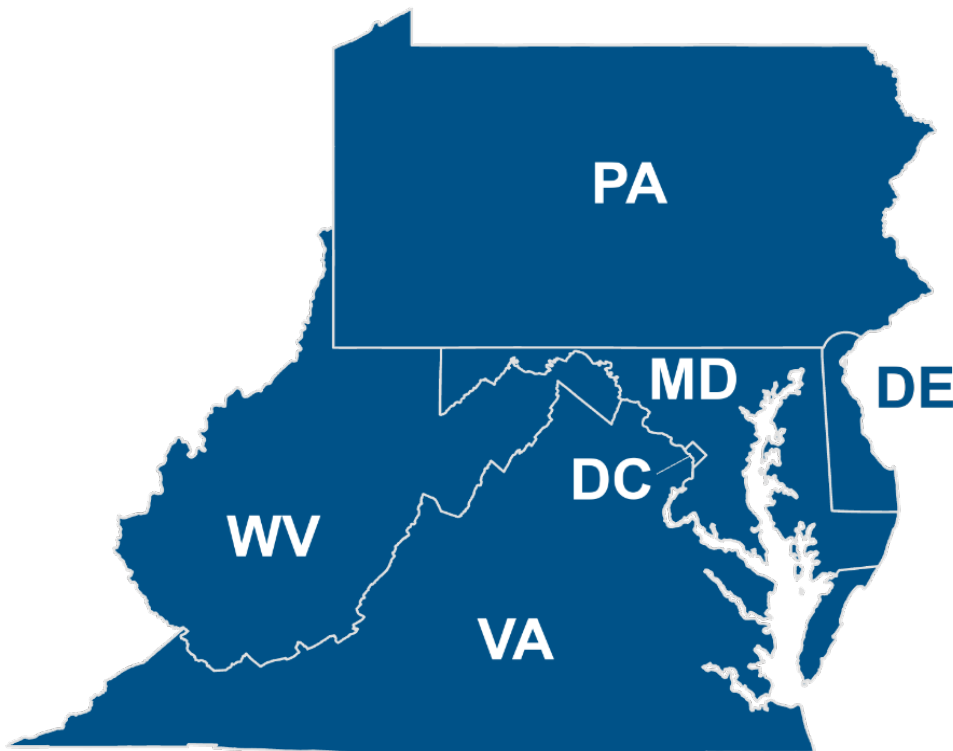


# Mitigation Course Catalog

Region 3 Trainings for External Partners



**FEMA**  
REGION 3

October 2023

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# 1. Introduction

The Mitigation Course Catalog provides a comprehensive list of trainings that FEMA Region 3 may support for State, Local, Tribal, and Territorial (SLTTs) stakeholders' continued education. The FEMA Region 3 Mitigation Division currently supports over 25 different training courses for in person, virtual, and hybrid instruction. In addition to classroom-style instruction support, the FEMA Region 3 Mitigation Division also advertises self-paced training videos created by both FEMA Region 3 and FEMA HQ. Between the videos and classroom instruction, this catalog provides over 50 opportunities for continued education to support mitigation.

The intended use of this catalog is to support overall SLTT implementation of mitigation programs. The course listings can also help with the development of Integrated Preparedness Plans (IPPs) and the creation of multi-year training plans. While the main audience of this catalog is external stakeholders, it will also help FEMA Region 3 staff identify FEMA training opportunities.

FEMA Region 3 is always striving to adapt to new policies, codes, grant requirements, technical resources, and other mitigation initiatives that are identified, published, or released by Headquarters, partner agencies, and partner organizations. Therefore, this catalog will be routinely updated to ensure it contains the most up-to-date mitigation training information and opportunities.

The Mitigation Catalog has been designed with navigability in mind. Users may click on the course title in either the course listing or course curriculum section(s) of the catalog and will immediately be navigated to the course details section.

If you have questions about this catalog please reach out to Ian Eppig, Region 3 Mitigation External Training Specialist at [ian.eppig@fema.dhs.gov](mailto:ian.eppig@fema.dhs.gov).

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## 2. Catalog Maintenance

This catalog will continue to be evaluated by FEMA Region 3 and updated on an annual basis. As FEMA continues to build toward developing a more resilient nation, policies, procedures, compliance requirements, regulations, grant opportunities, and other mitigation specific initiatives will be revised, developed, and removed. Therefore, this catalog must adapt to ensure that external partners have the most up-to-date training information available to their community.

### 2.1. Responsibilities

#### 2.1.1. FEMA RESPONSIBILITIES

FEMA's Mitigation Division will hold most of the catalog's maintenance responsibilities. FEMA will oversee the revision process and implement the necessary physical revisions to the mitigation catalog.

1. Each branch within the Mitigation Division is considered the Subject-Matter-Expert for their branch's trainings and is therefore responsible for reporting to the Mitigation Operations Branch:
  - a. Necessary course updates to be revised into the training catalog.
  - b. New training courses/opportunities to be incorporated into the training catalog.
  - c. Removal of outdated, obsolete, or no longer required training courses from the catalog.
2. The FEMA Mitigation Operations Branch will:
  - a. Lead/oversee the coordination of the Mitigation Training Catalog revision cycle.
  - b. Receive, compile, and revise the catalog as necessary.
  - c. Publish the revised catalog to internal and external partners.

#### 2.1.2. STATE RESPONSIBILITIES

The success of this catalog is dependent on constructive feedback to ensure it meets SLTT needs. State and District partners should provide ongoing feedback on the catalog to enhance the overall product. This should also include compiling constructive feedback from local governments and their communities utilizing the product. The compiled feedback should be reported to the External Training Specialist for consideration for the next revision cycle of the training catalog.

## 2.2. Maintenance Timeline

The Mitigation Course Catalog will be reviewed on an annual basis with each standalone appendix being reviewed on a rotating biennial schedule. This maintenance timeline prioritizes updates to individual courses each year, with a focus on course logistics every other year. The Mitigation Operations Branch will incorporate necessary revisions received throughout the previous year from internal and external partners. Furthermore, the Mitigation Operations Branch will proactively reach out to each branch to ensure training information remains current.

### 2.2.1. REVIEW/UPDATE SCHEDULE

The following schedule is designed to assist the Mitigation Operations Branch through the annual and biennial review schedules. The suggested monthly deadlines, for the Mitigation Operations Branch to consult with the Mitigation Division for updates and review, best fits with each Branch’s annual training planning schedule and anticipated annual workload schedule. Sticking to this suggested timeline should help reduce duplicative meetings and correspondence with those branches and provide a more effective update.

<b>Suggested Training Catalog Revision Schedule: Annual Main Plan Revision</b>				
	Oct - Dec	Jan - Mar	April - June	July - Sept
Main Plan				
HMA Courses				
FMI Course				
HMP Courses				
EHP Courses				
RAB Courses				
TSB Courses				



**Suggested Training Catalog Revision Schedule:  
Biennial Standalone Appendix Revision**

	Even Year				Odd Year			
	Oct - Dec	Jan - Mar	April - June	July - Sept	Oct - Dec	Jan - Mar	April - June	July - Sept
Appendix A								
Appendix B								
Appendix C								
Appendix D								

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## 3. Applicable Course Codes

The Mitigation Course Catalog includes courses that are supported by FEMA R3 and courses supported by the Emergency Management Institute (EMI). FEMA Region 3's courses do not contain a course code and they rely on state and local communities' coordination for Region 3 to provide the course.

The courses identified in this catalog may refer to a course code that has been designated by EMI. Course codes allow EMI to better catalog and standardize their created/supported trainings nationwide. The course codes are designed to assist SLTTs to better understand that the material originated with EMI, who is able to host a specific course, and how to coordinate the specified course. The EMI course rules and information are controlled and directed by EMI and not FEMA Region 3.

FEMA Region 3 anticipates its stakeholders may need to apply for an EMI created course at some point in his or her career. Below is a short description of each of EMI's course codes.

### 3.1. EMI Hosted Resident Courses

Stakeholders may identify a Resident Course of interest. These are course offerings hosted directly by EMI or one of its offsite National Emergency Training Center (NETC) partners located at the Center for Domestic Preparedness, FEMA Logistics Center, or other locations located throughout the country. The majority of EMI's Resident Courses were historically offered in-person; however, recently Resident Courses have started a slow transition to virtual offerings.

EMI's Resident Course codes are often provided with the following pre-fix letter:

- E – Resident courses held, in-person, at an NETC campus or location
- L – Resident courses hosted offsite
- V – Resident courses held virtually through a Video Teleconference Platform (VTC)
- K – Resident courses held virtually, specifically through the Adobe Connect platform

### **3.2. EMI Supported State/Local/Tribal Field Courses**

Stakeholders may identify an EMI course that can be delivered by qualified state, local, or tribal communities. EMI relies heavily on state emergency management agencies to deliver EMI-developed courses that are approved for local delivery. A significant portion of EMI's course catalog allows for courses to be delivered locally, through qualified instructors. This extension of EMI service to state approved deliveries allows for courses to be delivered to states, as needed, more frequently than an EMI Resident Course.

