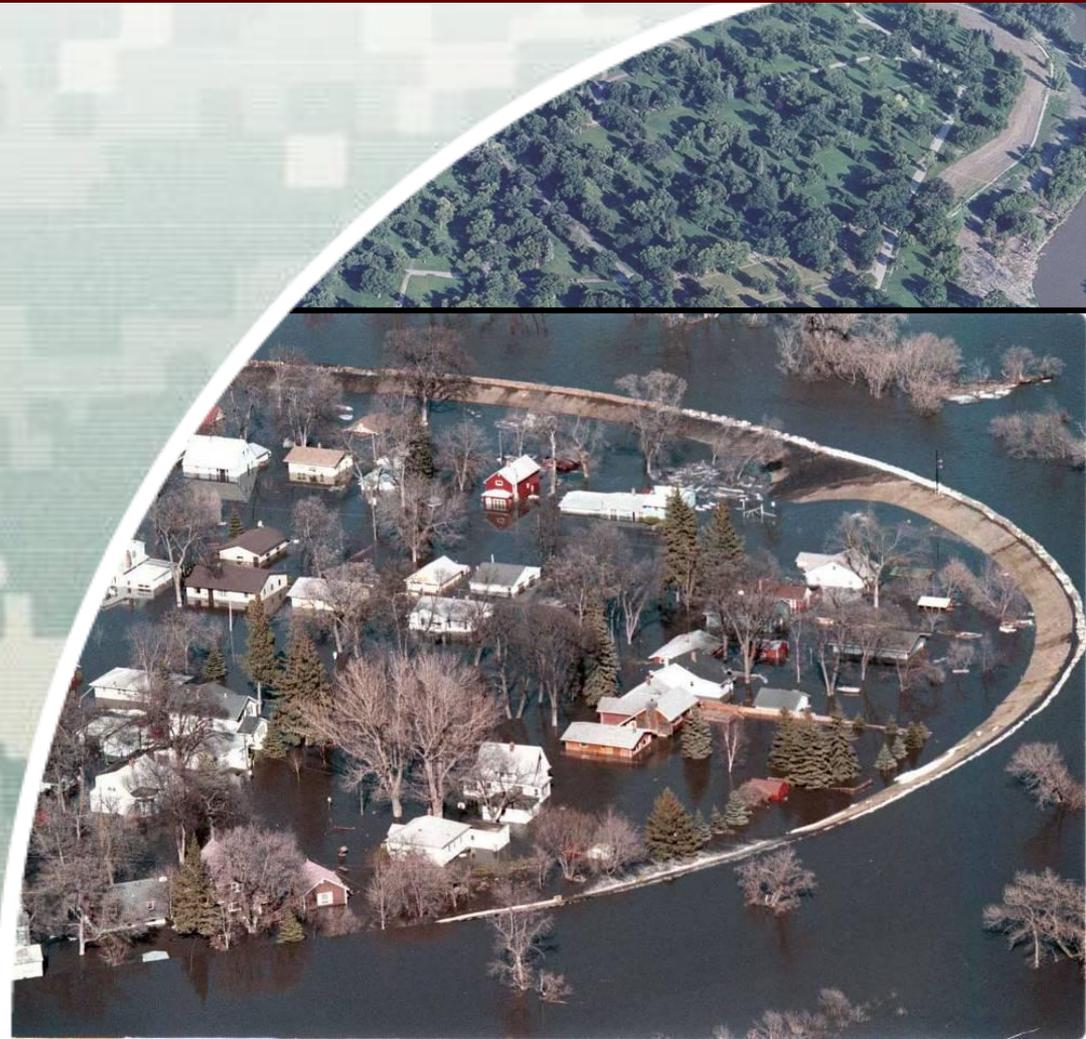


# Fort Bend Flood Management Association

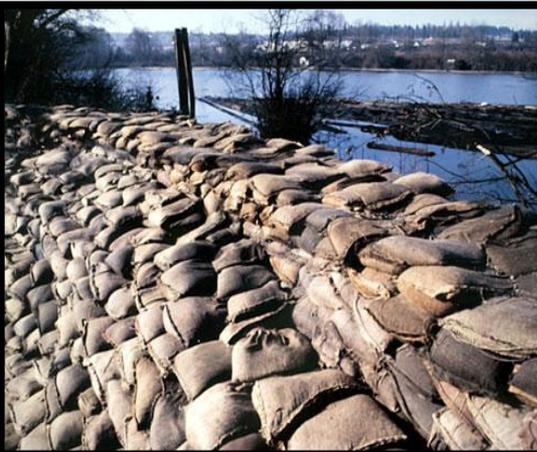
## Annual Symposium

*Colonel Christopher W. Sallese*  
*District Commander*  
*USACE Galveston District*  
*June 1, 2012*



# Overview

- Public Law 84-99
- USACE Levee Inspections
- Emergency Response
- Exercises



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# PL 84-99

33 U.S.C 701n

- emergency fund
  - Preparation
  - flood fighting
- repair any flood control work



# USACE Authorities & Activities

## PL 84-99

- Disaster Preparedness
- Emergency Operations
- Rehabilitation and Inspections
- Water Assistance
- Advance Measures
- Hazard Mitigation

### USACE Provides:

- Emergency technical and direct assistance in response to flood and coastal storm.
- Provided upon request for assistance by states.
- Assistance supplements state and local actions and capabilities

***A comprehensive flood response infrastructure***



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# USACE Authorities & Activities

## PL 84-99

### • *Disaster Preparedness*

- Emergency Operations
- Rehabilitation
- Water Assistance
- Advance Measures
- Hazard Mitigation

### Planning for Quick and Effective Response

- Training
- Stockpiling Supplies and Critical Flood Fight Materials
- Public Assistance Including Liaison, Coordination, and Inspections



# USACE Authorities & Activities

## PL 84-99

- Disaster Preparedness
- Emergency Operations
- Rehabilitation
- Water Assistance
- Advance Measures
- Hazard Mitigation

- Flood Fighting
  - Technical Assistance
