

2022 Central Valley Flood Protection Plan Update

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Central Valley Flood Management System

State Plan of Flood Control (SPFC) Key Elements

- 1,600 miles of State-federal levees (380 miles in the Delta)
- Extensive system of bypasses & floodways
- Several areas of DEEP floodplains (over 20+ feet)
- 2 completely different river basins, each w/ over 5 major rivers
- Major urban centers, small communities, rural / agricultural areas



Central Valley Flood Risks

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.



Overview of Central Valley Flood Protection Plan

- ✓ Central Valley Flood Protection Act of 2008 directed DWR to develop, and CVFPB to adopt, the CVFPP in 2012
- ✓ Updated on 5-year cycles in years ending in 2 and 7.
- ✓ A strategic, long-range plan that describes a programmatic vision for flood system improvements
- ✓ CVFPP is descriptive, not decisional; it is not a funding or permitting decision for specific projects.



CVFPP Goals



Primary Goal: Improve Flood Risk Management

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

Supporting Goals



Improve
Operations &
Maintenance



Promote
Ecosystem
Functions



Improve
Institutional
Support



Promote
Multi-Benefit
Projects



Compatible Responsibilities



DWR

- ✓ Prepares and works towards implementation of the CVFPP
- ✓ Provides technical assistance
- ✓ Administers financial assistance programs
- ✓ Operates & maintains part of SPFC