EMI's supported State/Local/Field Courses are often provided the following pre-fix letter:

- G – State/Local/Tribal Field-delivered courses

### **3.3. EMI Created independent Study Courses**

EMI also maintains a database of self-paced training programs, free of charge. EMI's Independent Study Course are offered to the Nation's emergency management network of federal, state, local, tribal, and territorial governments; nongovernmental organizations; and the public. The self-paced nature of the Independent Study (IS) courses allows for the whole community to take courses the time that best fits an individual's need. Some of these courses serve as pre-requisites to EMI's SLTT Field Courses and Resident courses.

EMI's Independent Study courses are often provided the following pre-fix letter:

- IS – Independent Study
- ISP – Independent Study Program

## 4. Course Catalog Listings

### 4.1. Hazard Mitigation Assistance (HMA) Courses

- E/L/G – 276 – Benefit Cost-Analysis
- E/L/G – 705 – Fundamentals of Grants Management

### 4.2. Hazard Mitigation Planning (HMP) Courses

- Local Mitigation Planning Module: Addressing the Risks of High Hazard Potential Dams (HHPDs)
- Local Mitigation Planning Module 1: Planning Process
- Local Mitigation Planning Module 2: Conducting a Risk Assessment
- Local Mitigation Planning Module 3: Develop a Mitigation Strategy
- Local Mitigation Planning Module 4: Adopt, Maintain, and Implement the Plan
- Local Plan Review Training for State Partners and FEMA Planners
- State Hazard Mitigation Planning Capabilities Assessment Training
- State Hazard Mitigation Planning Workshop
- Planning Grant Scope of Work Development (PGSD) Technical Assistance/Workshop Training
- Plan Implementation & Grants Development (PIGD) Workshop (FEMA/State Led)
- Mini (or Full) Plan Implementation & Grants Development (PIGD) Workshop – State Led
- Reducing Risk in the Floodplains (Virtual)
- Reducing Risk in the Floodplains (Non-Virtual)
- Bi-Monthly Coffee Breaks Webinars

### 4.3. Risk Analysis Branch (RAB) Courses

- Non-Regulatory Flood Risk Products Overview
- Non-Regulatory Flood Risk Products Technical Training

#### **4.4. Environmental and Historic Preservation (EHP) Courses**

- EHP Webinar Series on YouTube:
  - Introduction to Environmental and Historic Preservation
  - National Environmental Policy Act
  - National Historic Preservation Act
  - Other Laws and Executive Orders
  - Photography
  - Adverse Effects

#### **4.5. Floodplain Management and Insurance (FMI) Courses**

- National Flood Insurance Program (NFIP) 101
- National Flood Insurance Program (NFIP) 101: Condensed Version
- Similar to E/L/G – 273: Managing Floodplain Development Through the National Flood Insurance Program (NFIP) – Regionally Modified
- National Flood Insurance Program (NFIP) Best Practices
- Letter of Map Change (LOMC) Fundamentals
- Advanced Floodplain Management Concepts:
  - Local Floodplain Manager Roles and Responsibilities – Regionally Modified
  - National Flood Insurance Program Rules and Regulations in Depth – Regionally Modified
  - Letters of Map Change – Regionally Modified
  - Preparing for Post-Disaster Responsibilities – Regionally Modified
  - Higher Standards in Floodplain Management – Regionally Modified
  - Manufactured Homes and the NFIP – Regionally Modified
  - NFIP Insurance Principles – Regionally Modified
  - Hydrology and Hydraulics Concepts – Regionally Modified

- Floodway Standards – Regionally Modified
- Disconnects Between the NFIP Regulations and Insurance – Regionally Modified
- Common Noncompliance Issues – Regionally Modified
- Digital Flood Insurance Rate Maps – Regionally Modified
- Substantial Improvement/Substantial Damage – Regionally Modified
- Building Code and National Flood Insurance Program (NFIP) Training
- Building Code and National Flood Insurance Program (NFIP) Training: State Specific
- Similar to Full/Modular E/L/G – 2460: Advanced Building Science Series (I)
  - Module 1: Flood Provisions of the I-Codes and ASCE-24
  - Module 2: Incorporating Future Conditions into Flood Design
  - Module 3: Strategies for Maximizing Floodproofing Success
  - Module 4: Steps to a Successful Elevation
  - Module 5: Wind Mitigation for Buildings: Policies & Procedures for Successful Recovery
  - Module 6: Critical Building Performance for Wind
- International Codes & The NFIP Flood Provisions 2021 I-Code Edition
- FEMA Substantial Damage Estimator (SDE) Tool Webinar Series on YouTube:
  - SDE Module 1: Purpose of the SDE Tool
  - SDE Module 2: Substantial Damage Basics
  - SDE Module 3: Basic Features of the Substantial Damage Estimator Tool
  - SDE Module 4: How to Use the Substantial Damage Estimator Tool
  - SDE Module 5: Residential and Non-Residential SDE
  - SDE Module 6: Field Preparation
  - SDE Module 7: Percent Damage Estimations
  - SDE Module 8: Field Inspections

- SDE Module 9: Using SDE Collection Results
- SDE Module 10: Community Approach to Substantial Damage Determinations
- Substantial Improvement/Substantial Damage Overview Training
- Substantial Damage Administrative Plan Workshop
- Substantial Damage Inspection Procedures
- Community Rating System Certification Webinar Series on YouTube:
  - Video 1: CRS Overview
  - Video 2: Preparing for CRS Verification Visit
  - Video 3: Preparing a CRS Annual Recertification
  - Video 4: CRS Repetitive Loss Properties
  - Video 5: CRS Activity 610 – Flood Warning & Response
  - Video 6: CRS 310 Changes for 2021
  - Video 7: CRS Credit for Conservation & Recovery of Threatened & Endangered Species



## 5. Suggested Course Curriculums By Experience Type

The following FEMA Region 3 supported courses have been categorized by experience level. The curriculums are not designed to exclude anyone from taking a course identified in a lower or higher experience level from his or her own but represent a suggested guide on what or when to request or take one of the courses.

Some courses or workshops are suggested at multiple experience levels and are listed as such. Our partners should consider continually attending these sessions to enhance the learning experience for those at a lower experience level by incorporating more experienced staff. Furthermore, these sessions are designed to provide a formal platform to continue conversations and relate them back in state and local hazard mitigation planning and implementation efforts.

### 5.1. Mitigation Planning

The following FEMA supported and/or delivered course curriculum focuses on hazard mitigation planning. The courses are supported or delivered by FEMA Region 3's Hazard Mitigation Planners within the Floodplain Management and Insurance (FMI) Branch. FEMA Region 3 coordinates closely with State, Commonwealth, and District partners to schedule hazard mitigation planning trainings based on community needs, interest, and the status of ongoing state and local planning efforts.

#### 5.1.1. BEGINNER/NOVICE (LESS THAN 1 YEAR OF EXPERIENCE)

- Planning Grant Scope of Work Development (PGSD) Technical Assistance/Workshop Training
- Local Mitigation Planning Module: Addressing the Risks of High Hazard Potential Dams (HHPDs)
- Local Mitigation Planning Module 1: Planning Process
- Local Mitigation Planning Module 2: Conducting a Risk Assessment
- Plan Implementation & Grants Development (PIGD) Workshop (FEMA/State Led)
- Local Plan Review Training for State Partners and FEMA Planners
- Bi-Monthly Coffee Breaks Webinars

### **5.1.2. INTERMEDIATE (1 – 2 YEARS OF EXPERIENCE)**

- State Hazard Mitigation Planning Capabilities Assessment Training
- State Hazard Mitigation Planning Workshop
- Local Mitigation Planning Module 3: Develop a Mitigation Strategy
- Local Mitigation Planning Module 4: Adopt, Maintain, and Implement the Plan
- Plan Implementation & Grants Development (PIGD) Workshop (FEMA/State Led)
- Reducing Risk in the Floodplains (Virtual)
- Bi-Monthly Coffee Breaks Webinars

### **5.1.3. ADVANCED/EXPERT (OVER 3 YEARS OF EXPERIENCE)**

- Plan Implementation & Grants Development (PIGD) Workshop (FEMA/State Led)
- Mini (or Full) Plan Implementation & Grants Development (PIGD) Workshop – State Led
- Reducing Risk in the Floodplains (Non-Virtual)
- Bi-Monthly Coffee Breaks Webinars

## **5.2. Floodplain Management and Insurance**

The following FEMA supported course curriculum is tailored to enhance the knowledge and skills of local officials tasked with administering and enforcing local floodplain management regulations. These courses receive support from FEMA Region 3's Floodplain Specialists and Compliance Specialists within the Flood Mitigation and Insurance Branch. Most courses are scheduled annually through the National Flood Insurance Program Coordinator's office in each state, facilitated by the Community Assistance Program State Support Service Element (CAP-SSSE) planning meetings. The option of planning supplementary courses exists through coordination with the State, who collaborated with FEMA R3.

