California's Flood Future:
Recommendations in Managing the State's Flood Risk

California Water Plan Regional Forum
September 11, 2013
• Increase understanding of statewide flood problem
• Make recommendations for managing flood risk
• Inform decisions about:
  – Policies
  – Financial investments
California is at risk for catastrophic flooding

- Devastating impacts to California and the nation
- 1 in 5 Californians are exposed to flooding
- $580B in assets are exposed to flooding
- All 58 counties are at risk for major flooding
Flood Exposure

Number of People in Floodplain
- less than 50,000
- 100,000 to 500,000
- 500,000 to 1 million
- greater than 1 million

Number of Structures in Floodplain
- less than $10 billion
- $10 billion to $50 billion
- $50 billion to $200 billion
- greater than $200 billion

- 40,000 North Coast
- 930,000 Sacramento River
- 1,040,000 San Francisco
- 500,000 Tulare
- 430,000 Central Coast
- 3,310,000 South Coast
- 4,000 North Lahontan
- 540,000 San Joaquin River
- 150,000 South Lahontan
- 230,000 Colorado River
- $4 billion North Coast
- $70 billion Sacramento River
- $130 billion San Francisco
- $30 billion Tulare
- $40 billion Central Coast
- $40 billion South Lahontan
- $1 billion North Lahontan
- $20 billion Colorado River
- $230 billion South Coast
- $10 billion South Lahontan
- $40 billion San Joaquin River
- $30 billion Tulare
- $40 billion Central Coast
- $130 billion San Francisco
- $70 billion Sacramento River
- $4 billion North Coast

FloodSAFE California

Public Safety
Environmental Stewardship
Economic Stability

US Army Corps of Engineers ®
Solutions must use an Integrated Water Management Approach

- Combines flood management, water supply, and ecosystem actions
- Regional and systemwide approach
- Collaboration and cooperation
- Array of funding sources
1. Conduct regional flood risk assessments to better understand statewide flood risk.
2. Increase public and policymaker awareness about flood risks to facilitate informed decisions.

3. Increase support for flood emergency preparedness, response, and recovery programs to reduce flood impacts.
4. Encourage land-use planning practices that reduce the consequences of flooding.

5. Conduct flood management from regional, systemwide, and statewide perspectives to provide multiple benefits.
Recommendations

6. Increase collaboration among public agencies to improve flood management planning, policies, and investments.

7. Establish sufficient and stable funding mechanisms to reduce flood risk.
California's Flood Future Status

Report Schedule:
• April 2013 – Draft Report
• November 2013 - Final Report

Next Steps:
• Flood Finance Strategy
• Interagency Vade Mecum
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