

# AGENDA

## 2020 INTERAGENCY FLOOD RISK MANAGEMENT TRAINING SEMINARS

FEBRUARY 25-28, 2020 | ST. LOUIS, MO



### THE 2020 INTERAGENCY FLOOD RISK MANAGEMENT TRAINING SEMINARS WILL:

**Unify** new and continuing flood risk management team members.

**Promote** repeatable and achievable successes in flood risk management.

**Enhance** capability to deliver integrated and adaptive approaches to flood risk management.

## TUESDAY, FEBRUARY 25, 2020

1:00 – 2:00 PM

Auditorium

### SESSION 1: WELCOME & INTRODUCTORY SEMINAR – BREAKING THE CYCLE

**INSTRUCTED BY:** Major John J. Miller, USACE St. Louis District; Michael Ward, Gateway Arch National Park, NPS; Mark Roupas, HQUSACE; and Dave Maurstad, FEMA Headquarters.

This session will demonstrate opportunities to break the “damage-rebuild” cycle in flood risk management and provide illustrative examples of how interagency collaboration can be used to accomplish this. The session will also discuss changes that are being made or could be made, moving forward, to improve the ability to break the cycle based on past lessons learned.

2:00 – 3:00 PM

Auditorium

### SESSION 2: A FLOOD RISK MANAGEMENT RETROSPECTIVE – HOW FAR HAVE WE COME?

**INSTRUCTED BY:** Aimee Bartlett, Iowa Department of Homeland Security and Emergency Management; and Carrie Grassi, New York City Mayor’s Office of Resiliency.

This session will examine changes in recent decades that arose from particular lessons learned during major flood events and from perceived needs regarding how flood risk management options were delivered. The session will emphasize state and local perspectives. Instructors will review the events, drivers, and circumstances leading to particular changes that advanced flood risk management, utilizing specific examples to demonstrate the lessons learned and successes achieved. They will explain how these changes contributed to “breaking the cycle,” identify remaining challenges, and articulate implications for further progress.

3:00 – 3:30 PM

### BREAK

Interagency flood risk management projects poster session.

3:30 – 4:30 PM

Auditorium

### SESSION 3: WHAT’S NEW (AND WHAT DOES IT MEAN?) – PRACTICES AND POLICY EDITION

**INSTRUCTED BY:** Lisa Kiefel, HQUSACE, Drew Parker, EPA Region 4, Stacy Robarge-Silkiner, FEMA Region VII, and Michael Mierzwa, California Department of Water Resources.

This session will review a variety of recent and anticipated policy changes related to flood risk management. Instructors will describe the policy changes, review their implications, and identify opportunities that may arise due to these changes for improving flood risk management.

# 2020 INTERAGENCY FLOOD RISK MANAGEMENT TRAINING SEMINARS AGENDA

**4:30 – 5:30 PM**

Auditorium, 3rd, 4th, 6th  
or Cafeteria Conference  
Rooms

## **SESSION 4: GROUP EXERCISE #1 – WORKING TOGETHER THROUGH FRM CHALLENGES**

Teams select an unresolved flood risk challenge as a case study and evaluate how interagency collaboration and coordination can be used to break the flood risk management cycle. They will consider the drivers and circumstances leading to prior flood risk management advances and the opportunities presented by recent and anticipated policy changes related to flood risk management.

# WEDNESDAY, FEBRUARY 26, 2020

**7:30 – 8:30 AM**

## **OPTIONAL: EARLY BIRD SESSIONS/OPTIONAL TOPICS**

Limited reserved space and common spaces will be available for teams to conduct side meetings or host short optional sessions on topics of interest to workshop participants. Topics include:

- Multi-hazard Tournament 101
- Other topics TBD

**8:30 – 10:00 AM**

Auditorium

## **SESSION 5: WHAT'S NEW (AND WHAT DOES IT MEAN?) – TECHNOLOGY EDITION**

**INSTRUCTED BY:** Robert Mason, USGS; Joseph Gutenson, NOAA; William Lehman, USACE Hydrologic Engineering Center; and Jason Sheeley, USACE Kansas City District.

This session will provide an overview of select new technologies and data sharing platforms and their implications for flood risk management. Instructors will describe various technological changes, recently available and under development, and will provide specific examples illustrating how their implementation positively impacts flood risk management at all levels of government. Instructors will also review technology connections across agencies, efforts toward improved alignment and connectivity, and the potential for further improvements.