  - Rescue Operations
  - Contracting for Emergency Construction
  - Furnish Materials
- Post Flood Response
  - Emergency Debris Removal
  - Temporary Restoration of Critical Transportation Routes and Public Services and Utilities
- Field Investigation and Reconnaissance of Flood Potential
- After Action Review and Reporting



# USACE Authorities & Activities

## PL 84-99

- Disaster Preparedness
- Emergency Operations
- Rehabilitation and Inspections
- Water Assistance
- Advance Measures
- Hazard Mitigation

- Repair active flood damage reduction system.
- Repair any Federally Constructed hurricane or shore protection system.
- Initial Eligibility Inspections
- Continuing Eligibility Inspections
- Interagency Levee Task Force



# USACE Authorities & Activities

## PL 84-99

- Disaster Preparedness
- Emergency Operations
- Rehabilitation
- Water Assistance
- **Advance Measures**
- Hazard Mitigation

- Preventative Temporary Works Executed Prior to Predicted Flooding
- Examples:
  - Create Ring Levee Around Critical Facilities
  - Add Height or Reinforce Existing Levees



# USACE Authorities & Activities

## PL 84-99

- Disaster Preparedness
- Emergency Operations
- Rehabilitation
- Water Assistance
- Advance Measures
- Hazard Mitigation

- Identify Mitigation Opportunities
- Establish Framework for Recovery
- Silver Jackets Program



# Response Capabilities

- Technical assistance
  - Analysis of forecasts
  - Flood Impacts
- Direct assistance
  - Levee patrols
  - Assist/Lead Flood-fight
  - Emergency Contracts
- Expedient flood-fight materials
- Rescue Operations
- Trained flood-fighters