### **5.2.1. BEGINNER (LESS THAN 1 YEAR OF EXPERIENCE)**

- Managing Floodplain Development Through the National Flood Insurance Program (NFIP) – Regionally Modified
- National Flood Insurance Program (NFIP) 101 or National Flood Insurance Program (NFIP) 101: Condensed Version
- National Flood Insurance Program (NFIP) Best Practices
- Building Code and National Flood Insurance Program (NFIP) Training
- Substantial Improvement/Substantial Damage Overview Training
- FEMA Substantial Damage Estimator Tool Webinar Series on YouTube
- Community Rating System Certification Webinar Series on YouTube

### **5.2.2. INTERMEDIATE (1 – 2 YEARS EXPERIENCE)**

- Building Code and National Flood Insurance Program (NFIP) Training: State Specific
- International Codes & The NFIP Flood Provisions 2021 I-Code Edition
- Substantial Damage Administrative Plan Workshop
- Substantial Damage Inspection Procedures
- Letter of Map Change (LOMC) Fundamentals

### **5.2.3. ADVANCED/EXPERT (OVER 3 YEARS EXPERIENCE)**

- Local Floodplain Manager Roles and Responsibilities – Regionally Modified
- National Flood Insurance Program Rules and Regulations in Depth – Regionally Modified
- Letters of Map Change – Regionally Modified
- Preparing for Post-Disaster Responsibilities – Regionally Modified
- Higher Standards in Floodplain Management – Regionally Modified
- Manufactured Homes and the NFIP – Regionally Modified
- NFIP Insurance Principles – Regionally Modified
- Hydrology and Hydraulics Concepts – Regionally Modified
- Floodway Standards – Regionally Modified
- Disconnects Between the NFIP Regulations and Insurance – Regionally Modified
- Common Noncompliance Issues – Regionally Modified
- Substantial Improvement/Substantial Damage – Regionally Modified

### **5.3. Hazard Mitigation Assistance (HMA) Courses**

The following FEMA supported course curriculum is tailored to enhance local grant management knowledge and of all Hazard Mitigation Assistance (HMA) Grants: Hazard Mitigation Grant Program (HMGP), HMGP Post-Fire Assistance, Flood Mitigation Assistance (FMA), Building Resilient Infrastructure and Communities (BRIC), and Pre-Disaster Mitigation (PDM). These course offerings have not been offered on a consistent basis for R3; however, the Region working to identify instructors to provide the courses on a more consistent basis.

As the courses become more widely available, they will be mostly supported by FEMA Region 3's Hazard Mitigation Grant Program and Community Resilience and Infrastructure Grants Branches and Technical Services Branch. Scheduling of these courses will be coordinated through each state's Hazard Mitigation Officer team and Region 3 with a focus on areas of highest grant involvement, future application potential, and areas of most mitigation concern.

#### **5.3.1. BEGINNER (LESS THAN 1 YEAR OF EXPERIENCE)**

- E/L/G – 705: Fundamentals of Grants Management
- FEMA HQ Hazard Mitigation Assistance Webinars

#### **5.3.2. INTERMEDIATE (1 – 2 YEARS OF EXPERIENCE)**

- E/L/G – 276: Benefit Cost-Analysis
- FEMA HQ Hazard Mitigation Assistance Webinars

#### **5.3.3. ADVANCED/EXPERT (OVER 3 YEARS EXPERIENCE)**

- FEMA HQ Hazard Mitigation Assistance Webinars

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## 6. Course Details

### 6.1. Hazard Mitigation Assistance Course Details

<b>Course:</b> Benefit Cost-Analysis	
<b>Applicable FEMA Course ID:</b> E/L/G – 276	
<b>Mitigation Branch/Team Training Responsibility:</b> Hazard Mitigation Assistance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 16 Hours or 2 Days	
<p><b>Course Description</b></p> <p>This course is designed to discuss the basic concepts of Benefit-Cost Analysis. The course also introduces students on how to conduct BCAs in Hazard Mitigation Assistance Grants, describes, and explains the relevant statutory and regulatory requirements for BCA and FEMA mitigation projects, the factors and data needed to calculate a BCA, how to use the FEMA BCA Toolkit for projects, and provides useful tips to provide a more positive BCA calculation.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input checked="" type="checkbox"/> Planners	<input checked="" type="checkbox"/> Administration/ Officials
<input checked="" type="checkbox"/> Fiscal	<input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course: Fundamentals of Grants Management</b>	
<b>Applicable FEMA Course ID:</b> E/L/G – 705	
<b>Mitigation Branch/Team Training Responsibility:</b> Hazard Mitigation Assistance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 24 Hours or 3 Days	
<b>Course Description</b> This course is designed for FEMA grantees and sub-grantees. It includes discussion and activities to improve the ability of FEMA grantees to administer federal grant funding.	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input type="checkbox"/> Planners	<input checked="" type="checkbox"/> Administration/ Officials
<input checked="" type="checkbox"/> Fiscal	<input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<b>Required:</b> <ul style="list-style-type: none"> <li>▪ Must be FEMA grantees/sub-grantees</li> </ul>	<b>Recommended:</b> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>



## 6.2. Hazard Mitigation Planning Course Details

<b>Course:</b> Local Mitigation Planning Module: Addressing the Risks of High Hazard Potential Dams (HHPDs)	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Hazard Mitigation Planning	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 1.5 hours	
<p><b>Course Description</b></p> <p>This course covers two main subjects. First, it provides an overview of the FEMA Region 3 Local and Tribal Mitigation Planning Tips resource. This resource walks through local hazard mitigation plan high hazard potential dam (HHPD) content requirements for the Rehabilitation of High Hazard Potential Dam Grant. Second, this course explores how to best integrate key dam safety stakeholders into the local hazard mitigation planning process to inform dam-related hazard risk reduction.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course: Local Mitigation Planning Module 1: Planning Process</b>	
<b>Applicable FEMA Course ID:</b> Similar to G – 318.1	
<b>Mitigation Branch/Team Training Responsibility:</b> Hazard Mitigation Planning	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 3 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s E-318. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent E-318.</p> <p>This module focuses on organizing a strong mitigation team, enhancing collaboration with the whole community, and integrating mitigation efforts within existing planning processes and programs.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input checked="" type="checkbox"/> Planners	<input checked="" type="checkbox"/> Administration/ Officials
<input type="checkbox"/> Fiscal	<input checked="" type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended</b></p> <ul style="list-style-type: none"> <li>▪ Local Mitigation Planning Module: Addressing the Risks of High Hazard Potential Dams (HHPDs)</li> </ul>

<b>Course: Local Mitigation Planning Module 2: Conducting a Risk Assessment</b>	
<b>Applicable FEMA Course ID:</b> Similar to G – 318.2	
<b>Mitigation Branch/Team Training Responsibility:</b> Hazard Mitigation Planning	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 3 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s E-318. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent E-318.</p> <p>This module concentrates on identifying hazards within the local community, profiling exposed community assets, assessing the community’s asset vulnerability, and assessing the community’s overall risk.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input checked="" type="checkbox"/> Planners	<input checked="" type="checkbox"/> Administration/ Officials
<input type="checkbox"/> Fiscal	<input checked="" type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ Local Mitigation Planning Module 1: Planning Process</li> </ul>

<b>Course: Local Mitigation Planning Module 3: Develop a Mitigation Strategy</b>	
<b>Applicable FEMA Course ID:</b> Similar to G – 318.3	
<b>Mitigation Branch/Team Training Responsibility:</b> Hazard Mitigation Planning	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 3 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s E-318. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent E-318.</p> <p>This module focuses on assessing the community’s strengths and weaknesses, developing mitigation goals to articulate problems identified during the risk assessment process, identifying and evaluating alternative mitigation actions to reduce identified risks, preparing plans to implement feasible mitigation actions, and prioritizing critical mitigation actions.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input checked="" type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>FEMA Courses:</b></p> <ul style="list-style-type: none"> <li>▪ Local Mitigation Planning Module 2: Conducting a Risk Assessment</li> </ul>

<b>Course:</b> Local Mitigation Planning Module 4: Adopt, Maintain, and Implement the Plan	
<b>Applicable FEMA Course ID:</b> Similar to G – 318.4	
<b>Mitigation Branch/Team Training Responsibility:</b> Hazard Mitigation Planning	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 3 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s E-318. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent E-318.</p> <p>This module focuses on securing approval from FEMA for the community’s overall mitigation plan, identifying productive maintenance strategies, and creating accountability measures to effectively implement mitigation actions.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input checked="" type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ Local Mitigation Planning Module 3: Develop a Mitigation Strategy</li> </ul>

