

# USACE Flood Risk Management Programs

**Edward Hecker**

Chief, Contingency Operations

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# National Flood Risk Management Program

**Vision:** To lead collaborative, comprehensive and sustainable national

**Mission:** To integrate and synchronize the ongoing, diverse flood risk management projects, programs and authorities of the US Army Corps of Engineers with counterpart projects, programs and authorities of FEMA, other Federal agencies, state organizations and regional and local agencies.

**Desired Outcome:** Achieve overall flood risk reduction to the nation

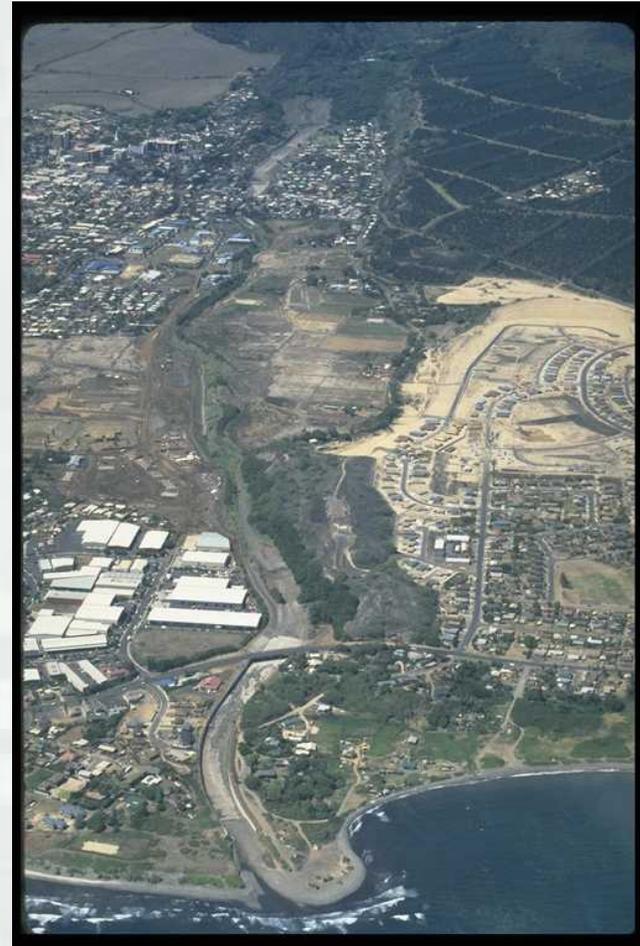


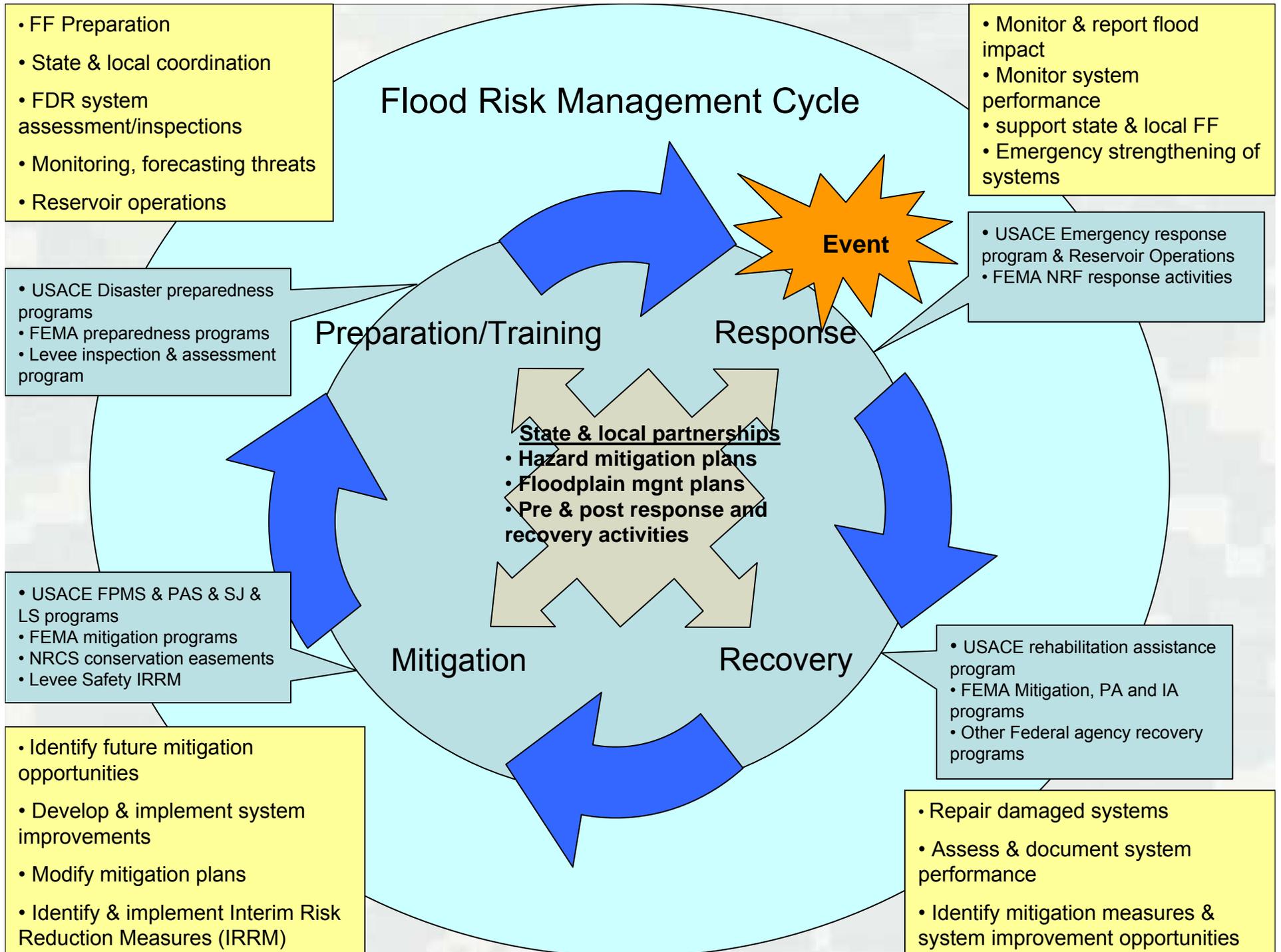
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# Program Objectives