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# Disaster Preparedness

*Expedient Flood Fight Products*

**Port-A-Dam**



**RDFW**



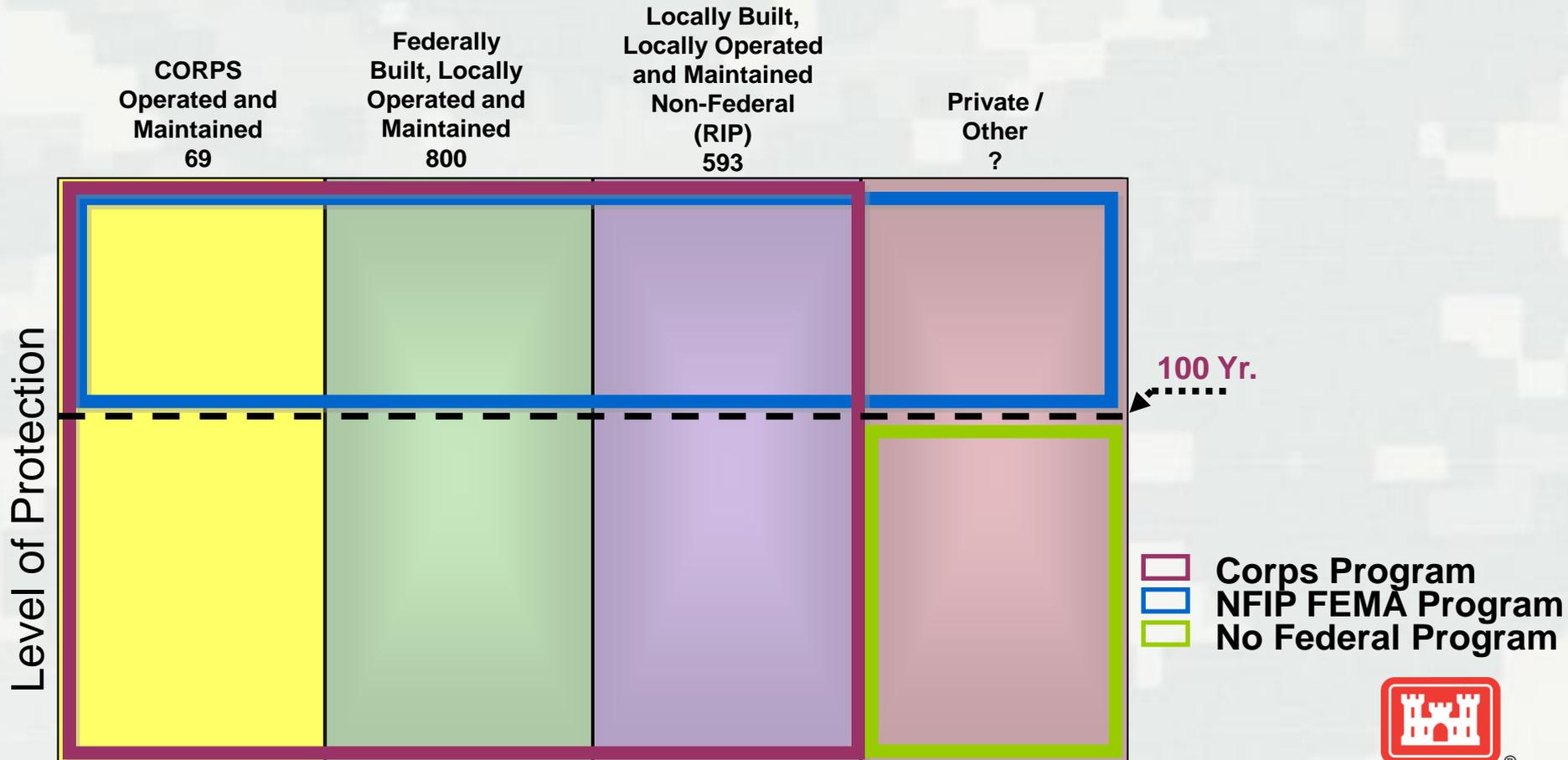
**HESCO**



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# Levee Inspection Program

## Summary of Levee Types Inspected in the Corps Inspection Programs



# Levee Inspection Program

Program Objective: Consistent, coordinated inspection guidelines for federal and non-federal flood damage reduction projects.