<b>Course: Local Plan Review Training for State Partners and FEMA Planners</b>	
Applicable FEMA Course ID: n/a	
Mitigation Branch/Team Training Responsibility: Hazard Mitigation Planning	
Available Delivery Method(s): In-Person and/or Virtual	
Course Length: 8 Hours	
<b>Course Description</b> This course covers the purpose and intent of reviewing Local Hazard Mitigation Plans (HMPS), how to use the Plan Review Tool (PRT) to communicate review results to the plan owner, and how to determine if a Local HMP meets federal mitigation planning requirements.	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input checked="" type="checkbox"/> Planners	<input type="checkbox"/> Administration/ Officials
	<input type="checkbox"/> Fiscal
	<input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<b>Required:</b> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<b>Recommended:</b> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course: State Hazard Mitigation Planning Capabilities Assessment Training</b>	
Applicable FEMA Course ID: n/a	
Mitigation Branch/Team Training Responsibility: Hazard Mitigation Planning	
Available Delivery Method(s): In-Person and/or Virtual	
Course Length: 1 Hours	
<b>Course Description</b> This course introduces the FEMA Region 3: State Capability Assessment Guidance. Additionally, this course assists State Partners actively involved in the Hazard Mitigation Planning Process by highlighting key capability-related regulatory requirements for State Hazard Mitigation Plans.	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers <input type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input checked="" type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<b>Required:</b> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<b>Recommended:</b> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course: State Hazard Mitigation Planning Workshop</b>	
<b>Applicable FEMA Course ID:</b> Similar to E/L/G – 329	
<b>Mitigation Branch/Team Training Responsibility:</b> Hazard Mitigation Planning	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 13 Hours or 2 Days	
<p><b>Course Description</b></p> <p>This course provides plan developers with the basic information necessary to prepare and implement a standard or enhanced state hazard mitigation plan; information on specific sections of the State Mitigation Planning Key topics and bulletins; and peer-to-peer exchanges involving a multidisciplinary group of federal, state, local, academic, non-profit, and private organizations that have a roll in creating more resilient communities.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input checked="" type="checkbox"/> Planners	<input type="checkbox"/> Administration/ Officials
	<input type="checkbox"/> Fiscal
	<input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ IS – 329: State Hazard Mitigation Planning</li> <li>▪ Familiarity with State Hazard Mitigation Plans</li> </ul>



<b>Course: Planning Grant Scope of Work Development (PGSD) Technical Assistance/Workshop Training</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Hazard Mitigation Planning	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 2 Hours	
<p><b>Course Description</b></p> <p>This course is a technical assistance training session that guides a community, actively engaged in local hazard mitigation planning process, through recommended practices for developing a robust mitigation planning grant subapplication scope of work.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input checked="" type="checkbox"/> Planners	<input checked="" type="checkbox"/> Administration/ Officials
<input checked="" type="checkbox"/> Fiscal	<input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course: Plan Implementation &amp; Grants Development (PIGD) Workshop (FEMA/State Led)</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Hazard Mitigation Planning	
<b>Available Delivery Method(s):</b> In-Person or Virtual	
<b>Course Length:</b> 6 - 12 Hours (customizable)	
<p><b>Course Description</b></p> <p>This customized workshop is dedicated to building local mitigation capabilities by exploring how to best implement FEMA-approved local hazard mitigation plans through the translation of the plan’s content into eligible and competitive grant applications. This workshop is jointly led by FEMA and a State Partner.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input type="checkbox"/> Administration/ Officials <input checked="" type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course:</b> Mini (or Full) Plan Implementation & Grants Development (PIGD) Workshop – State Led	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Hazard Mitigation Planning	
<b>Available Delivery Method(s):</b> In-Person or Virtual	
<b>Course Length:</b> 6 Hours	
<p><b>Course Description</b></p> <p>This customized workshop is dedicated to building local mitigation capabilities by exploring how to best implement FEMA-approved local hazard mitigation plans through the translation of the plan’s content into eligible and competitive grant applications. This workshop is state-led (with minimal or no FEMA support).</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input type="checkbox"/> Administration/ Officials <input checked="" type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course: Reducing Risk in the Floodplains (Virtual)</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Hazard Mitigation Planning	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 2 Hours	
<p><b>Course Description</b></p> <p>This course provides information on how Floodplain Administrators and Hazard Mitigation Planning Teams can more closely align their efforts. The virtual offering provides an overview of the guide and answers 4 of the most common questions communities and Floodplain Administrators face.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input type="checkbox"/> Administration/ Officials <input checked="" type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course: Reducing Risk in the Floodplains (Non-Virtual)</b>	
Applicable FEMA Course ID: n/a	
Mitigation Branch/Team Training Responsibility: Hazard Mitigation Planning	
Available Delivery Method(s): In-Person	
Course Length: 1 Hours	
<p><b>Course Description</b></p> <p>This course provides information on how Floodplain Administrators and Hazard Mitigation Planning Teams can more closely align their efforts. The in-person offering provides an overview of the guide which answers 8 of the most common questions communities and Floodplain Administrators face.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input checked="" type="checkbox"/> Planners	<input type="checkbox"/> Administration/ Officials
<input checked="" type="checkbox"/> Fiscal	<input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course: Bi-Monthly Coffee Breaks Webinars</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Hazard Mitigation Planning	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 1 Hours	
<p><b>Course Description</b></p> <p>Coffee Break Sessions are offered every other month to provide a more focused Hazard Mitigation Planning training. Each session provides either a new initiative or builds upon existing concepts and structured trainings. The intent behind the coffee breaks is to provide hazard mitigation education for federal, state and local officials and partners throughout Region 3.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>FEMA Courses:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

### 6.3. Risk Analysis Branch (RAB) Courses

<b>Course:</b> Non-Regulatory Flood Risk Products Overview	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Risk Analysis Branch	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 2 Hours	
<p><b>Course Description</b></p> <p>This session is designed to introduce planners, engineers, municipal officials, and other people working in floodplain management to FEMA’s flood risk products. Flood risk Products are databases of Geographic Information System (GIS) layers that provide additional information on flood risk and can inform community decisions about reducing flood risk. The intent is to help community officials be more effective in managing their floodplain and communicating with the public about flood risk. You don’t need to have GIS experience for this course.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Other:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>FEMA Courses:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course: Non-Regulatory Flood Risk Products Technical Training</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Risk Analysis Branch	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 4 Hours	
<p><b>Course Description</b></p> <p>This is a technical, Geographic Information Systems (GIS) training designed to provide data analysis professionals with guidance on working with FEMA’s flood risk products. Flood Risk Products are databases of GIS layers that provide additional information on flood risk and can inform community decisions about reducing flood risk. This course will cover specific analysis that can be completed with the additional data layers. Topics can include: using depth grids; prioritizing mitigation action for critical facilities; identifying at-risk roadways and evacuation routes; and informing future land-use planning.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input checked="" type="checkbox"/> Planners	<input type="checkbox"/> Administration/ Officials
	<input type="checkbox"/> Fiscal
	<input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>



## 6.4. Environmental and Historic Preservation (EHP) Courses

<b>Course:</b> EHP Webinar Series on YouTube: Introduction to Environmental and Historic Preservation	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Environmental and Historic Preservation	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 15 Minutes	
<p><b>Course Description</b></p> <p>This course is comprised of a general overview of how the EHP branch can better serve Region 3’s partners through technical advice and expertise. This provides an overview on EHP’s purpose and mission, project review process, laws and executive orders that are part of compliance reviews, the documents required during project reviews, and non-compliance. This course also highlights a few, not all, of the activities that may trigger an EHP review: new construction, ground disturbance, mitigation/modification to an existing facility, waste disposal, and demolition.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
View the EHP Webinar Course <a href="#">Here</a>	

<b>Course: EHP Webinar Series on YouTube: National Environmental Policy Act</b>	
Applicable FEMA Course ID: n/a	
Mitigation Branch/Team Training Responsibility: Environmental and Historic Preservation	
Available Delivery Method(s): Virtual	
Course Length: 15 Minutes	
<b>Course Description</b> This course is designed to provide an awareness level overview of the National Environmental Policy Act or NEPA. This self-paced webinar discusses various compliance requirements and review processes for NEPA; Statutory and Category requirements and exclusions (STATEX and CATEX); Environmental Assessment (EA) triggers, requirements, and processes; and Environmental Impact Statement (EIS) overview and process. While not all functions may trigger a NEPA review, this webinar explains the importance of NEPA and how to comply.	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input checked="" type="checkbox"/> Planners	<input type="checkbox"/> Administration/ Officials
<input type="checkbox"/> Fiscal	<input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<b>Other:</b> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<b>FEMA Courses:</b> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
View the EHP Webinar Course <a href="#">Here</a>	

