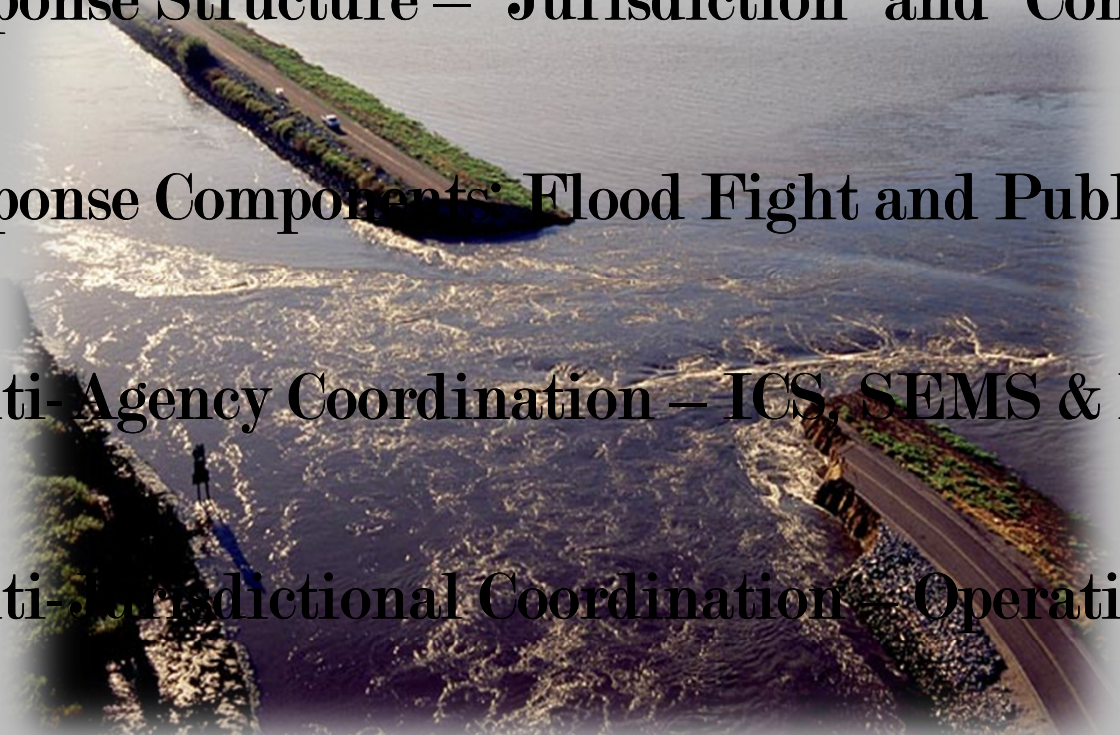
A photograph showing several workers in orange protective gear and hard hats standing on a levee. The levee is reinforced with a long line of sandbags and a black tarp. In the background, there are trees, a utility pole, and a red truck. The sky is overcast.