**10:00 – 10:30 AM**

## **BREAK**

Interagency flood risk management efforts poster session.

**10:30 AM – 12:00 PM**

## **SESSION 6: PRACTICAL APPLICATION OF DATA, MODELS & TOOLS**

This session will provide additional understanding of data, models, and tools available for flood risk management. A variety of datasets, tools, and models will be discussed and interagency practical application examples will be shared. Concurrent small class sessions will focus on:

Auditorium

### **1. Riverine Data, Models & Tools**

**INSTRUCTED BY:** Lea Adams, USACE Hydrologic Engineering Center; Dr. Cary Talbot, USACE Engineer Research and Development Center; and Alan Haynes, NOAA National Weather Service.

This session will focus on various tools, data, and resources available to improve understanding of riverine flood risk. Discussion will focus on new tools and resources available to better predict atmospheric river events and their potential flood damage impacts, providing an overview of the tools available to use in different riverine flood risk management situations from the Hydrologic Engineering Center and other sources.

4th Floor Conference  
Room

### **2. Coastal Data, Models & Tools**

**INSTRUCTED BY:** Dr. Kirk Waters, NOAA; Kara Doran, USGS; and Donald Cresitello, USACE North Atlantic Division.

This session will focus on various sources of coastal data and tools throughout the interagency community to assist the Flood Risk Management community in developing a more complete picture of flood risk in coastal environments. Discussion will include finding and accessing relevant data sets, interagency data coordination, finding forecasts and data through the USGS Coastal Change Hazards Portal, and use of the software HURREVAC for assessing tropical cyclone impacts, evacuation planning, and more.

# 2020 INTERAGENCY FLOOD RISK MANAGEMENT TRAINING SEMINARS AGENDA

3rd Floor Conference Room

## 3. University Partners

**INSTRUCTED BY:** **Dr. Nathan Young**, University of Iowa, Iowa Flood Center; **Dr. Allison Reilly**, University of Maryland Center for Disaster Resilience; and **Kurt Donaldson**, West Virginia University.

This session will focus on ways in which partnership efforts can benefit flood risk and emergency management activities, including the additional resources they can bring to Silver Jackets team priority efforts. Presenters from the University of Iowa's Iowa Flood Center, the University of Maryland's Center for Disaster Resilience, and the West Virginia GIS Technical Center of West Virginia University will provide insight into their participation on local Silver Jackets team efforts in Iowa, the District of Columbia, and West Virginia.

Cafeteria Conference Room

## 4. Tools and Resources for Plan Development

**INSTRUCTED BY:** **Dr. Therese McAllister**, NIST; and **Terry Zien**, USACE St. Paul District.

This session will focus on a variety of tools and resources available to help state and community officials in developing plans for community resilience to flood and other hazard-related risk. The Community Resilience Planning Guide and related supplementary resources developed by NIST will be featured, along with the Emergency Action Plan Guidebook developed by the Minnesota Silver Jackets team. The session discussion will highlight examples of the implementation of planning processes that enabled communities to consider the physical and social elements of their communities to connect mitigation, response, and recovery phases as part of the broader resilience planning efforts.

6th Floor Conference Room

## 5. Tabletop Exercise Tools and Resources

**INSTRUCTED BY:** **Dr. Steven Diaz**, USACE Readiness Support Center; and **Charles Goad**, USACE Huntington District.

This session will focus on the tools and resources available for use in planning and conducting a tabletop exercise. Additionally, benefits that the tabletop exercises provide to local stakeholders will be discussed, along with how these exercises can be leveraged beyond the tabletop event itself. The session will include the lessons learned, tools applied, and examination accomplished for an interagency tabletop exercise held by the USACE Huntington District in July 2019 in Pike County, Kentucky.

**12:00 – 1:30 PM**

**LUNCH**

**1:30 – 3:00 PM**

## SESSION 7: SPECIAL HAZARDS IN FLOOD RISK MANAGEMENT

Each small class session will highlight the risks and impacts for specific regional flood hazard types. Case studies will highlight effective and appropriate flood risk management strategies to reduce or eliminate impacts. Concurrent small class sessions will focus on:

Cafeteria Conference Room

### 1. Hurricanes/Coastal Flooding

**INSTRUCTED BY:** **Chris Darnell**, USFWS; **Rebecca Lupes**, FHWA; and **Daniel Bass**, FEMA Headquarters.

The session will focus on programs and projects that demonstrate how to achieve resilience from hurricanes, storm surge, flooding, etc. in a coastal environment. Highlighted will be the U.S. Fish and Wildlife Service Coastal Program, the Federal Highway Administration Resilience Pilot Projects and related resources, and the Federal Emergency Management Agency Building Science programs and findings.