<b>Course: EHP Webinar Series on YouTube: National Historic Preservation Act</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Environmental and Historic Preservation	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 15 Minutes	
<p><b>Course Description</b></p> <p>This course is designed to provide an awareness level overview of the National Historic Preservation Act (NHPA). It covers the NHPA’s mission and purpose, while expanding slightly on the National Register of Historic Places and the Advisory Council on Historic Preservation and defining what a historical property is and how to incorporate new properties to preserve. The course also goes in greater detail on the NHPA Section 106 review as it is the main driving force of the NHPA. Viewers will understand what triggers an NHPA Section 106 review and how to reduce delays and Requests for Information during it.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
View the EHP Webinar Course <a href="#">Here</a>	

<b>Course: EHP Webinar Series on YouTube: Other Laws and Executive Orders</b>	
Applicable FEMA Course ID: n/a	
Mitigation Branch/Team Training Responsibility: Environmental and Historic Preservation	
Available Delivery Method(s): Virtual	
Course Length: 15 Minutes	
<p><b>Course Description</b></p> <p>This course conducts a quick overview of additional laws and acts that EHP must consider during the branch’s compliance review. The presentation provides a summary for each law and act that must be considered and may be triggered. The course dives into more detail on the more commonly triggered laws: Endangered Species Act, Clean Water Act, Executive Order 11988 (EO11988): Floodplain Management, and Executive Order 11990 (EO11900): Protection of Wetlands.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input checked="" type="checkbox"/> Planners	<input type="checkbox"/> Administration/ Officials
<input type="checkbox"/> Fiscal	<input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
View the EHP Webinar Course <a href="#">Here</a>	

<b>Course: EHP Webinar Series on YouTube: Photography</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Environmental and Historic Preservation	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 15 Minutes	
<p><b>Course Description</b></p> <p>This course is designed to better inform users on how to submit acceptable photographs for Environmental and Historic Review. The course describes general rules and best practices on submitting a successful photograph. Side-by-side comparisons are provided with explanations on why some photographs may be rejected and requested to be resubmitted. The course serves as a great reference tool for what to do and what not to do when taking and submitting photographs for review.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders
<b>Required Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
<b>View the EHP Webinar Course <a href="#">Here</a></b>	

<b>Course: EHP Webinar Series on YouTube: Adverse Effects</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Environmental and Historic Preservation	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 15 Minutes	
<p><b>Course Description</b></p> <p>This course provides awareness on the adverse effects that may transpire during a project application’s scope of work. The course will define what an adverse effect is, and common projects known to trigger potential adverse effects and the adverse resolution process. The presenters discuss each step of the adverse resolution process and describe common avoidance and minimization steps taken when adverse effects are apparent in a community’s project review.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input checked="" type="checkbox"/> Planners	<input type="checkbox"/> Administration/ Officials
<input checked="" type="checkbox"/> Fiscal	<input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
<b>View the EHP Webinar Course <a href="#">Here</a></b>	

## 6.5. Floodplain Management and Insurance

<b>Course:</b> National Flood Insurance Program (NFIP) 101	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person or Virtual	
<b>Course Length:</b> 6 Hours	
<p><b>Course Description</b></p> <p>This course provides an overview of the NFIP, Flood Insurance Rate Maps (FIRMs), and Floodplain Management Planning. The course details how to identify and mitigate against risks, provide an overview of flood zones and floodways, introduces FIRMs and map changes, discusses permitting and ordinances, and other administrative procedures. This introductory course is designed for all audiences to provide a general understanding of floodplain administration.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input checked="" type="checkbox"/> Planners	<input checked="" type="checkbox"/> Administration/ Officials
<input type="checkbox"/> Fiscal	<input checked="" type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course: National Flood Insurance Program (NFIP) 101: Condensed Version</b>	
Applicable FEMA Course ID: n/a	
Mitigation Branch/Team Training Responsibility: Floodplain Management and Insurance	
Available Delivery Method(s): In-Person or Virtual	
Course Length: 1.5 Hours	
<p><b>Course Description</b></p> <p>This course provides a condensed overview of the Floodplain 101 course. The course provides an overview of the NFIP, Flood Insurance Rate Maps (FIRMs), and Floodplain Management Planning. The course details how to identify and mitigate against risks, provide an overview of flood zones and floodways, provides an introduction to FIRMs and map changes, discusses permitting and ordinances, and other administrative procedures. This introductory course is designed for all audiences to provide a general understanding of floodplain administration.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input checked="" type="checkbox"/> Planners	<input checked="" type="checkbox"/> Administration/ Officials
<input checked="" type="checkbox"/> Fiscal	<input checked="" type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>



<b>Course: Managing Floodplain Development Through the National Flood Insurance Program (NFIP) – Regionally Modified</b>	
<b>Applicable FEMA Course ID:</b> Similar to L – 273	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person	
<b>Course Length:</b> 26 Hours or 4 Days	
<p><b>Course Description</b></p> <p>This course provides knowledge and skills to administer and enforce floodplain management regulations. The course focuses on the NFIP and concepts of floodplain management, flood maps and studies, ordinance administration, and the relationship between floodplain management and flood insurance. Furthermore, this course is geared to new and tenured floodplain administrators as it provides a comprehensive overview of the program, substantial improvement/substantial damage, map changes, roles and responsibilities before and after an event, and more.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input checked="" type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Requirements:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Map tutorials</a> (Under Other Tutorials)</li> </ul>

<b>Course: National Flood Insurance Program (NFIP) Best Practices</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person or Virtual	
<b>Course Length:</b> 6 Hours	
<p><b>Course Description</b></p> <p>This course provides a comprehensive understanding of Floodplain Management through a mixture of lecture and hands on activities. This course provides detailed information on using Flood Hazard Data and tools, administering floodplain ordinances, the permitting process, ordinance enforcement, pre and post disaster consideration, and changing FIRMs and FIS Reports. The course is designed for both new and tenured mitigation and floodplain management staff.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course: Letter of Map Change (LOMC) Fundamentals</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 1 Hours	
<p><b>Course Description</b></p> <p>This course is designed to provide a localized awareness level of completing a Letter of Map Change (LOMC). The course provides a look into why communities apply for a LOMC, the various types, understanding the LOMC Review Process, Online Tools, and Community Acknowledgement and Concurrence. This is a condensed and more specific training from the Floodplain 101 training, specifically for LOMCs.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course: Local Floodplain Manager Roles and Responsibilities – Regionally Modified</b>	
<b>Applicable FEMA Course ID:</b> Similar to G – 194.1	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 6 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-194. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-194.</p> <p>This Module focuses on a comprehensive review of major Floodplain Manager roles and the position within the community. The module further details recordkeeping that will assist with enhanced floodplain coordination, problem solving, handling violations, and maintaining regulatory responsibilities.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Map tutorials</a> (under Other Tutorials)</li> </ul>

<b>Course:</b> National Flood Insurance Program Rules and Regulations in Depth – Regionally Modified	
<b>Applicable FEMA Course ID:</b> Similar to G – 194.2	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 6 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-194. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-194.</p> <p>This module highlights construction restrictions within floodways, regulations that pertain to accessory and agriculture buildings, fuel tanks, and RVs. The course also contains various discussion-based scenarios designed to identify solutions to common compliance problems.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Map tutorials</a> (under Other Tutorials)</li> </ul>

<b>Course: Letters of Map Change – Regionally Modified</b>	
<b>Applicable FEMA Course ID:</b> Similar to G – 194.3	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 6 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-194. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-194.</p> <p>This module will discuss simple and complex Letters of Map Change. In addition, the major tenets of “No Adverse Impact” will be presented, as well as the implications of the Community Acknowledgement Form, and Technical Bulletin 10-01, additional job aids, and best practices.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Required Prerequisites:</b>	
<p><b>Other:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>FEMA Courses:</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Map tutorials</a> (under Other Tutorials)</li> </ul>

<b>Course: Preparing for Post-Disaster Responsibilities – Regionally Modified</b>	
<b>Applicable FEMA Course ID: G – 194.4</b>	
<b>Mitigation Branch/Team Training Responsibility: Floodplain Management and Insurance</b>	
<b>Available Delivery Method(s): In-Person and/or Virtual</b>	
<b>Course Length: 6 Hours</b>	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-194. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-194.</p> <p>This module focuses on pre-disaster planning to further enhance post-disaster operations planning, policies, and grant opportunities. This course will also provide an overview of substantial damage declaration and posting while identifying best practices to handle a resistant property owner.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Map tutorials</a> (under Other Tutorials)</li> </ul>

<b>Course: Higher Standards in Floodplain Management – Regionally Modified</b>	
<b>Applicable FEMA Course ID:</b> Similar to G – 282.1	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 6 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-282. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-282.</p> <p>This module is designed to advocate for higher standards through outreach efforts. The course focuses on how floodplains impact the environment, the importance of planning for future conditions, building higher and father back, and the Community Rating System (CRS) advantages.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ IS – 1101: Basic Agent Tutorial</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ IS – 1102: Theory of Elevation Rating</li> <li>▪ E/L – 0273: Managing Floodplain Development Through the NFIP</li> </ul>



