

CENTRAL VALLEY  
FLOOD MANAGEMENT  
PLANNING PROGRAM



## CVFPP Climate Change Scope Definition Work Group Meeting #1

MWH, Sacramento  
August 26, 2009

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## Welcome and Greetings

Agenda Item II

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## Opening Remarks

Agenda Item III

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CALIFORNIA**

## Introductions & Meeting Objectives

Agenda Item IV

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## Overview: FloodSAFE and CVFPP

Agenda Item IV

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## Presentation Outline

- California FloodSAFE
- Central Valley Flood Management Planning Program
- Central Valley Flood Protection Plan
  - Purpose and Scope
  - Planning and Engagement Process
- Regional Conditions Summary Report
  - Regional Conditions Work Groups
  - Topic Work Groups
- Next Steps

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### FloodSAFE California



#### FloodSAFE Goals

1. Reduce chance of flooding
2. Reduce consequences of flooding
3. Sustain economic growth
4. Protect and enhance ecosystems
5. Promote sustainability

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### FloodSAFE Activities

Reduce chance of flooding	Reduce consequences of flooding
<ul style="list-style-type: none"> <li>● Emergency Repairs (multiple)</li> <li>● Early Implementation Projects (multiple)</li> <li>● Improve Operations and Maintenance</li> <li>● Federal/State/Local Implementation Actions</li> </ul>	<ul style="list-style-type: none"> <li>● Statewide Flood Management Planning</li> <li>● Central Valley Flood Management Planning Program</li> <li>● Ecosystem Conservation Strategy</li> <li>● Central Valley Local Assistance Program</li> <li>● Levee Evaluation Programs</li> <li>● Central Valley Floodplain Delineation and Evaluation Program</li> <li>● Levee Flood Protection Zone</li> <li>● Flood Hydrology Update</li> </ul>
<ul style="list-style-type: none"> <li>● Building Code Amendment</li> <li>● Emergency Preparedness and Response</li> <li>● Flood Risk Notification</li> <li>● Federal/State/Local Implementation Actions</li> </ul>	

● Programs/Actions within DWR's FloodSAFE Implementation Phase 1    
 ● Programs/Actions outside DWR's FloodSAFE Implementation Phase 1

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### What is CVFMP?

**Central Valley Flood Management Planning Program (CVFMP)**

- Assess the current flood protection system
- Improve understanding of flood risk
- Develop Central Valley Flood Protection Plan (CVFPP) to improve integrated flood management in the Central Valley



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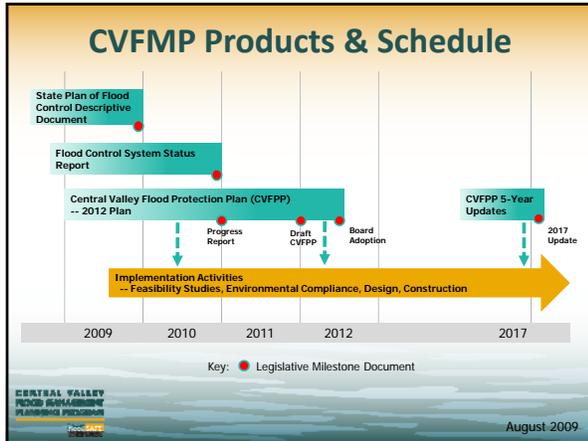
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### 2012 CVFPP

- **Promote understanding** related to integrated flood management from state, federal, local, regional, tribal and other perspectives (e.g., agriculture, urban, rural, environment, EJ, etc.)
- Create a **broadly supported vision** for improving integrated flood management in Central Valley
- Develop **new data and information** that can be shared for many purposes



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### 2012 CVFPP Scope

- Define flood and related resources problems
- Describe system, performance and risks
- Develop goals and objectives
- Identify management actions primarily for
  - Repairing and improving flood protection
  - Implementing integrated flood management
  - Improving system-wide riverine ecosystem functions
- Evaluate management actions
- Identify and evaluate potential system improvement