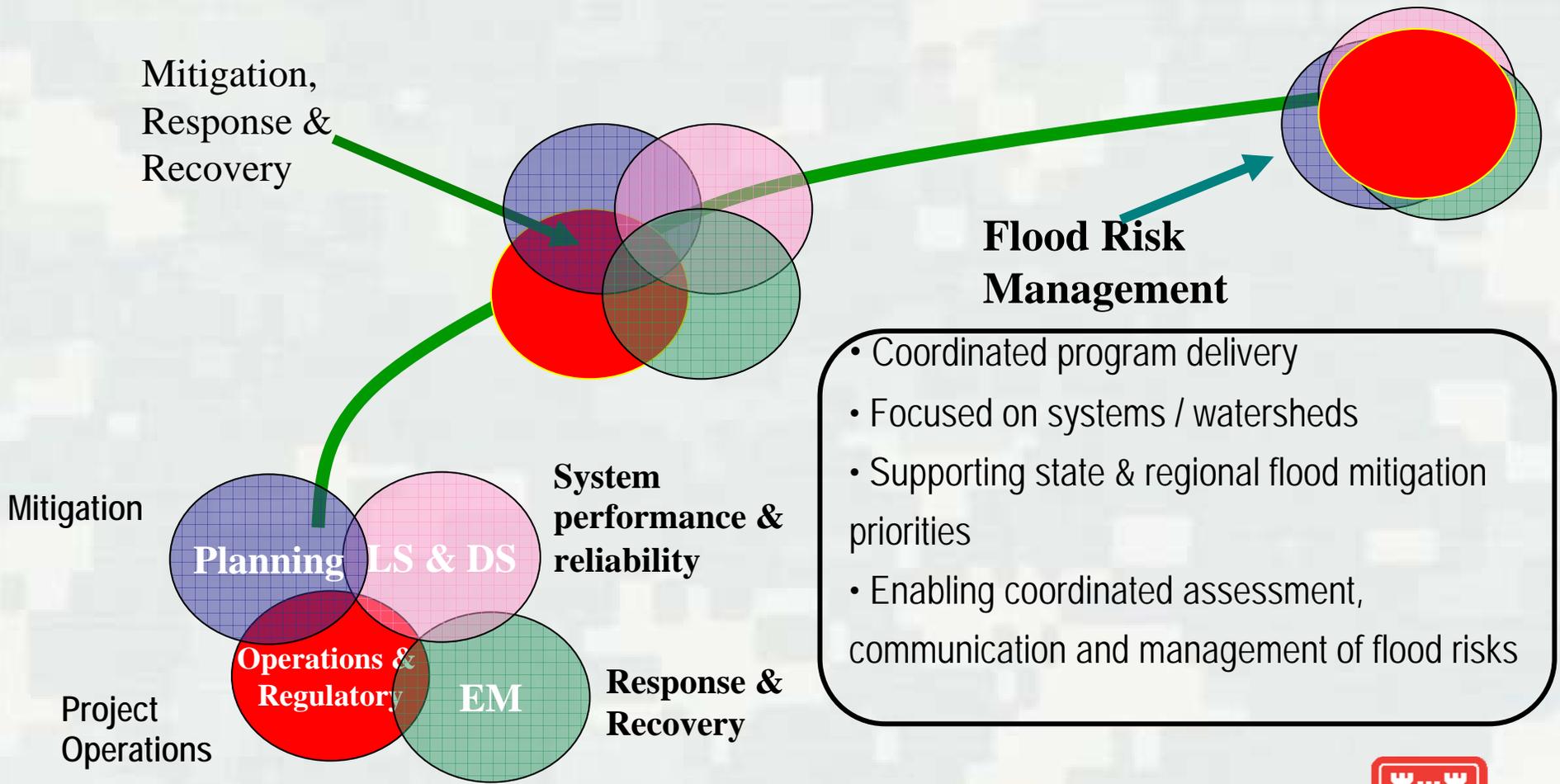
## Primary Objectives of the FRMP

- Provide current and accurate flood risk information
- Identify and assess flood hazards posed by all flood risk reduction infrastructure
- Public awareness of flood related hazards and risks.
- Coordination of flood risk programs and activities across regional/watersheds with by implementing a lifecycle, system risk management strategy.
- Improve capabilities to collaboratively deliver and sustain FRM services