4th Floor Conference Room

### 2. Ice Jam Flooding

**INSTRUCTED BY:** **Roger Kay**, USACE Omaha District; **Joe Rocks**, USACE Cold Regions Research & Engineering Laboratory; **Katherine Chase**, USGS; **Nathan Robbins**, Maine Department of Environmental Protection; and **Jennifer Nelson**, Minnesota Division of Homeland Security and Emergency Management.

The session will describe the conditions that contribute to ice jam-related flooding, how to mitigate these conditions to reduce its occurrence, and how to prepare and respond when ice jam flooding is inevitable.

# 2020 INTERAGENCY FLOOD RISK MANAGEMENT TRAINING SEMINARS AGENDA

3rd Floor Conference Room

## 3. Great Lakes Flood Challenges

**INSTRUCTED BY:** **Patrick Kuhne**, USACE Detroit District; **Lauren Fry**, USACE Detroit District; and **Jeffery Schultz**, Detroit General Services Department.

The session will describe issues and challenges related to historically high Great Lakes water levels. Instructors will describe the hydrologic conditions that have contributed to these high levels and discuss flooding challenges and response options that have been identified to manage or mitigate associated impacts and risks. The City of Detroit's response to this challenge will be shared.

Auditorium

## 4. Urban Flooding

**INSTRUCTED BY:** **Doug Plasencia**, ASFPM Foundation; **Nicholas Bonard**, District of Columbia Department of Energy & Environment; and **Richard Fisher**, Metropolitan Water Reclamation District of Greater Chicago.

The ASFPM Foundation will start the session by sharing its national policy recommendations for improving urban flood resiliency. The session will include presentations about strategies two of the largest urban areas in the United States are taking to address urban flooding challenges. Topics include Washington, DC's efforts to address cloudburst flooding, how to map it, and early plans to use blue-green infrastructure to reduce its risk and the use of green infrastructure and unique partnerships in the Chicago metropolitan area.

6th Floor Conference Room

## 5. Flood After Wildfire

**INSTRUCTED BY:** **Katherine Rowden**, NOAA National Weather Service; **Bronson Smart**, NRCS; **Chris Holbeck**, NPS; **Melissa Weymiller**, USACE Sacramento District; **Tyre Holfeltz**, Idaho Department of Lands; and **Michael Mierzwa**, California Department of Water Resources.

Federal and state agencies will describe the expertise, resources, and programs available to assist communities with post-wildfire recovery and mitigation, specifically as it pertains to flood and debris flow hazards. Round table participants will also share advance actions that communities can take to minimize risk before a fire happens and the immediate steps to take after a wildfire to be more resilient.

3:00 – 3:30 PM

## BREAK

Interagency flood risk management efforts poster session.

3:30 – 4:30 PM

Auditorium

## SESSION 8: BRINGING PEOPLE INTO THE FLOOD RISK MANAGEMENT EQUATION — UNDERSTANDING SOCIAL VULNERABILITY

**INSTRUCTED BY:** **Dr. Lori Peek**, Natural Hazards Center, University of Colorado Boulder; and **Mitch Paine**, King County, Washington.

This session will highlight the importance of identifying disadvantaged or socially vulnerable populations in communities and understanding their challenges to achieve more flood resilient communities.

4:30 – 5:30 PM

## SESSION 9: PRACTICAL APPLICATION OF RISK COMMUNICATION AND NON-MONETARY SOCIAL BENEFITS CONCEPTS

This session will provide case studies demonstrating risk communication and social vulnerability measures and provide guidance for incorporating risk communication and/or non-monetary social benefits in flood risk management. Concurrent small class sessions will focus on:

4th Floor Conference Room

## 1. Effective Use of Social Media and Innovative Technologies

**INSTRUCTED BY:** **Andrew Trealease**, Regional Flood Control District, Clark County, NV; **John Ingargiola**, FEMA Headquarters.

Reaching your audience has never been easier with the use of social media and new technologies. However, it is difficult to create effective social media to get your audience's attention, specifically when the message is on flood safety and flood risk reduction. This session will provide examples of effective media campaigns, including virtual reality, to reach an audience in a world overwhelmed by media messages.