**Flood Emergency Preparedness  
in the  
Mid and Upper Sacramento River  
Regions**

**Ronald Baldwin, Peterson-Brustad, Inc.**

# Characteristics of Flood Response

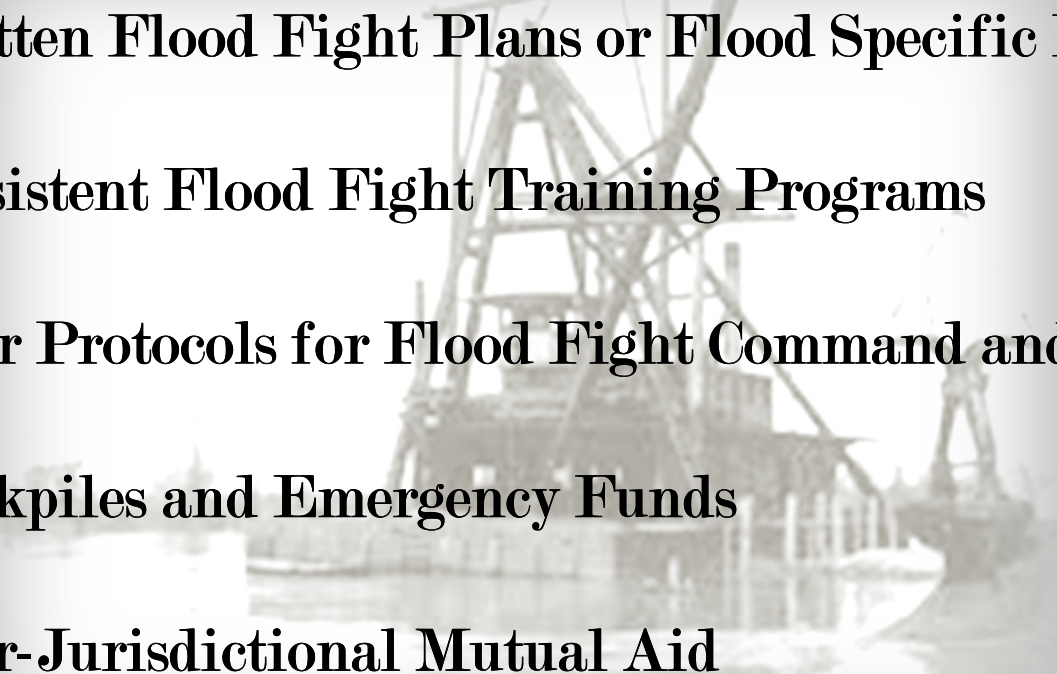
- **Response Structure – “Jurisdiction” and “Command”**
  - **Response Components: Flood Fight and Public Safety**
  - **Multi-Agency Coordination – ICS, SEMS & NIMS**
  - **Multi-Jurisdictional Coordination – Operational Area**
  - **Inter-Jurisdictional Mutual Aid**
- 
- An aerial photograph showing a flooded area. A road runs through the water, and a person is standing on a small bridge or structure over the water. The water is dark and turbulent, with some debris visible. The surrounding land is green and appears to be a mix of trees and open fields.

# Addressing Residual Risk

- **Effective Response to Prevent Levee Failure**
  - **Effective Response to Limit Extent, Depth, Duration of Flood Waters**
  - **Effective Response to Remove People and Property**
  - **Effective Response to Protect Property that cannot be removed**
- 



# Assessing Flood Fight Readiness

- **Written Flood Fight Plans or Flood Specific Plans**
  - **Consistent Flood Fight Training Programs**
  - **Clear Protocols for Flood Fight Command and Control**
  - **Stockpiles and Emergency Funds**
  - **Inter-Jurisdictional Mutual Aid**
- 
- A faded background image showing an industrial facility, possibly a refinery or chemical plant, with several large cranes and structures. The facility is partially submerged in water, suggesting a flood event. The image is semi-transparent and serves as a background for the text.

# Assessing Public Safety Readiness

- **Written General Response Plans vs Flood Specific Plans**
- **General Training Programs vs. Flood Specific Training**
- **Protocols for Flood Specific Command and Control**
- **Response Equipment and Mutual Aid Systems**

# General Response Issues

- Higher quality, more user –friendly flood safety plans
- Reduce communication/coordination failures in the field between jurisdictions
- More sophisticated regional stockpile system
- Better systems to create a common operating picture



# OPPORTUNITIES

Reclamation District 108  
Mid and Upper Sacramento Regional Flood  
Response Project Grant Application