# Evolution of Risk Management



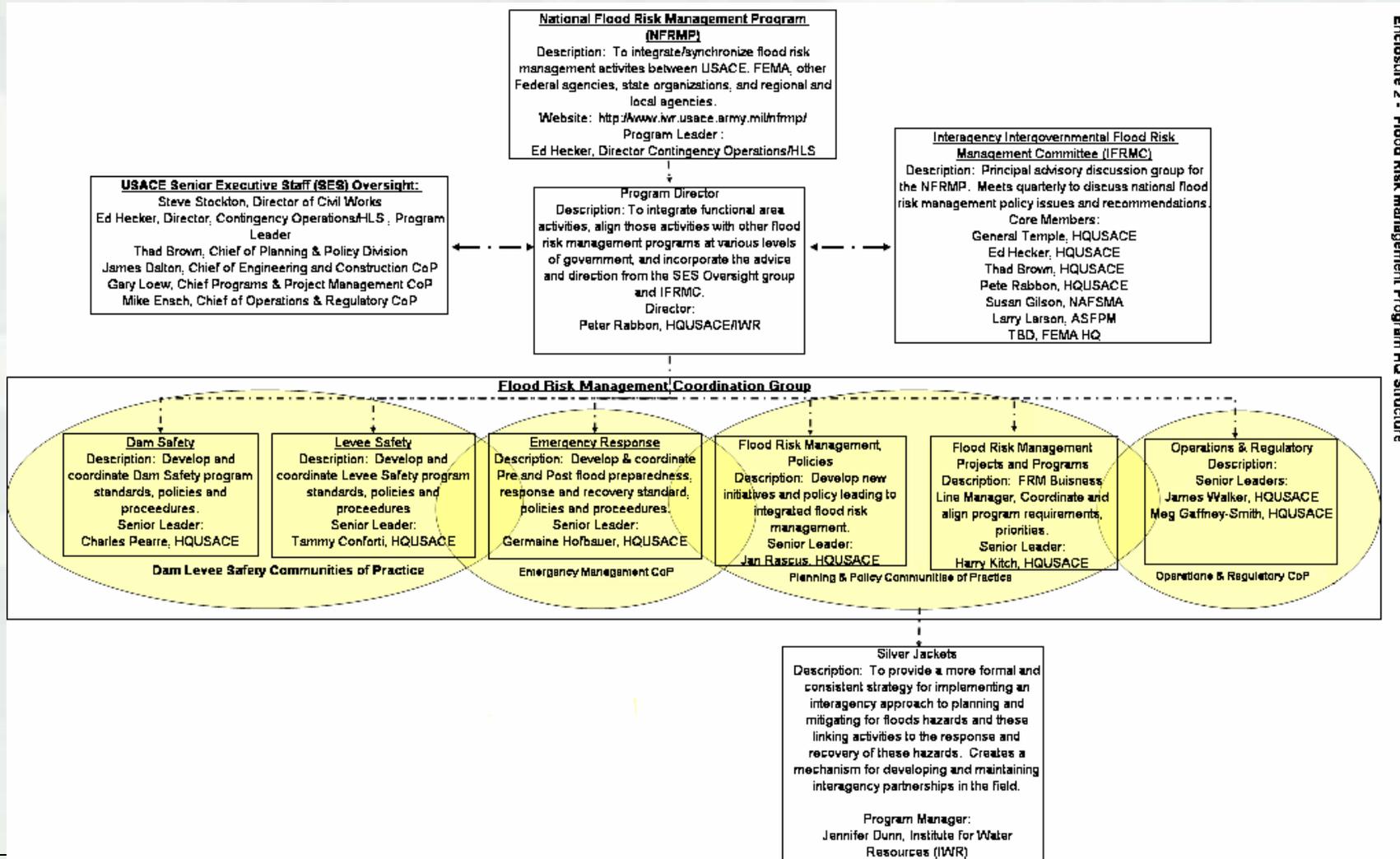
# National Flood Risk Management Program

## Bringing it together at the National, Regional and State Levels

- **Program Implementation Guidance published on 5 October 2009: Provides direction for establishment of FRMP frameworks within MSC and Districts:**
  - ▶ Integrates mitigation planning, preparedness, response and recovery programs and activities at all levels into a coordinated flood risk management cycle.
  - ▶ Ensures that CoPs within the HQ, MSC and Districts that contribute to Flood Risk Management are coordinated and integrated. CoPs include – levee & dam safety, operations, planning, emergency management, regulatory.
  - ▶ Establishes external collaboration and partnership with Federal, State and local partners at the national, regional and state levels.



