

Central Valley Flood Protection Plan

Floodplain Management Association Conference

Mary Jimenez, PE, PMP
Chief, Flood Planning Branch
DWR Central Valley Flood Planning Office
Mary.Jimenez@water.ca.gov

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2017 ROADMAP



Presentation Objectives

- Recall purpose of 2012 CVFPP
- What's happened since 2012? (2017 CVFPP Update)
- Introduce DWR's proposed outcome-based planning approach

2012 CVFPP

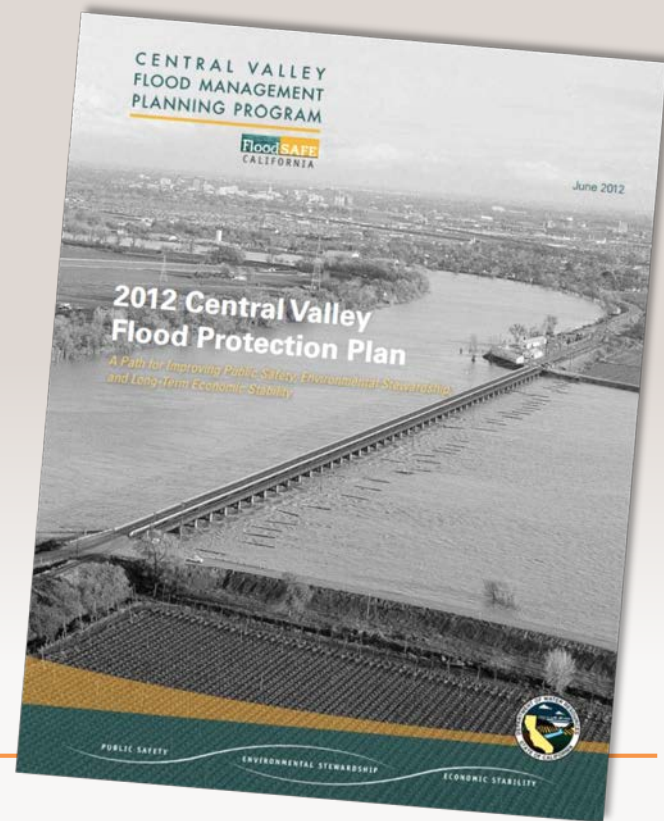


2017 ROADMAP



Central Valley Flood Protection Plan

- Comprehensive vision for sustainable flood management and investment
- Provides recommendations to guide near- and longer-term State activities within State Plan of Flood Control floodplains
- Not a decision document
- Dynamic plan, updated in 5-year cycles, first “Update” in 2017

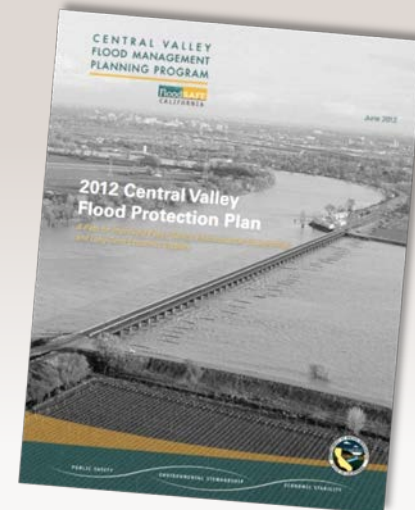


CVFPP Update – What’s Happened Since 2012?



California Government Code Requirements – SB 5 (as amended by SB 1278 and AB 1965)

- **General Plan** amendment requirements include (Government Code Section 65302.9):
 - **Data and analysis** contained in 2012 CVFPP
 - Locations of SPFC facilities and areas protected by the facilities
 - Locations of flood hazard zones
 - Informational 200-year maps for urban areas
 - Goals, policies, objectives, and feasible mitigation measures based on the data and analysis contained in the CVFPP
- **Zoning ordinance** consistency (Government Code Section 65860.1)

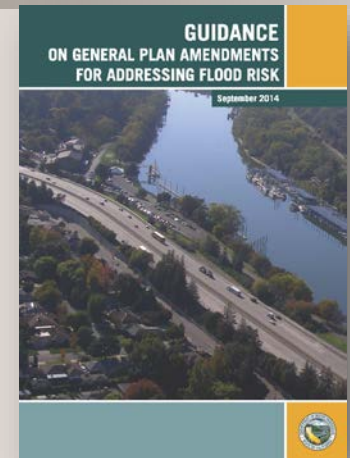


Schedule for Compliance – SB 5 (as amended)

- **General Plan** amendments required by July 2, 2015
- **Zoning Ordinance** consistency by July 2, 2016, or 1 year after the general plan amendment adoption date, whichever comes first
 - This process can also include updates to local floodplain management ordinances or other municipal codes