# 2020 INTERAGENCY FLOOD RISK MANAGEMENT TRAINING SEMINARS AGENDA

3rd Floor Conference Room

## 2. Risk Communication Activities in the Community Rating System (CRS)

**INSTRUCTED BY:** **Bill Lesser**, FEMA Headquarters; **Worby McNamee**, Montana Department of Natural Resources and Conservation; and **Paul Sclafani**, USACE Portland District.

Risk communication and outreach activities are some of the most efficient and effective ways to obtain CRS credit for your community. However, navigating the CRS system and understanding what is creditable can be challenging. This session will provide best practices and concrete examples for CRS activities focused on risk communication, including specific project examples from interagency efforts.

6th Floor Conference Room

## 3. Communication Implications for Social Vulnerability Across the Disaster Lifecycle

**INSTRUCTED BY:** **Dr. Nnenia Campbell**, Natural Hazards Center, University of Colorado – Boulder.

This session synthesizes best practices guidance and academic research on risk communication in the context of hazards and disasters. It draws from an array of recommendations about communicating risk across the disaster lifecycle and narrows them down into three overarching principles. Additionally, key takeaways will include how these insights can be applied to communications involving socially vulnerable populations. This session aims to highlight how general, familiar guidelines can be thoughtfully applied to target groups that are often overlooked or difficult to reach. A newly developed tool will be shared with attendees to obtain their input on how to best relay these insights to USACE personnel and partners.

Cafeteria Conference Room

## 4. Non-Monetary Social Benefits in Interagency Efforts

**INSTRUCTED BY:** **Travis Ball**, USACE Seattle District; **Shawn Sullivan**, USACE St. Louis District; and **Evan Stewart**, USACE St. Louis District.

It can be difficult to describe all of the benefits that develop from interagency efforts, especially the non-monetary social benefits. This session will provide examples of non-monetary social benefits associated with interagency FPMS efforts.

Auditorium

## 5. Communicating Technical Information

**INSTRUCTED BY:** **Rachel Hogan Carr**, Nurture Nature Center; and **Jennifer L. L. Gitt**, USACE Omaha District.

Communicating technical information, especially regarding levee safety and forecasting data, is both an art and a science. Converting your technical information into a digestible message that will catch your audience's attention can be challenging. This session will provide case studies of improving flood risk communication through forecasts and other technical tools and effective levee safety communication.

# THURSDAY, FEBRUARY 27, 2020

7:30 – 8:30 AM

## OPTIONAL: EARLY BIRD SESSIONS/OPTIONAL TOPICS

Limited reserved space and common spaces will be available for teams to conduct side meetings or host short optional sessions on topics of interest to workshop participants. Topics include:

- Working with Tribes/Tribal Partnership Program
- Levee Safety Inventory and Review
- FEMA IMMERSED: A VR Experience About Flood & Resilience

Cafeteria Conference Room

# 2020 INTERAGENCY FLOOD RISK MANAGEMENT TRAINING SEMINARS AGENDA

**8:30 – 9:45 AM**

Auditorium

## **SESSION 10: NATURAL AND NONSTRUCTURAL APPROACHES**

**INSTRUCTED BY:** **Lea Adams**, USACE Hydrologic Engineering Center; **Nick Sims and Nik Richard**, USACE New Orleans District; **Barbara Charry**, The Nature Conservancy, Missouri Chapter; and **Scott Covington**, USFWS.

This session will review various natural and nonstructural approaches to reducing flood risk management, explain implementation opportunities and particular benefits, and offer specific illustrative examples to demonstrate results achieved. Instructors will describe a variety of approaches, taking care to explain the different terminology used and the specific meaning, in certain contexts. They will review implementation opportunities, which in some instances can be carried out by private and non-governmental organizations, and offer advice regarding identifying the specific benefits deriving from their use. Instructors will provide case studies to demonstrate application examples and specific results achieved.

**9:45 – 10:15 AM**

Cafeteria Conference Room

## **BREAK**

Interagency flood risk management efforts poster session.

FEMA IMMERSED: A VR Experience About Flood & Resilience

**10:15 – 11:30 AM**

Auditorium

## **SESSION 11: GETTING IT DONE – COLLABORATING TO ADVANCE A REGIONAL FLOOD RISK MANAGEMENT APPROACH**

**INSTRUCTED BY:** **Michael Ku**, FEMA Region VI; **Jeffrey Giering**, Louisiana Governor's Office of Homeland Security and Emergency Preparedness; **Evelyn Campo**, Louisiana Office of Community Development; and **Shawn M. Strange**, Texas General Land Office.