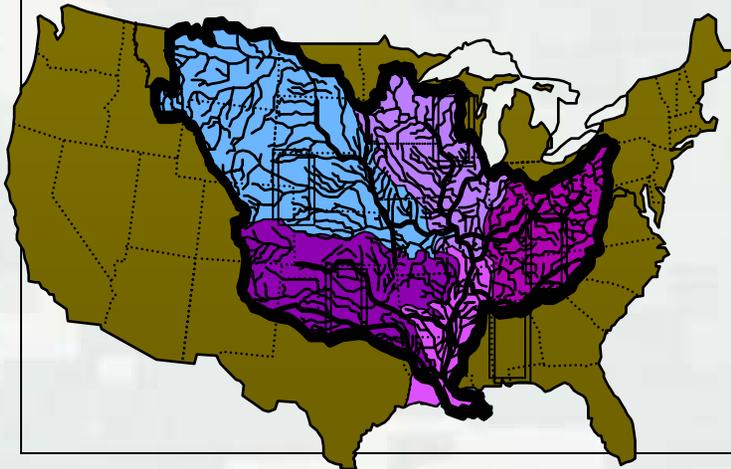
# HQ USACE Matrix Organization



Enclosure 2 - Flood Risk Management Program HQ Structure

# Upper Midwest Regional Partnership

## Interagency Levee Task Force



- Formed after 2008 midwest flood
- Include federal and state members
- Objectives and procedures established by charter
- Operated for one year
- Focused on coordinating FDR systems recovery

Transition

## Regional Flood Risk Management Team

- Regional Federal & State partnership
- Team objectives established by charter
- A facilitated collaborative, comprehensive regional approach to flood risk management and recovery
- Facilitate regional communication and information sharing
- Develop & recommend comprehensive intergovernmental regional flood risk management strategies



# Silver Jackets



- Intergovernmental partnerships at the state level
  - Implements coordinated solutions to State FRM priorities
  - Coordinate and leverage available resources & information between agencies
  - Facilitate state level life-cycle planning to reduce flood risks
- Intergovernmental "Silver Jackets" teams being established within many states





# Levee Safety Program

- Inspection Program
  - ▶ Routine Inspections
  - ▶ Periodic Inspections
  - ▶ Levee Screen Tool - Preliminary Assessment
  - ▶ Levee Portfolio Risk Management Process
  - ▶ Levee classification



# Universe of Levees

## FEMA NFIP

Objective: Communicate the most current information for flood insurance purposes.

100-year

Level of Protection

NFIP & CORPS

Federal  
O&M

USACE  
built /  
Local  
O&M

Local  
built /  
Enrolled  
in RIP

NFIP only

Local & Other

CORPS only

No Prior  
Nexus with  
USACE or FEMA

?? = Levee Safety Act

2100 mi

9650 mi

2250 mi

1

2

3

4

USACE Dec07

Not to scale

Levee Categories

## USACE Inventory and Assessment

Objective: **Assess** all levees in USACE programs, regardless of level of protection.

## WRDA Authorities

Objective: **Inventory** all levees in nation, lead strategic plan for a National Levee Safety Program

# Other Initiatives

- Research and Development
  - ▶ Vegetation on Levees
  - ▶ Innovative Flood Fight Products
  - ▶ Critical Infrastructure
- Policy and Guidelines
- EO 11988
- Federal Interagency Task Force
- International
  - ▶ FRM Best Practices Document
  - ▶ Levee Manual
  - ▶ 2010 FRM Policy Workshop



# Summary

- **Flood Risk Management is a “Shared Responsibility”**
- **Fully implementing the program objectives will be a “culture change” in the way we think about:**
  - **Managing flood risk**
  - **Partnering with other stakeholders**
  - **Apply our program authorities within watersheds**
  - **Identifying, managing and communicating flood risks**
- **Initial implementation objectives include:**
  - **Establish or designate program management responsibilities**
  - **Develop regional/watershed partnerships where opportunities exist**
  - **Establish state silver jackets partnerships within interested states**



# National Flood Risk Management Program

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

**NATIONAL FLOOD RISK MANAGEMENT PROGRAM**

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**Questions**

The U.S. Army Corps of Engineers (USACE) established the National Flood Risk Management Program in May 2000 for the purpose of integrating and optimizing USACE flood risk management programs and activities, both internally and with complementary activities of the Department of Homeland Security, Federal Emergency Management Agency (FEMA), other Federal agencies, state organizations and regional and local organizations.

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

- Promoting uniform and seamless flood risk management policies, procedures, and standards across USACE districts, FEMA, and other Federal agencies, state and local governments, and the private sector.
- 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 Learning more about the National Flood Risk Management Program, guidance and policy provides 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.