Guidance on General Plan Amendments for Addressing Flood Risk

- **DWR 2014 Guidance** is an Extension of the **DWR 2010 Handbook**
 - Implementation of 2007 California Flood Risk Legislation
 - Tied to Senate Bill 5 (2007), as amended by Senate Bill 1278 (2012) and Assembly Bill 1965 (2012)
 - Incorporates State flood management program accomplishments (e.g., adoption of 2012 Central Valley Flood Protection Plan)
- **DWR Technical Assistance** function (Government Code §65302.9(c))
 - Guidance is a reference document for **advisory** purposes only
 - Expressed need for support from cities and counties
 - Relevant flood risk resources, data, and other information



CVFPP Goals

Primary: Improve Flood Risk Management

Reduce the chance of flooding, and damages once flooding occurs, and improve public safety, preparedness, and emergency response

Supporting

Improve Operations
and Maintenance

Promote Ecosystem
Functions

Improve Institutional
Support

Promote
Multi-Benefit Projects

Organizing the 2017 CVFPP Update

Five chapters:

Chapter 1 Context	Setting Historical Context, Outlining Goals
Chapter 2 Converging	Summary of Refinements and Areas of Alignment
Chapter 3 System Management	Strategies to Improve System Management
Chapter 4 Implementation Timing	Investment Approach
Chapter 5 Measuring Value	Measure Outcomes and Performance of Investment

Setting Historical Context, Outlining Goals

- Purpose, scope, and goals of CVFPP
- Importance of outcome, or value-based, planning
- State interest in implementing integrated, multi-benefit flood management
- Overwhelming need for sustainable and stable funding

Summary of Refinements and Areas of Alignment



- Relationships between major policies, plans, and activities
- Opportunities to align and refine activities to develop diverse flood management investment portfolios

EXAMPLE MANAGEMENT ACTIONS



LEVEE IMPROVEMENTS
AND FLOODWALLS



TRANSITORY FLOODPLAIN
STORAGE



HABITAT ECOSYSTEM
RESTORATION



BYPASSES

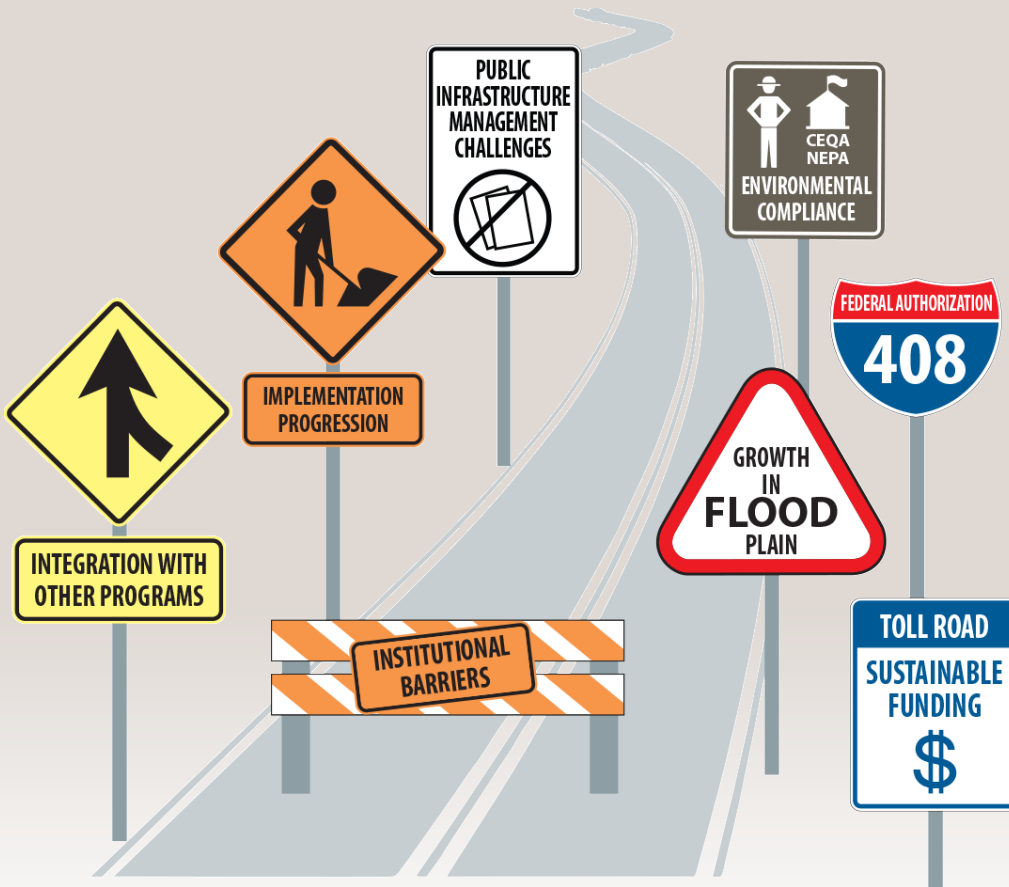


NONSTRUCTURAL ACTIONS/
FLOODPLAIN MANAGEMENT

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- Recommended regional and systemwide flood investment portfolios
 - Near- and longer-term actions
 - Diverse management actions: type, location, etc.