This session will describe how to leverage multiple agency programs, funding, and expertise to implement disaster recovery and mitigation actions. Federal and state partners will describe opportunities to collaborate to advance regional strategic recovery and mitigation approaches.

**11:30 AM – 12:00 PM**

Auditorium

## **SESSION 12: GETTING TO KNOW OUR FRM PARTNERS**

Every potential partner has a different mission with different programs and opportunities for interagency collaboration. Teams can work better together if they understand each other's abilities and limitations. Subject matter experts will provide a brief overview of their mission, programs, and opportunities for interagency collaboration. This will provide teams with a more comprehensive knowledge of current partners and may also identify new partnerships.

**12:00 – 12:30 PM**

Auditorium, 3rd, 4th, 6th or Cafeteria Conference Rooms

## **SESSION 13: EXERCISE #2 – PULLING IT ALL TOGETHER – IDENTIFYING FLOOD RISK MANAGEMENT PARTNERS**

Building off the case study from Exercise #1, as well as lessons learned from previous partnership efforts, teams will determine ways to improve coordination across federal, state, local, and tribal partnerships throughout the flood risk management cycle. Teams will identify new partnership opportunities and develop an interagency engagement strategy for working with new partners, which will be used in Exercise #3. Teams will also develop a list of questions or issues to discuss with SMEs during Exercise #3 based on information learned throughout the training sessions.

**12:30 – 2:00 PM**

Cafeteria Conference Room

## **LUNCH**

FEMA IMMERSED: A VR Experience About Flood & Resilience

**2:00 – 3:30 PM**

Cafeteria

## **SESSION 14: GROUP EXERCISE #3 – CONNECTING WITH OUR FLOOD RISK MANAGEMENT PARTNERS (INTERAGENCY CAFÉ)**

Building off of Exercises #1 and #2 and presentations thus far, teams will identify SMEs that they would like to incorporate into their efforts. Teams will explore the variety of partner programs, resources, and technical expertise available to tackle interagency flood risk management challenges.

# 2020 INTERAGENCY FLOOD RISK MANAGEMENT TRAINING SEMINARS AGENDA

**3:30 – 4:30 PM**

## **BREAK**

Interagency flood risk management efforts poster session.

Cafeteria Conference Room

FEMA IMMERSSED: A VR Experience About Flood & Resilience

**4:00 – 5:00 PM**

## **SESSION 15: CASE STUDIES FROM SUCCESSFUL EFFORTS – INTEGRATION**

Auditorium

**INSTRUCTED BY:** **Mark Roupas**, HQUSACE; **JaLeesa Tate**, Maryland Emergency Management Agency; **Samara Ebinger**, New Hampshire Office of Strategic Initiatives; **Brian Rast**, USACE Kansas City District; **Laura Ortiz**, USACE Buffalo District; **Rachel Shrader**, USACE Omaha District; and **Stacey Underwood**, USACE Baltimore District.

This session will provide examples of successful interagency flood risk management from the perspectives of interagency state teams, USACE Flood Risk Managers and USACE Silver Jackets Coordinators.

**5:00 – 5:30 PM**

## **SESSION 16: CLOSING SESSION – OBSERVATIONS & EVALUATIONS**

Auditorium

**INSTRUCTED BY:** **Mark Roupas**, HQUSACE.

This session will provide a summary of the key lessons learned throughout the training seminars and identify opportunities to apply these lessons moving forward. Training seminar evaluations will also be completed by participants.

# FRIDAY, FEBRUARY 28, 2020

**7:30 – 8:30 AM**

## **OPTIONAL: EARLY BIRD SESSIONS/OPTIONAL TOPICS**

Limited reserved space and common spaces will be available for teams to conduct side meetings or host short sessions on topics of interest to workshop participants.