<b>Course: Manufactured Homes and the NFIP – Regionally Modified</b>	
<b>Applicable FEMA Course ID:</b> Similar to G – 282.2	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 6 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-282. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-282.</p> <p>This module is focused on manufactured homes (homes) in the floodplain. Participants will learn how to recommend and implement measures to reduce damages to homes in the floodplain, apply current rules and standards, understand the insurance consequences of the homes, and identify way to reduce damages to RVs, park models, and modular homes.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ IS – 1101: Basic Agent Tutorial</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ IS – 1102: Theory of Elevation Rating</li> <li>▪ E/L – 0273: Managing Floodplain Development Through the NFIP</li> </ul>

<b>Course: NFIP Insurance Principles – Regionally Modified</b>	
<b>Applicable FEMA Course ID:</b> Similar to G – 282.3	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 6 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-282. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-282.</p> <p>This module is focused on the relationship between floodplain management and flood insurance. A few major components of this course will discuss the basic underwriting and rating criteria; Increased Cost of Compliance (ICC) eligibility requirements, triggers, and coverage components; claim procedures; and the relationship between ICC and FEMA grant programs.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Other:</b></p> <ul style="list-style-type: none"> <li>▪ IS – 1101: Basic Agent Tutorial</li> </ul>	<p><b>FEMA Courses:</b></p> <ul style="list-style-type: none"> <li>▪ IS – 1102: Theory of Elevation Rating</li> <li>▪ E/L – 0273: Managing Floodplain Development Through the NFIP</li> </ul>

<b>Course: Hydrology and Hydraulics Concepts – Regionally Modified</b>	
<b>Applicable FEMA Course ID:</b> Similar to G – 282.4	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 7 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-282. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-282.</p> <p>This module will describe the properties of water and the concept of a watershed. The module will also discuss hydrology and hydraulic (H&amp;H) methods and studies, while further detailing how H&amp;H data is used to develop Flood Insurance Studies. Furthermore, the course will advise when to involve H&amp;H experts and provides tools to explain H&amp;H consequences to elected officials.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ IS – 1101: Basic Agent Tutorial</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ IS – 1102: Theory of Elevation Rating</li> <li>▪ E/L – 0273: Managing Floodplain Development Through the NFIP</li> </ul>

<b>Course: Floodway Standards – Regionally Modified</b>	
<b>Applicable FEMA Course ID:</b> Similar to G – 284.1	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 6 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-284. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-284.</p> <p>This module focuses on floodway regulations and how to incorporate higher standards within it. The course will detail the regulatory requirements, methodologies to comply with no-rise certification requirements, as well as map change options for floodway modifications. This educational experience will incorporate interactive participation and best practices from participants.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ CFM or 2 yrs. of FPM experience</li> <li>▪ E/L – 0273: Managing Floodplain Development Through the NFIP</li> </ul>

<b>Course: Disconnects Between the NFIP Regulations and Insurance – Regionally Modified</b>	
<b>Applicable FEMA Course ID:</b> Similar to G – 284.2	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 6 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-284. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-284.</p> <p>This module identifies various methods to reduce compliance factors that impact insurance rates. The course will identify compliance and rating elements, in general, as well as for enclosures. In addition, the course will explain the differences between Lowest Flood Elevation and Base Flood Elevation (LFE/BFE), and rating differences in A-Zones without BFEs. The implications and benefits of other strategies, like floodproofing, will also be discussed.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ CFM or 2 yrs. of FPM experience</li> <li>▪ E/L – 0273: Managing Floodplain Development Through the NFIP</li> </ul>

<b>Course: Common Noncompliance Issues – Regionally Modified</b>	
<b>Applicable FEMA Course ID:</b> Similar to G – 284.3	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 5 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-284. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-284.</p> <p>This module covers common noncompliance issues faced by floodplain managers. The course describes effective messaging to achieve compliance; and the administration and enforcement measures to gain compliance. The course will work to identify ways to eliminate noncompliance and resources to aid the local FPM to resolve the issues.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ CFM or 2 yrs. of FPM experience</li> <li>▪ E/L – 0273: Managing Floodplain Development Through the NFIP</li> </ul>

<b>Course: Digital Flood Insurance Rate Maps – Regionally Modified</b>	
<b>Applicable FEMA Course ID:</b> Similar to G – 284.4	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 3.5 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-284. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-284.</p> <p>This module explains the overall purpose of floodplain mapping, how to coordinate the mapping process, and identifies way to gain public and political support for floodplain mapping. In addition, the course demonstrates how DFRIMs can be used, while concluding with the map change processes, impacts, and consequences.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ CFM or 2 yrs. of FPM experience</li> <li>▪ E/L – 0273: Managing Floodplain Development Through the NFIP</li> </ul>

<b>Course: Substantial Improvement/Substantial Damage – Regionally Modified</b>	
<b>Applicable FEMA Course ID:</b> Similar to G – 284.5	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 5 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-284. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-284.</p> <p>This module explains the substantial improvement and substantial damage (SI/SD) regulations under the NFIP. The course further details SI/SD roles and responsibilities and how to administer SI/SD in participating communities. The course concludes by explaining the significance of making SI/SD determinations and identify resources for mitigation assistance.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ CFM or 2 yrs. of FPM experience</li> <li>▪ E/L – 0273: Managing Floodplain Development Through the NFIP</li> </ul>



<b>Course: Building Code and National Flood Insurance Program (NFIP) Training</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person or Virtual	
<b>Course Length:</b> 1 Hours	
<p><b>Course Description</b></p> <p>The course will provide a foundational familiarization for floodplain administrators and building code officials. Floodplain administrators will become more familiar with building codes, and building code officials with floodplain ordinances. The course will further identify how building codes and floodplain ordinances overlap and have gaps. It will also conclude by discussing the different approaches to adopting floodplain management ordinances with building codes.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input type="checkbox"/> Planners	<input checked="" type="checkbox"/> Administration/ Officials
<input type="checkbox"/> Fiscal	<input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course: Building Code and National Flood Insurance Program (NFIP) Training: State Specific</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person or Virtual	
<b>Course Length:</b> 1 Hours	
<p><b>Course Description</b></p> <p>This course will follow the Building Codes and Floodplain Management Course while accounting for state specific policies, regulations, and restrictions.</p> <p>The course will provide a foundational familiarization for floodplain administrators and building code officials. Floodplain administrators will become more familiar with building codes, and building code officials with floodplain ordinances. The course will further identify how building codes and floodplain ordinances overlap and have gaps. It will also conclude by discussing the different approaches to adopting floodplain management ordinances with building codes.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course:</b> Advanced Building Science Series (I)	
<b>Applicable FEMA Course ID:</b> Similar to E/L/G – 2460	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person or Virtual	
<b>Course Length:</b> 28 Hours or 4 Days	
<p><b>Course Description</b></p> <p>This course provides engineers, architects, community building officials, and code administrators more advanced training on building science models. The course includes training on flood provisions of I-Codes and ASCE-24, Incorporating future risk into design, strategies for maximizing floodproofing success, steps to a successful elevation project, wind mitigation for buildings, and critical building performance for wind.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ Preferred Audience:                             <ul style="list-style-type: none"> <li>○ Engineers</li> <li>○ Architects</li> <li>○ Professionals with building science knowledge</li> </ul> </li> </ul>

<b>Course:</b> Advanced Building Science Series (I): Module 1: Flood Provisions of the I-Codes and ASCE-24	
<b>Applicable FEMA Course ID:</b> Similar to G – 2460.1	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 4 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-2460. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-2460.</p> <p>This module allows engineers and architects to better understand the flood provisions of the 2018 I-Codes, primary provisions of ASCE 24-14, additional flood provisions of building codes and standard to satisfy the NFIP requirements for buildings, and discussing various methods of compliance.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ Preferred Audience:                             <ul style="list-style-type: none"> <li>○ Engineers</li> <li>○ Architects</li> <li>○ Professionals with building science knowledge</li> </ul> </li> </ul>

<b>Course:</b> Advanced Building Science Series (I): Module 2: Incorporating Future Conditions into Flood Design	
<b>Applicable FEMA Course ID:</b> Similar to G – 2460.2	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 4 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-2460. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-2460.</p> <p>This module allows engineers and architects to better understand how to use applied data to determine how future increased flood conditions may impact buildings, identify ways to inform and communicate to building owners, and document discussed assumptions with business owners.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ Preferred Audience:                             <ul style="list-style-type: none"> <li>○ Engineers</li> <li>○ Architects</li> <li>○ Professionals with building science knowledge</li> </ul> </li> </ul>

<b>Course:</b> Advanced Building Science Series (I): Module 3: Strategies for Maximizing Floodproofing Success	
<b>Applicable FEMA Course ID:</b> Similar to G – 2460.3	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 4 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-2460. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-2460.</p> <p>This module provides engineers and architects information on floodproofing. It consists of floodproofing objectives and risk assessments; dry floodproofing regulations, codes, and standards; design considerations for new and existing buildings; and floodproofing maintenance.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ Preferred Audience:                             <ul style="list-style-type: none"> <li>○ Engineers</li> <li>○ Architects</li> <li>○ Professionals with building science knowledge</li> </ul> </li> </ul>