Ensures (1) levees operated and maintained appropriately; (2) a shared understanding of conditions and associated risks; and (3) the levees provide maximum benefit to public safety.



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# Levee Inspection Program

- Purpose for Inspections
- Prevent loss of life and catastrophic damages
- Preserve the value of the investment
- Insure sponsor compliance with existing agreements for operation and maintenance to obtain maximum benefits of the project
- Determine eligibility for Corps rehabilitation assistance
- Partner with local project sponsors regarding operation and maintenance activities
- Identify project condition and associated risks



# USACE Inspection Validation

- Independent Review
- National standards
- Keyed to safety
- Not mandatory

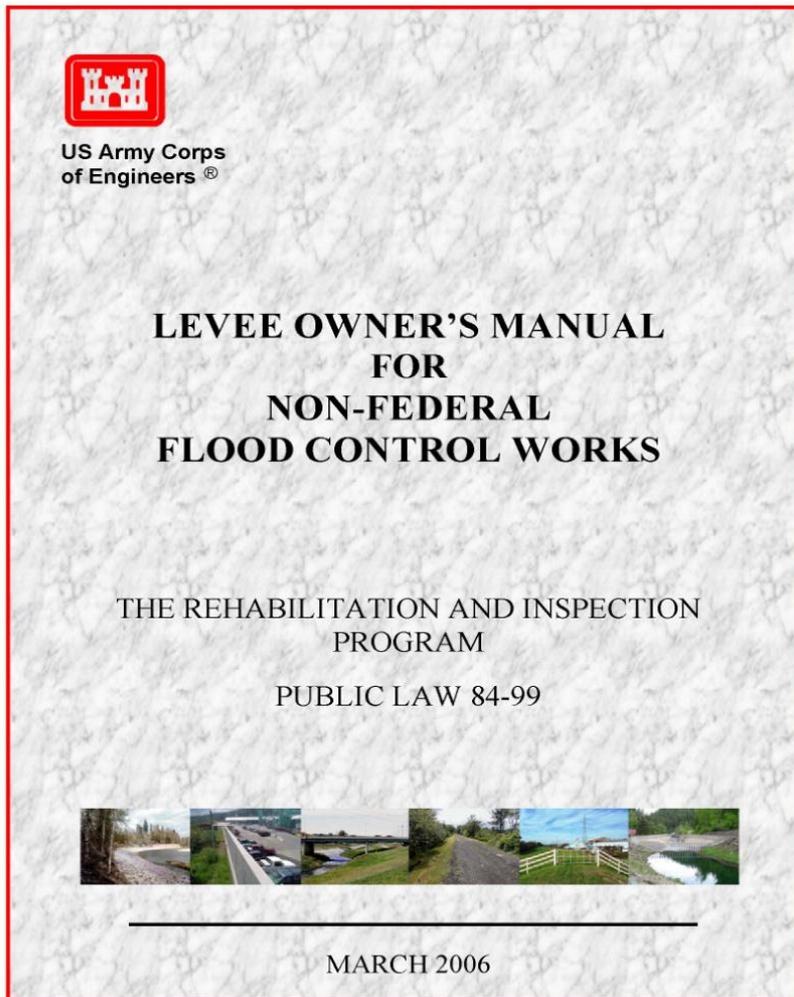


**Sienna Levee  
Improvement District  
Initial Eligibility Inspection  
August 5, 2008**



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# Levee Owner's Manual



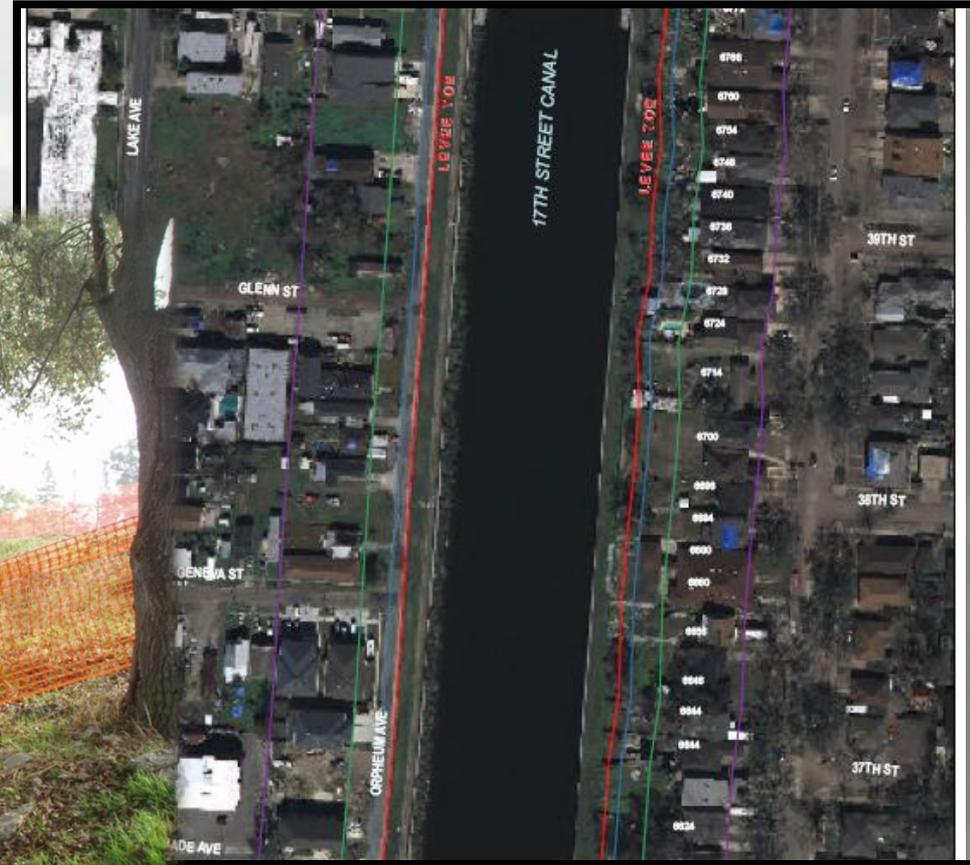
- Manual written for local, state, and tribal governments with primary responsibility for operating & maintaining flood control works
- Provides clear and comprehensive guidance on operation & maintenance of levees, floodwalls and other flood control works
- “How to” plan, prepare and respond to flood emergencies
- Types of emergency assistance provided by the Corps

Current version available at:  
<http://www.nwk.usace.army.mil/flood/LeveeOwnersManual.pdf>