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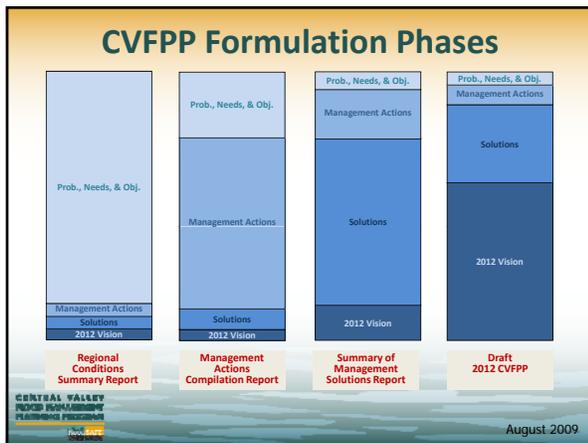
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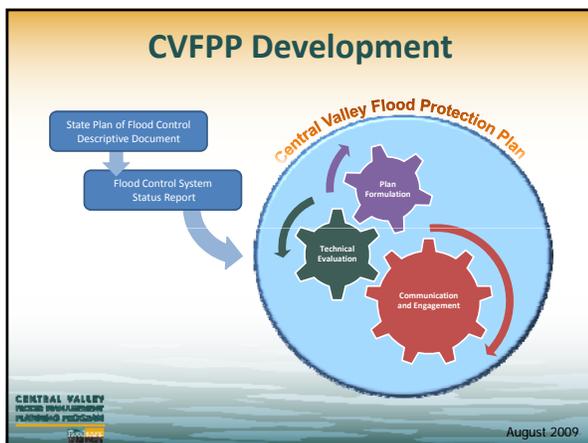
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### Opportunities to Engage

- Forums**
  - Regional
  - Valley-wide
- Work Groups**
  - Regional (Place-based)
  - Topic (Subject-based)
- Document Review**
  - Frequent
  - Occasional
- Interest-Based Groups**
  - Existing Groups with broad Representation
- Briefings and Coordination**
  - Briefings
  - Project/Program Coordination
- Web Site and Info Sharing**
  - [www.water.ca.gov/cvfmfp](http://www.water.ca.gov/cvfmfp)



**Communication and Engagement Framework**

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### Regional Conditions Summary Report

- Purpose: Define resource conditions for each region of the Central Valley
- Scope
  - Define/document current conditions and future challenges
  - Identify flood management and related problems/needs
  - Identify ecosystem problems and opportunities
  - Define CVFPP goals and objectives
- Use
  - Identify management actions
  - Define what the CVFPP is to accomplish



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### Regional Conditions Work Groups

- 5 Regional Conditions Work Groups
  - Upper Sacramento
  - Lower Sacramento
  - Delta
  - Lower San Joaquin
  - Upper San Joaquin
- Develop Draft Content for Regional Conditions Summary Report



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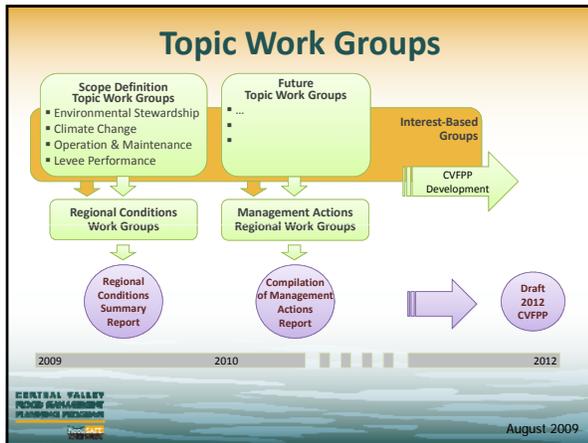
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- ### Next Steps
- Conduct Work Group meetings for content development
  - Continue implementing other engagement opportunities (e.g., Forums, Briefings, Interest-Based Groups, etc.)
  - Prepare Regional Conditions Summary Report
  - Develop the 2012 CVFPP
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## Work Group Charter

Agenda Item VI

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## Work Group Focus

- What are the key aspects of climate change that would affect the integrated flood management and should be covered in the 2012 plan?
- What are the primary categories of existing problems and expected future challenges related to climate change within the study area?
- What are the climate change considerations that should be addressed when working on other aspects of integrated flood management within the 2012 plan?
- What are the key climate change studies and adaptation planning that the Central Valley Flood Protection Plan should coordinate with?

