



CENTRAL VALLEY FLOOD PROTECTION PLAN

California's strategic blueprint to prioritize and guide the State's investments in flood management in the Central Valley through DWR's flood management programs.

What's at risk ?

A flood in the Central Valley would have significant impact

Commerce



The Central Valley produces 25% of the nation's food, including 40% of the nation's fruits, nuts, and vegetables*

Infrastructure



Approximately \$80 billion of infrastructure and assets are at risk.

Public Safety



Approximately 1.3 million Californians live and work in the floodplains of the Central Valley.**

Water Supply



The Central Valley infrastructure providing flood protection also assists with conveying water supply to millions of other Californians.

CVFPP Primary Goal 1

Improve flood risk management. Reduce the chance of flooding, and damages once flooding occurs, and improve public safety, preparedness, and emergency response through the following:

- a** Identifying, recommending, and implementing structural and nonstructural projects and actions that benefit lands currently receiving protection from facilities of the State Plan of Flood Control (SPFC).
- b** Formulating standards, criteria, and guidelines to facilitate implementation of structural and nonstructural actions for protecting urban areas and other lands of the Sacramento and San Joaquin river basins and the Delta.

CVFPP Supporting Goals 2



Improve Operations & Maintenance



Promote Ecosystem Functions



Improve Institutional Support



Promote Multi-Benefit Projects

BACKGROUND

- 2007** Statewide bonds provided early funding for flood risk management projects in the Central Valley
- 2008** State legislature passed the Central Valley Flood Protection Act
- 2012** CVFPP was developed by DWR and adopted by Central Valley Flood Protection Board
- 2017** First update to the CVFPP completed
- 2022** 2022 update will be consistent with 2012 CVFPP and 2017 Update



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This Update provides an opportunity for DWR to assess and evaluate progress made since passage of major State bonds in 2007 and will recommend future management actions led by State, local, and/or federal agencies to continue implementation of the CVFPP.

Key Proposed Themes

Climate Resilience

- California is on the cutting edge of understanding the effects of a changing climate on flood management.
- The 2022 Update will be informed by new data about the impacts of a changing climate in the Central Valley
- The 2022 CVFPP Update uses a comprehensive risk-management approach to increase climate resilience and provide multiple benefits.

Project Implementation, Accomplishments, and Performance Tracking

- Development of a comprehensive performance tracking system will improve return on investment for State taxpayers and provide accountability.
- The State has ongoing efforts to develop a performance tracking system to track progress on implementing the CVFPP, including flood risk management and ecosystem restoration metrics.

Alignment with Other State Efforts

- The 2022 Update will align with other State efforts, including implementation of Governor Newsom’s Water Resilience Portfolio and the California Water Plan Update 2023.

	2012 CVFPP	2017 CVFPP	2022 CVFPP
SYSTEMWIDE	Introduced the State Systemwide Investment Approach (SSIA), as well as identified goals and strategies to implement the CVFPP.	Refined the SSIA, developed a funding plan and phasing of implementation and identified flood policy issues with recommendations to address them.	Will continue to build on the significant amount of work completed over the past 15 years to better understand and develop priorities to improve flood risk management in the Central Valley.
REGIONAL	Following adoption, DWR funded six regionally led Regional Flood Management Plans (RFMPs).	RFMP planning effort provided valuable perspectives from regional and local flood managers that helped inform and align CVFPP investment strategies and priorities for implementation.	DWR will continue to support RFMP planning efforts during this update cycle. Regional groups can participate by updating previously provided lists of priority projects and related content, support related efforts that are advancing implementation, and continue to identify potential funding mechanisms and site-specific improvement needs.

* USGS, regional overview of California’s Central Valley <https://ca.water.usgs.gov/projects/central-valley/about-central-valley.html>

** 2017 CVFPP Update, <https://water.ca.gov/LegacyFiles/cvfmp/docs/2017/2017CVFPPUpdate-Final-20170828.pdf>