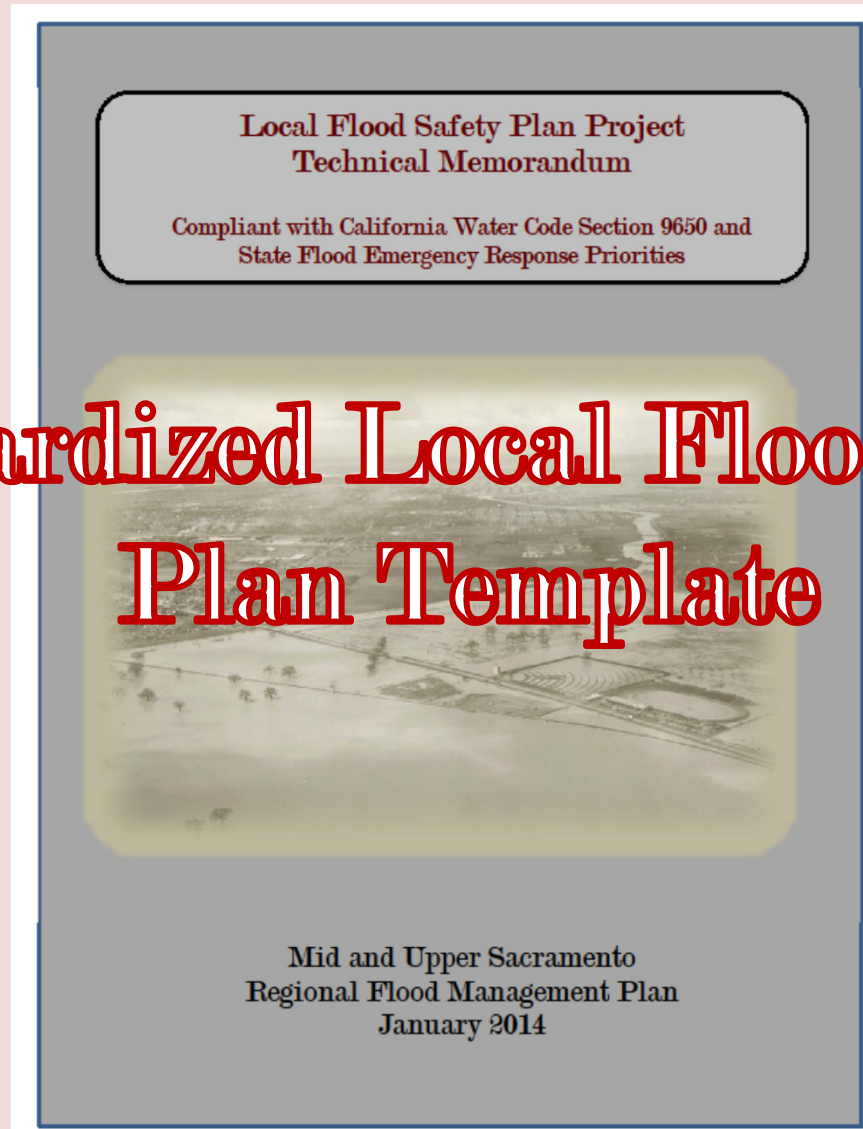
## Mid and Upper Sacramento River Regional Flood Response Grant



Department of Water Resources  
2013 Flood Emergency Response Projects  
Statewide Grant

# OPPORTUNITIES

## Standardized Local Flood Safety Plan Template





# OPPORTUNITIES

MID & UPPER

**Ongoing Regional Coordination  
through the RFMP**

REGIONAL FLOOD MANAGEMENT PLAN



**Project #1: Local flood safety plans with a common mapping format.**

**Project #2: Region-wide unified flood response command structure.**

**Project #3: Flood-Specific Training Program**

An aerial, sepia-toned photograph showing a large area of flooding. In the foreground and middle ground, a large body of water has inundated a flat landscape. A prominent feature is a large, rectangular structure with a curved roof, likely a stadium or arena, which is partially submerged. To its right, a racetrack is visible, also surrounded by water. The background shows a town or city with numerous buildings and a winding river or canal. The sky is overcast with heavy clouds.

Questions and Comments