<b>Course:</b> Advanced Building Science Series (I): Module 4: Steps to a Successful Elevation	
<b>Applicable FEMA Course ID:</b> Similar to G – 2460.4	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 4 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-2460. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-2460.</p> <p>This module provides engineers and architects with the overall knowledge of elevation projects. The course details community goals, laws, and regulations that govern an elevation project; design requirements for candidate homes; responsibilities for elevation project management; and discussing benefits and challenges for elevations.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ Preferred Audience:                             <ul style="list-style-type: none"> <li>○ Engineers</li> <li>○ Architects</li> <li>○ Professionals with building science knowledge</li> </ul> </li> </ul>

<b>Course:</b> Advanced Building Science Series (I): Module 5: Wind Mitigation for Buildings: Policies & Procedures for Successful Recovery	
<b>Applicable FEMA Course ID:</b> Similar to G – 2460.5	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 4 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-2460. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-2460.</p> <p>This module informs engineers and architects of the wind provisions of consensus codes and reference standards to support pre- and post-disaster FEMA programs involving wind. In addition, this module discusses requirements for developing FEMA wind hazard mitigation projects while emphasizing its benefit.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ Preferred Audience:                         <ul style="list-style-type: none"> <li>○ Engineers</li> <li>○ Architects</li> <li>○ Professionals with building science knowledge</li> </ul> </li> </ul>



<b>Course:</b> Advanced Building Science Series (I): Module 6: Critical Building Performance for Wind	
<b>Applicable FEMA Course ID:</b> Similar to G – 2460.6	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person and/or Virtual	
<b>Course Length:</b> 3.5 Hours	
<p><b>Course Description</b></p> <p>This course is a regionally modified module derived from EMI’s L-2460. While this specific module does not provide EMI recognized credit, it supplies the regional partner with a shorter “just in time” style training on the specific unit of its parent L-2460.</p> <p>This module provides engineers and architects a deeper dive on wind mitigation compared to Module 5. The course will focus further on wind provisions, that support pre- and post-disaster wind related FEMA grant programs and wind related hazard mitigation.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ Preferred Audience:                             <ul style="list-style-type: none"> <li>○ Engineers</li> <li>○ Architects</li> <li>○ Professionals with building science knowledge</li> </ul> </li> </ul>

<b>Course:</b> International Codes & The NFIP Flood Provisions 2021 I-Code Edition	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person or Virtual	
<b>Course Length:</b> 1.5 Hours	
<p><b>Course Description</b></p> <p>This course provides an overview of the 2021 International Codes and NFIP Flood Provisions. The course is designed to provide an overview of the importance of building codes, the International Codes (I-Codes) and how they are developed, as well as code adoption. The course will conclude with specific changes in the 2021 building code changes as well as ways to maximize FEMA funding opportunities to incorporate, advertise, and enforce the changes.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course: FEMA Substantial Damage Estimator Tool Webinar Series on YouTube: SDE Module 1: Purpose of the SDE Tool</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> FEMA Headquarters	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 15 minutes	
<p><b>Course Description</b></p> <p>This course provides an overview of the Substantial Damage Estimator (SDE) Tool. The course is created for novice and seasoned damage inspectors. The course covers the SDE Tool background, NFIP requirements, and general guidance for making determinations. The course further references where to access the SDE Tool, field guide, and user manual. Before diving deeper into the overall damage assessment process and general safety tips, the course conducts an overview of the SDE tool while providing a visual of the various inputs and its imbedded features.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
<b>View the FEMA Webinar Course <a href="#">Here</a></b>	

<b>Course: FEMA Substantial Damage Estimator Tool Webinar Series on YouTube: SDE Module 2: Substantial Damage Basics</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> FEMA Headquarters	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 8 Minutes	
<p><b>Course Description</b></p> <p>This module provides general guidance for substantial damage basics, determining cost values for structures, and providing information on the SDE Tool and its results and limitations. The course defines which areas and what type of events would require substantial damage determinations. The course also provides an overview of determining building cost values by further defining and determining when to use actual cost values, building replacement values, and fair market values. The course concludes by describing the difference between SDE damage and repair costs while breaking down the 6 different types of depreciation used within the tool.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
<b>View the FEMA Webinar Course <a href="#">Here</a></b>	

<b>Course:</b> FEMA Substantial Damage Estimator Tool Webinar Series on YouTube: SDE Module 3: Basic Features of the Substantial Damage Estimator Tool	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> FEMA Headquarters	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 6 Minutes	
<p><b>Course Description</b></p> <p>This module provides a short overview of the SDE Tool and features. The instructor walks the user through the homepage, toolbar, searching a record, bulk editor, adding a residential/non-residential assessment, import/export settings or mapping from/to an external file, and viewing reports. This module is designed to be a navigational introduction for Module 4 where the content will go more in depth.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
<b>View the FEMA Webinar Course <a href="#">Here</a></b>	

<b>Course:</b> FEMA Substantial Damage Estimator Tool Webinar Series on YouTube: SDE Module 4: How to Use the Substantial Damage Estimator Tool	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> FEMA Headquarters	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 20 Minutes	
<p><b>Course Description</b></p> <p>This module takes a much deeper dive into creating and modifying residential and non-residential assessments. The course conducts a step-by-step walkthrough for each section within the assessment which include the Address Tab, Structure/Damage/NFIP Tab, Cost Tab, Element Percentages Tab, Output Summary Tab, and the Photos Tab. The module also provides an additional step-by-step instruction on how to import and export information to and from an external source while avoiding errors and step-by-step instructions on how to create a report from the SDE Tool and the various report types a user can select.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
<b>View the FEMA Webinar Course <a href="#">Here</a></b>	

<b>Course: FEMA Substantial Damage Estimator Tool Webinar Series on YouTube: SDE Module 5: Residential and Non-Residential SDE</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> FEMA Headquarters	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 30 Minutes	
<p><b>Course Description</b></p> <p>This module covers a comprehensive overview on how the various structure types, structure attributes, quality, cost adjustments, element percentages, and damages by elements when completing residential and non-residential assessments. The module details the difference between modular and manufactured homes. It also details the various foundation types, superstructures, exterior finishes, roof coverings, HVAC systems, and how to address multiple stories and basements. The course will also inform the user on how to standardize the element of percentages further emphasizing which elements should and should not be included in the assessment.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
<b>View the FEMA Webinar Course <a href="#">Here</a></b>	

<b>Course: FEMA Substantial Damage Estimator Tool Webinar Series on YouTube: SDE Module 6: Field Preparation</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> FEMA Headquarters	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 9 Minutes	
<p><b>Course Description</b></p> <p>This module informs perspective inspectors on how to conduct field inspections. The course highlights pre-disaster planning and field preparations. The course covers pre- and post-event tools and information for consider for general inspections like maps, equipment, team planning, advanced notices for private properties, group inspections, and determining overall procedures. The module also provides considerations for interior and exterior inspections while discussing the differences between general home inspections compared to manufactured home inspections.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
<b>View the FEMA Webinar Course <a href="#">Here</a></b>	



<b>Course: FEMA Substantial Damage Estimator Tool Webinar Series on YouTube: SDE Module 7: Percent Damage Estimations</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> FEMA Headquarters	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 30 Minutes	
<p><b>Course Description</b></p> <p>This module explains, in detail, the different ways to view damages and how to estimate the damage percentages for residential and non-residential structures. The course covers specific examples and percentage determinations for damages in the foundation, superstructure, roof coverings, exterior finishes, interior finishes, doors, windows, cabinets, countertops, floor finishes, plumbing, electrical systems, major appliances, and HVAC systems of a structure.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
<b>View the FEMA Webinar Course <a href="#">Here</a></b>	

<b>Course: FEMA Substantial Damage Estimator Tool Webinar Series on YouTube: SDE Module 8: Field Inspections</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> FEMA Headquarters	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 4 Minutes	
<p><b>Course Description</b></p> <p>This module provides a brief overview of how to conduct field inspections at a location. The course explains safety tips and best practices for parking, conversing with the structure’s owner, measuring/determining damages, taking photos, and more.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input type="checkbox"/> Planners	<input checked="" type="checkbox"/> Administration/ Officials
<input type="checkbox"/> Fiscal	<input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
<p><b>View the FEMA Webinar Course <a href="#">Here</a></b></p>	

<b>Course: FEMA Substantial Damage Estimator Tool Webinar Series on YouTube: SDE Module 9: Using SDE Collection Results</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> FEMA Headquarters	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 4 Minutes	
<p><b>Course Description</b></p> <p>This module provides a brief explanation on the approved methods for FEMA’s SDE data collection, the importance of adopting a community wide approach, and preparing determination letters. The course discusses how to calculate substantial damage and the various ways to consider accumulated damage as substantial damage over time. The course also provides options to identify the best approach or selection choice for SDE tool inputs and concludes by providing the process and procedure on issuing a required substantial damage determination letter.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
<b>View the FEMA Webinar Course <a href="#">Here</a></b>	