Investment Approach, Implementation Considerations



- Implementation challenges and opportunities
- Implementation costs and timing, analyzing tradeoffs
- Sustainable financing strategy

Investment Approach, Implementation Considerations

RECOMMENDATION CATEGORIES



State-Preferred System Improvements



Urban Flood Protection



Small Community Flood Protection



Rural-Agricultural Area Flood Protection



Residual Risk Management



Integrated Ecosystem
and Water Management Actions

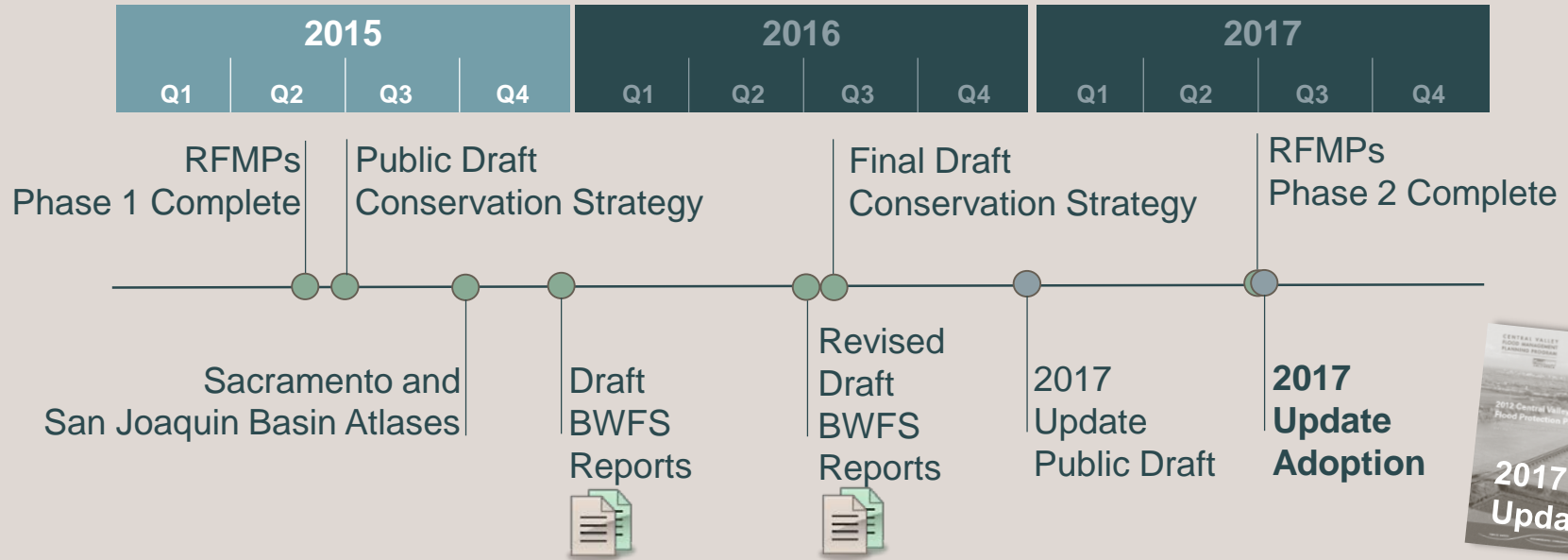
- Implementation of actions will occur through these program types

Measuring/Forecasting Value of Investments

- Approach to measure value of investment and success in achieving desired outcomes
- Transparency and accountability

Where are we in the CVFPP Process?

WHERE WE ARE



BWFS / REGIONAL PLANNING / CONSERVATION STRATEGY

COMMUNICATIONS AND OUTREACH

PEIR

INVESTMENT STRATEGY

CVIFMS

Outcome-Based Planning

Mapping Actions to Outcomes in Flood Management Planning

What is Outcome-Based Planning?

- Holistic, outcome-focused planning approach tied to what society values
- Uses desired results (intended outcomes) as the foundation for planning
 - Outcome is the “why”
 - Management action is the “how”
- Emphasizes measurement of results; continually evolves toward more effective investments
- Integration is critical/inherent

Intended Outcomes for Water Management



Public Safety



Economic Stability











Ecosystem Vitality



Enriching Experiences

How CVFPP Contributes to Intended Outcomes

CVFPP Goals	Intended Outcomes
Primary Goal: Improve flood risk management	
Reduce the chance of flooding	+ \$ 
Reduce damages once flooding occurs	\$
Improve public safety, preparedness, and emergency response	+
Supporting Goals	
Improve Operations and Maintenance	+ \$ 
Promote Ecosystem Functions	 \$ 
Promote Multi-benefit Projects	+ \$  
Improve Institutional Support	+ \$  

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cvfmp@water.ca.gov

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Questions?

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