# Levee Inspection Program

*Treatment of Vegetation within local flood protection systems*



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# Levee Inspection Program

*Treatment of Vegetation within local flood protection systems*



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# Levee Inspection Program

## National Vision (Conceptual)

- The United States Flood Damage Reduction Systems Will Be:
  - Safe and Reliable
  - Managed in a Partnership of Shared Responsibilities
  - Assessed in a Comprehensive and Continuing Program
  - Effectively Communicated to All Stakeholders, Decision Makers, and Communities



West Columbus, Ohio



# Levee Operations

- Emergency Action Plans
  - Key to saving lives
  - Who to Train
  - What to Train
  - Must be exercised
  - Interagency Coordination



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# National Flood Risk Management Program

<http://www.iwr.usace.army.mil/nfrmp/>

National Flood Risk Management Program - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address: <http://www.usace.army.mil/nfrmp/>

## NATIONAL FLOOD RISK MANAGEMENT PROGRAM

Contact Us | Search | Site Map | IWR | USACE | FEMA | ASFRM | NAFSMA

**US Army Corps of Engineers** **FEMA** **ASFRM** **nafsma**

**Current Issues and Topics in the News**

**Learn More about the National Flood Risk Management Program**

**Guidance and Policy**

**Regional Coordination Activities**

**Frequently Asked Questions**

**Presentations, Talking Points and Fact Sheets**

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usa.gov  
The U.S. Government's official web portal.