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## Work Group Deliverables

- List of key topic areas
- List of primary categories of existing problems and expected future challenges
- list of available references
- A check list of climate change considerations that should be addressed in all aspects of integrated flood management within the CVFPP
- List of other climate change studies and adaptation planning for coordination

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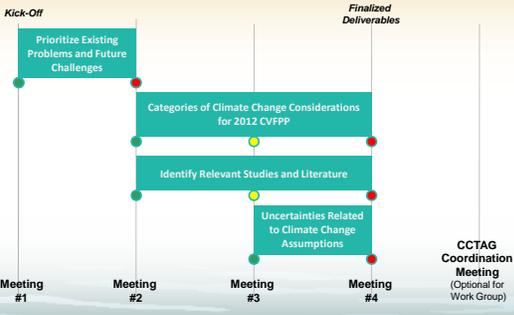
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## CCSD Work Group Timeline



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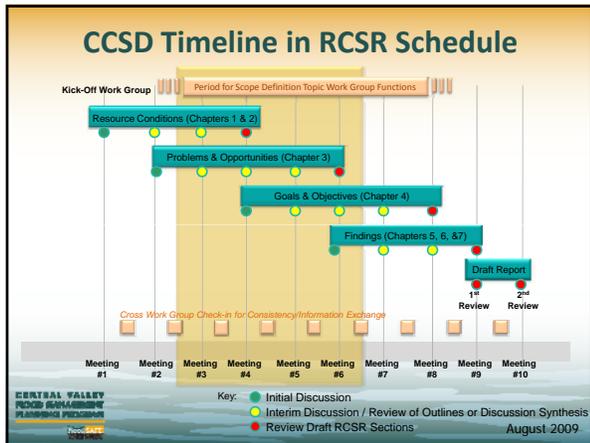
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## Discussion: Key Aspects of Climate Change Affecting Integrated Flood Management in the Central Valley

Agenda Item VII

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### Session Objective and Tasks

- Develop the correlation between climate change aspects with the integrated flood management
  - The integrated flood management is an approach to dealing with flood risk that recognizes the interconnection of flood management actions within broader water resources management and land use planning; the value of coordinating across geographic and agency boundaries; the need to evaluate opportunities and potential impacts from a system perspective; and the importance of environmental stewardship and sustainability (DWR, Draft FloodSAFE Strategic Plan, June 2008).
- Work sheet #1

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**Discussion:  
Existing Problems  
and Future Challenges Related to  
Climate Change**

Agenda Item X

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**Session Objective and Tasks**

- Initial list of climate change-related problems and future challenges for 2012 CVFPP
- Work sheet #2

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**Discussion:  
List of Climate Change-Related  
References**

Agenda Item XI

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## Session Objective and Tasks

- Initial list of climate change-related references pertinent to CVFPP development
- Work sheet #3


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## Worksheet #3: References

CATEGORY	CODE	WHY - NARRATIVE
EXTREMELY IMPORTANT, MUST INCLUDE	MUST	Indicate reason(s) why this reference will be essential.
GOOD GENERAL REFERENCE	GOOD	Note anything particular about the reference you think would be useful to your region.
USE – BUT WITH CAUTION	USE	Explain what parts are useful and the reason for concerns – for example, you disagree with study conclusions but some of the data is valid; or some but not all models used in a study may be applicable.
SUPERSEDED BY LATER DOCUMENTS/STUDIES	SUP	Please indicate the name of the updated version and how to obtain.
IRRELEVANT	IRR	Note any particular reason for you to dismiss the reference. For example, it addresses an area outside of your region.
NOT ACCEPTABLE	NO	Please indicate why this reference is unacceptable. For example, there are fundamental flaws in analyzing base data.
UNKNOWN	UNK	No narrative required.


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## Work Group Timelines and Meeting Schedules

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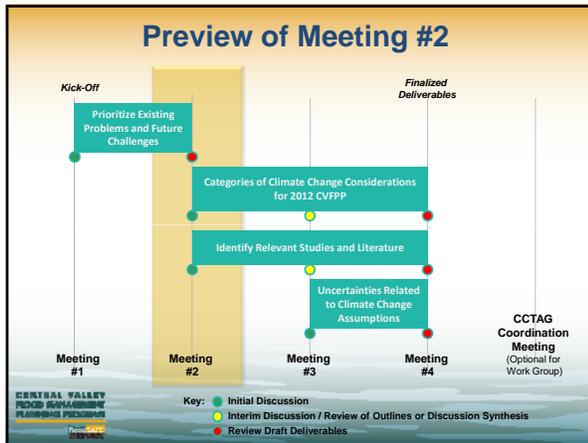
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## Adjourn

Agenda Item XIII

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