. Communities should be prepared to handle response and recovery efforts without state and federal assistance. This workshop will help assist and guide communities to utilize the power of flood insurance after disaster while covering necessary resiliency steps needed to move forward. The importance of non-disaster means for recovery such as flood insurance, Increased Cost of Compliance (ICC), and general lending recovery practices will be discussed. How prepared are you if a disaster were to hit tomorrow? Look to financial disaster resilience for a piece of mind during recovery.

A scenario and breakout sessions will be used to facilitate attendees participation and learning.

**Tuesday, 7/17**

▶ **Resiliency and Sustainability Empowering Residents and the Local Community**

8:00am – 5:00pm

Room 125

**Target Audience: Anyone involved with disasters, sustainability, mapping, local communities, and/or engineering**

**CECs: To be announced**

**Presenters/Working Group**

Edward A. Thomas Esq. – President of the Natural Hazard Mitigation Association; and an elected member of the Council of the State and Local Government Section of the American Bar Association

Donna Boyce, JD - Natural Hazard Mitigation Board; National Institute of Standards and Technology Fellow

Mark English – GeoSpatial Risk Analyst, FEMA Region VIII Mitigation Division

Tentative - Dept. of Commerce - Resiliency Committee

**Description**

This joint workshop will introduce attendees to rapid changes in the topics of resiliency and sustainability. The presenters will provide an overview of the strides that Montana and the rest of the Nation are making in these areas and how these topics are being tackled around the nation through insurance, mapping, planning, and recovery efforts. Attendees will be able to network and pick up new tips and tricks to navigate the information, funding, and options available through various programs.

A scenario and breakout sessions will be used to facilitate attendee’s participation and learning.

**Wednesday, 7/18**

▶ **Legal Liabilities and Land Use Pitfalls**

8:00am – 5:00pm

Room 125

**Target Audience: Local and State Attorneys, floodplain administrators, and elected officials,**

**CECs: To be announced**

**Presenters/Working Group**

Edward A. Thomas Esq., LLC – President of the Natural Hazard Mitigation Association; and an elected member of the Council of the State and Local Government Section of the American Bar Association

Kelly Lynch Esq. – Montana League of Cities and Towns Deputy Director/General Counsel

Tara DePuy - Montana Association of Counties (MACO) JPIA Land Use Attorney

Dept. of Health and Human Services

Donna Boyce, JD - Natural Hazard Mitigation Board; National Institute of Standards and Technology Fellow

**Description**

This joint and highly interactive workshop will focus on providing information and Disaster Risk Reduction and Resilience tools for local communities faced with a myriad of complex disaster related issues that affect the viability of communities, including in-depth discussions on variances, exemptions and building standards. The workshop will include interactive discussion and scenarios and will be facilitated by a nationally recognized expert in the fields of law, planning, low-impact design, resilience, recovery, and engineering.

**Thursday, 7/19**

**► Hydraulic Modeling**

9:00am – 4:00pm

Room 125

**Target Audience: Engineers involved with floodplain mapping**

**CECs: To be announced**

**Presenter**

Eli Gruber, P.E., - Water Resources Engineer, CDM Smith

**Description**

This full day workshop will dive into several HEC-RAS 1D modeling technical topics, and will also provide updates on 2D modeling. It will include an in-depth review and discussion of several case studies.

Attendees should bring a laptop with HEC-RAS 5.0.5 installed (version 5.0.3 will work too). The room is set up with power outlets. Laptops aren't required, but the instructor will go through case-studies and troubleshooting modeling challenges, so it will be helpful to look at the example models provided during the workshop. The instructor will also go through some of the new features in HEC-RAS 5.0.5. (Link to HEC-RAS download: <http://www.hec.usace.army.mil/software/hec-ras/> )