The U.S. Army Corps of Engineers (USACE) established the National Flood Risk Management Program in May 2008 for the purpose of integrating and synchronizing USACE flood risk management programs and activities, both internally and with counterpart activities of the Department of Homeland Security, Federal Emergency Management Agency (FEMA), other Federal agencies, state organizations and regional and local agencies.

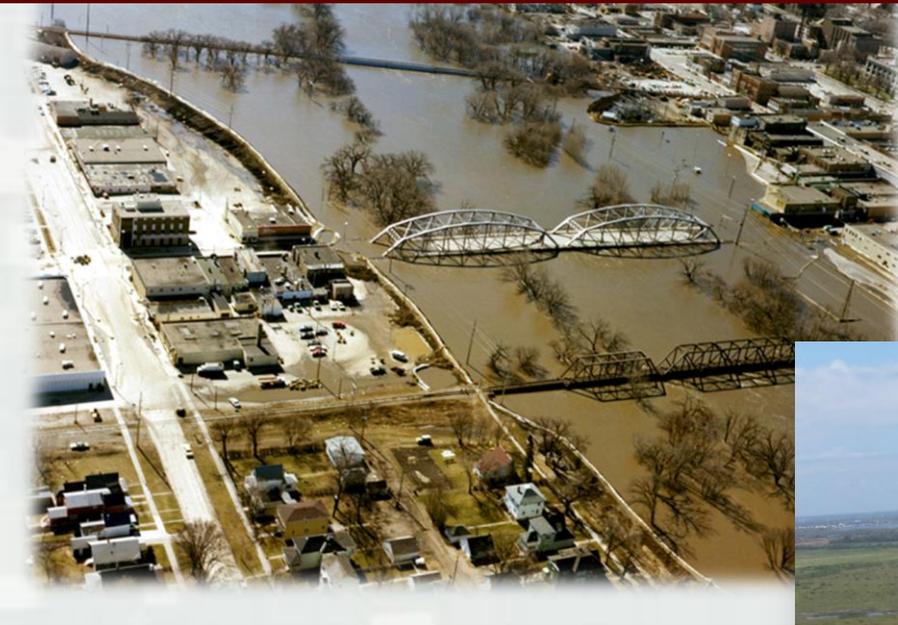
Some of the specific goals of the National Flood Risk Management Program include:

- Providing current and accurate floodplain information to the public and decision makers,
- Identifying and assessing flood hazards posed by aging flood damage reduction infrastructure,
- Improving public awareness and comprehension of flood hazards and risk,
- Integrating flood damage and flood hazard reduction programs across local, state, and Federal agencies, and
- Improving capabilities to collaboratively deliver and sustain flood damage reduction and flood hazard mitigation services to the nation.

On this web site you will find more information about the vision and mission of the Program under Leadership, about the National Flood Risk Management Program, Guidance and Policy, provide access to existing and newly released policy and guidance relating to levee certification, inspections and other flood risk management related matters. Frequently Asked Questions page answers many questions pertaining to the guidance and policies posted on the Guidance and Policy page. Current Issues and Topics in the News describes current events and provides access to media stories pertinent to flood risk management. Proceedings from periodic meetings involving USACE districts and FEMA regions around the country can be found under Regional Coordination Activities. Presentations, Talking Points and Fact Sheets provides quick access to all the presentations, talking points and fact sheets found throughout the site.



# Questions?



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