**9:00 AM – 12:00 PM**

## **CONCURRENT HANDS-ON/IN-DEPTH TOPICS**

4th Floor Conference Room

### **1. FEMA Hazard Mitigation Assistance Grant Programs Overview** (Limit: 35 students)

**INSTRUCTED BY:** **Stacy Robarge-Silkiner**, FEMA Region VII; and **Mary Kerschner**, FEMA Region VII.

This training will describe the range of FEMA's Hazard Mitigation Assistance (HMA) grant programs available to address hazard risk, including flood, the characteristics of each, required components, and examples of eligible activities. The session content will include purpose, eligible applicants, and application time line for each grant program. Understanding the requirements will assist with the preparation and submission of successful grant applications.

The session will also include a short overview of the new Building Resilience Infrastructure and Communities (BRIC) grant program, as authorized under the Disaster Recovery Reform Act (DRRA), that is currently under development and rulemaking.

6th Floor Conference Room

### **2. Building Risk Communication Skills** (Limit: 35 students)

**INSTRUCTED BY:** **Susan Fox**, Lynker at NOAA Office for Coastal Management.

This training provides insights into how and why people respond to risk, and helps participants develop new skills to better connect with a variety of audiences. Understanding and connecting with an audience's diverse values and concerns can lead to a higher level of community engagement and can help motivate action to reduce risk. The session will help you apply risk communication principles when faced with challenging questions and begin to develop a risk communication strategy for improved engagement with your priority audience on natural hazards. The focus will be on communication around long-term planning, not crisis communication.

# 2020 INTERAGENCY FLOOD RISK MANAGEMENT TRAINING SEMINARS AGENDA

Auditorium

## **3. Solving the USACE Nonstructural Puzzle (9:00-11:00)**

**INSTRUCTED BY:** Christina Rasmussen, USACE New York District; and Lea Adams, USACE Hydrologic Engineering Center.

This 2-hour training workshop will introduce participants to nonstructural measures, demonstrate where nonstructural approaches do and don't make sense, and review the various "Nonstructural Doors to the Corps." Participants will gain an understanding of the structural, hydraulic, and community factors that should be considered when evaluating nonstructural solutions. In addition, participants will learn about the range of USACE authorities and programs structured to address flood risk management challenges.

USACE St. Louis District  
Conference Room

## **4. Navigating USACE Regulatory Permitting Processes Before and During Emergencies**

**INSTRUCTED BY:** Robert Gramke, John Osterhage, Chris Koenig, Jaynie Doerr, Shane Simmons, Dr. Mark Smith and Ray McCollum, USACE St. Louis District.

Introduction to the USACE Regulatory Program and permits associated with Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act. USACE staff will discuss recent regulatory program updates, including the proposed "Navigable Waters Protection Rule," permit process options during emergencies, and agency coordination requirements (Endangered Species Act and Section 106 of the National Historic Preservation Act). The session will also include a review of the 2019 Flood Event, current St. Louis District recovery efforts, and an introduction to a GIS based borrow tool that engineers and scientists can use for efficient borrow site selection.

5th Floor Conference  
Room

## **5. Certified Floodplain Managers (CFM®) Exam (Preregistration with ASFPM Required.)**

**INSTRUCTED BY:** George Riedel, ASFPM Foundation.

The national examination for professional certification as a floodplain manager will be offered. Persons interested in taking the exam needed to complete the application, pay the exam fee, and be pre-approved by ASFPM by February 14, 2020. Exam study guide and application are available at ([www.floods.org](http://www.floods.org)) under the Certification Program tab.

**8:30 AM – 12:00 PM**

Meet in Cafeteria  
Conference Room

## **6. Field Trip: Metropolitan St. Louis Sewer District (MSD) Nonstructural/Green Infrastructure Portfolio (Limit: 51 students)**

**INSTRUCTED BY:** Kaleena Menke, MSD; Sean Stone, MSD; and Shawn Sullivan, USACE St. Louis District.

Led by MSD, participants will tour Rainscaping and Cityshed Projects in the St. Louis Metropolitan area. The site visit will highlight projects aimed at reclaiming stormwater naturally, using simple techniques to manage and filter rainwater where it falls and alleviate the effect of wet weather surcharging and overland flooding of the combined storm and wastewater sewer system. The tour will describe the unique partnerships that enable these projects, the sustainable building practices implemented, and the economic and social benefits realized by communities and urban agriculture.

**THANK YOU FOR PARTICIPATING IN THE 2020 INTERAGENCY FLOOD RISK  
MANAGEMENT TRAINING SEMINARS.**

**LET US KNOW ABOUT YOUR EXPERIENCES. PLEASE DROP OFF YOUR COMPLETED  
EVALUATION AT THE REGISTRATION DESK.**