<b>Course:</b> FEMA Substantial Damage Estimator Tool Webinar Series on YouTube: SDE Module 10: Community Approach to Substantial Damage Determinations	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> FEMA Headquarters	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 6 Minutes	
<p><b>Course Description</b></p> <p>This module prepares the community on how to be prepared for substantial damage appeals and how the SDE tool can help. The module discusses situations that may result in a substantial damage appeal and the overall appeal process. The course briefly explains what to look for when reviewing an appeal, how to reissue a substantial damage determination if the appeal is accepted, and how to properly document and maintain documentation if the appeal is rejected.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
<p><b>View the FEMA Webinar Course <a href="#">Here</a></b></p>	

<b>Course: Substantial Improvement/Substantial Damage Overview Training</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person or Virtual	
<b>Course Length:</b> 1 Hours	
<p><b>Course Description</b></p> <p>This course provides an overview of the substantial improvement and substantial damage (SI/SD) requirements of the National Flood Insurance Program (NFIP). Th course is designed to provide communities with acceptable options for repair costs, provide ways to determine pre-market value, and how to properly calculate the SI/SD ratio. The course will conclude with additional information on how communities can better develop or improve local administrative procedures.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input type="checkbox"/> Planners	<input checked="" type="checkbox"/> Administration/ Officials
<input type="checkbox"/> Fiscal	<input type="checkbox"/> First/Support Responders
<b>Required Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ Held within 30 days prior of a scheduled SI/SD Workshop</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course: Substantial Damage Administrative Plan Workshop</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person	
<b>Course Length:</b> 6 Hours	
<p><b>Course Description</b></p> <p>This course provides substantial damage fundamentals to assist communities in developing or revising a new local administrative procedure for the substantial damage process. The course links the fundamentals with community checklists and self-assessment steps to encourage stakeholder participation during the workshop. Furthermore, this participation further incorporates local ordinances to help tailor and personalize the community’s new administrative procedure.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input checked="" type="checkbox"/> Planners	<input checked="" type="checkbox"/> Administration/ Officials
<input type="checkbox"/> Fiscal	<input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ Held within 30 days prior of a scheduled SI/SD Overview Training</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course: Substantial Damage Inspection Procedures</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> Floodplain Management and Insurance	
<b>Available Delivery Method(s):</b> In-Person or Virtual	
<b>Course Length:</b> 1 Hours	
<p><b>Course Description</b></p> <p>This course provides a brief overview of how to utilize the Substantial Damage Estimator tool and how to incorporate it in the field. Additionally, this course is designed to be interactive, with a question-and-answer format, to better engage participants on how to properly complete the SDE residential worksheet. This course consolidates the information in the FEMA SDE Tool YouTube Series into a shorter interactive format.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>

<b>Course:</b> Community Rating System Certification Webinar Series on YouTube: Video 1: CRS Overview	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> FEMA Headquarters	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 10 Minutes	
<p><b>Course Description</b></p> <p>This module provides an overview of the CRS program describing who can participate, how communities can participate, who administers the program, and why the CRS program exists. The webinar also breaks down the class levels and how many communities typically reside within each class. The course continues to inform viewers on how mitigation efforts can impact CRS and describes the overall application process to join the CRS.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
View the Video <a href="#">Here</a>	



<b>Course:</b> Community Rating System Certification Webinar Series on YouTube: Video 2: Preparing for CRS Verification Visit	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> FEMA Headquarters	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 20 Minutes	
<p><b>Course Description</b></p> <p>This module explains the verification visit process, the types of visits visit preparation, and scoring. The course also works to outline which activities should be submitted ahead of a schedule visit to help expedite the verification processes. The majority of the module conducts provides instruction on completing the CC-213 Program Data Table while also providing a general walkthrough on documenting each activity required for submission. The course concludes with additional tips and tricks for a successful visit.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
<b>View the Video <a href="#">Here</a></b>	

<b>Course:</b> Community Rating System Certification Webinar Series on YouTube: Video 3: Preparing a CRS Annual Recertification	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> FEMA Headquarters	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 20 Minutes	
<p><b>Course Description</b></p> <p>This module provides an overview of the annual recertification, why annual recertification is important, and what documentation is necessary or required each year. The course provides information on the Central Review Process and who is involved in this process for communities. The process details when communities will receive the recertification packet, how to complete the packet, what documentation is required, how to properly attach necessary documentation to the report, and when the annual recertification packet is not required. The course also includes helpful tips on how to submit recertification information more smoothly and discusses repercussions for not submitting required documentation. The course concludes by highlighting changes made in the 2021 update to the recertification processes.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
View the Video <a href="#">Here</a>	

<b>Course: Community Rating System Certification Webinar Series on YouTube: Video 4: CRS Repetitive Loss Properties</b>	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> FEMA Headquarters	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 26 Minutes	
<p><b>Course Description</b></p> <p>This module provides detailed information for sections 501 – 505 of the CRS. The video addresses the importance of why CRS requires communities to address Repetitive Loss properties. The course also provides understanding the familiarity of the credit criteria and the documentation requirements for Cat A, B, and C Communities. It further defines the worksheets that are required to complete each activity and how to update them. It concludes by discussing the Privacy Act and how to successfully navigate it and still meet CRS requirements.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management
<input checked="" type="checkbox"/> Planners	<input type="checkbox"/> Administration/ Officials
<input checked="" type="checkbox"/> Fiscal	<input type="checkbox"/> First/Support Responders
<b>Required Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
<b>View the Video <a href="#">Here</a></b>	

<b>Course:</b> Community Rating System Certification Webinar Series on YouTube: Video 5: CRS Activity 610 – Flood Warning & Response	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> FEMA Headquarters	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 30 Minutes	
<p><b>Course Description</b></p> <p>This module provides information for Activity 610 including the background to the activity, what is important to document for meeting basic criteria, and provide examples of credible sub elements. The course explains the changes for Activity 610 between the CRS Manual 2013 and 2017. Furthermore, the course details step-by-step instructions on how to complete and document the necessary components of the Activity and the subcomponents of FTR, EWD, FRO, and CFP.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input checked="" type="checkbox"/> Emergency Managers	<input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input type="checkbox"/> Administration/ Officials <input checked="" type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
<b>View the Video <a href="#">Here</a></b>	

<b>Course:</b> Community Rating System Certification Webinar Series on YouTube: Video 6: CRS 310 Changes for 2021	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> FEMA Headquarters	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 25 Minutes	
<p><b>Course Description</b></p> <p>This module provides an overview and in depth discussion on Class 9 prerequisites, Activity 310 scope and review changes, transitioning to the new system, and how to prepare. The instructor provides new minimum requirements required for communities to maintain their CRS standing. In addition, the training discusses the various certificates required (CCMP, ECPO, ECPR) for Activity 310 while also advising on which cycles an require the ISO to evaluate each certificate. The course concludes with how the 2021 changes will ultimately impact communities, ISO, FEMA, CRS, and NFIP.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input type="checkbox"/> Planners <input type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
<b>View the Video <a href="#">Here</a></b>	

<b>Course:</b> Community Rating System Certification Webinar Series on YouTube: Video 7: CRS Credit for Conservation & Recovery of Threatened & Endangered Species	
<b>Applicable FEMA Course ID:</b> n/a	
<b>Mitigation Branch/Team Training Responsibility:</b> FEMA Headquarters	
<b>Available Delivery Method(s):</b> Virtual	
<b>Course Length:</b> 45 Minutes	
<p><b>Course Description</b></p> <p>This module provides an overview of the Endangered Species Act and how it is tied to CRS. The course provides information and a general walkthrough on the FRESH Mapping Tool to identify areas where species are identified on the Federal Registrar. In addition, the FRESH mapper provides users with additional analysis concepts explained in the webinar. The course details the new CRS credit that communities may receive. It directs users to the new CRS Manual where this information has been amended, as well as provides useful tips on how to successfully integrate Endangered Species.</p>	
<b>Intended State/Local/Tribal Audience</b>	
<input type="checkbox"/> Emergency Managers <input checked="" type="checkbox"/> Floodplain Management <input checked="" type="checkbox"/> Planners <input checked="" type="checkbox"/> Administration/ Officials <input type="checkbox"/> Fiscal <input type="checkbox"/> First/Support Responders	
<b>Prerequisites:</b>	
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>	<p><b>Recommended:</b></p> <ul style="list-style-type: none"> <li>▪ n/a</li> </ul>
View the Video <a href="#">Here</a>	

## **Training Catalog Appendices**

**Appendix A: All Course Logistics/Checklist**

**Appendix B: Course Specific Logistics/Checklists**

**Appendix C: Course Requests and Requests Modifications**

**Appendix D: Region 3 Course Instructors**

**Appendix E: Internal Reference for Course Materials**

**Appendix F: Common Acronym List**