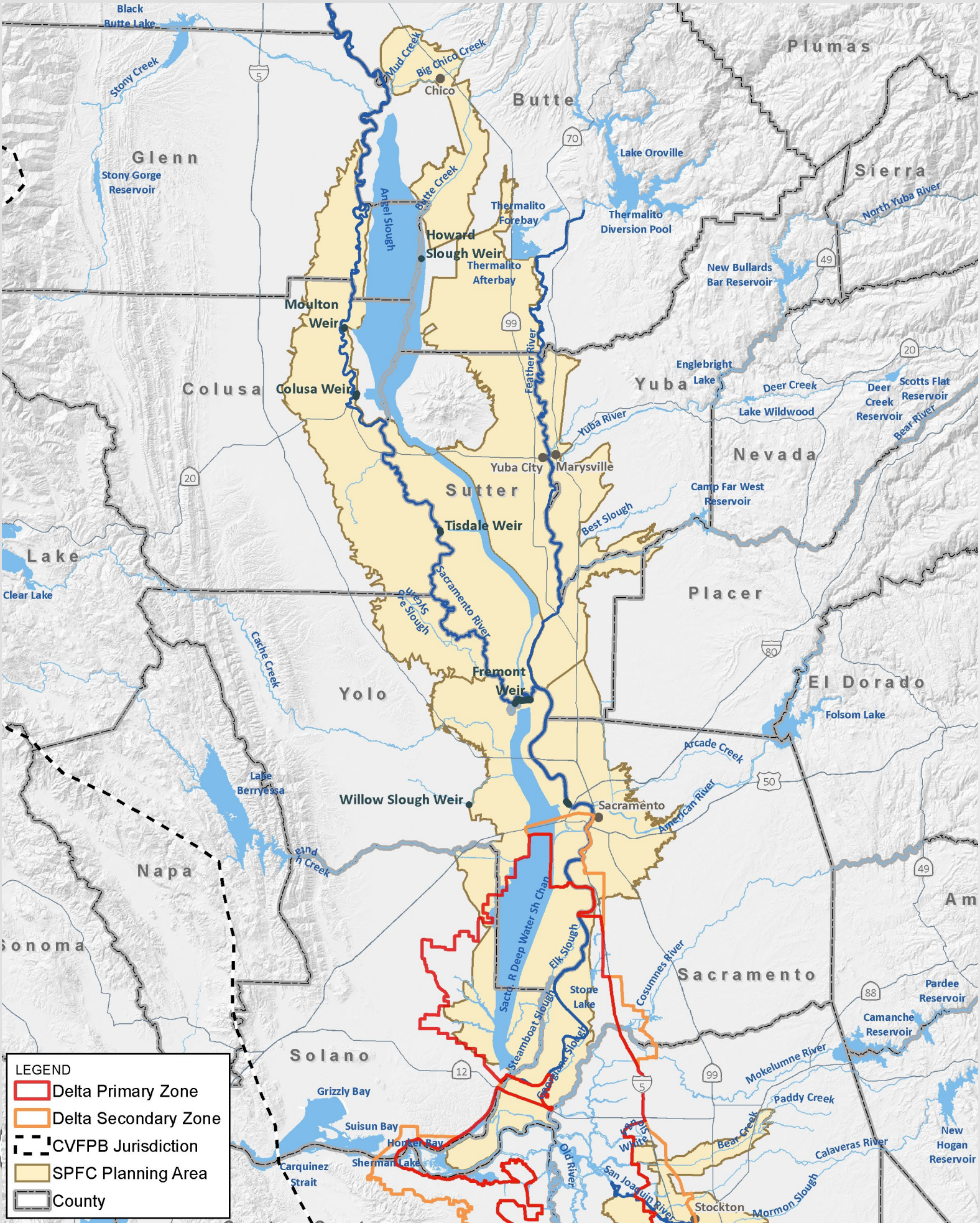


CVFPB

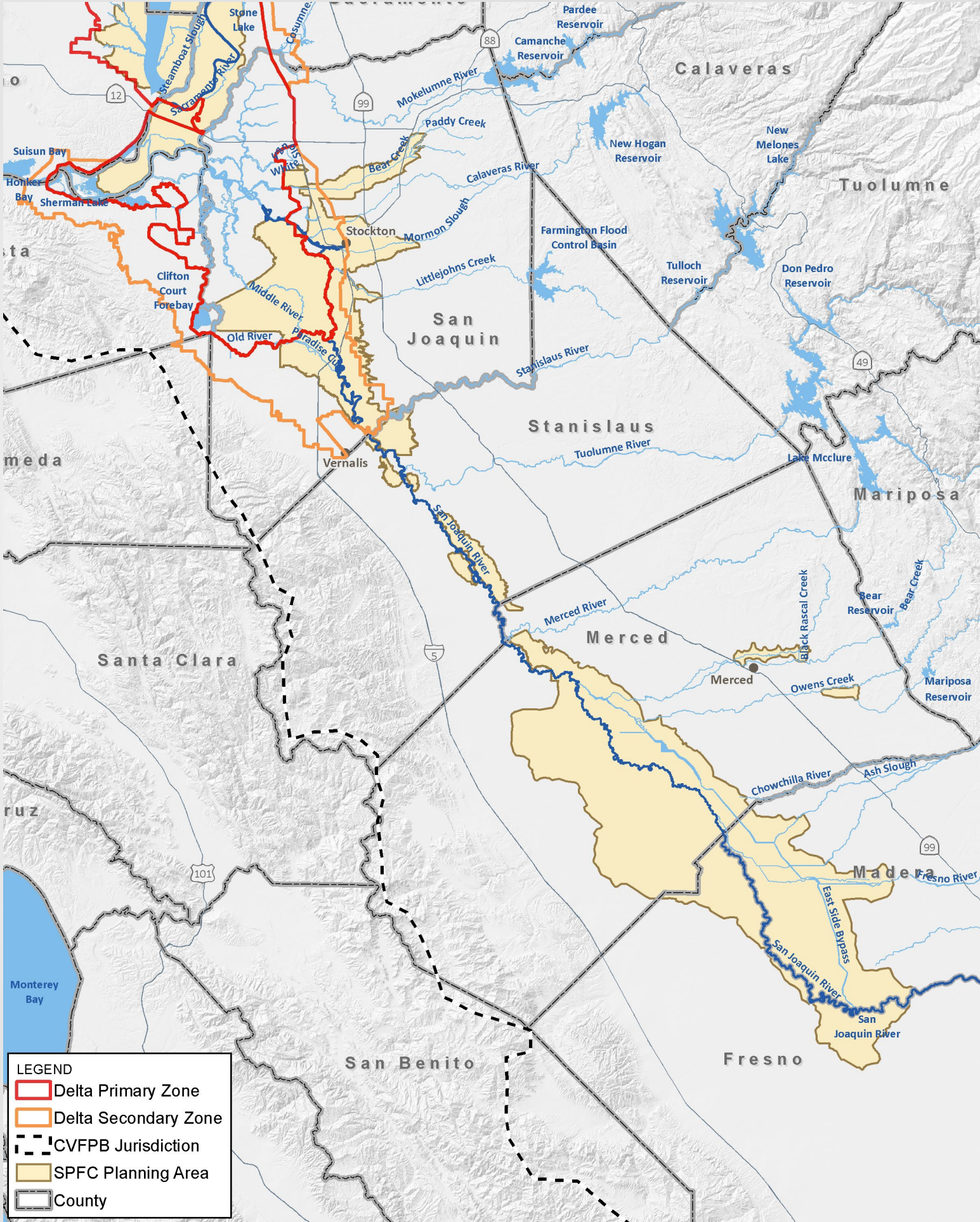
- ✓ Adopts and works towards implementation of the CVFPP
- ✓ Non-federal sponsor for SPFC facilities
- ✓ Administers encroachment permits
- ✓ Provides a public forum for stakeholder engagement



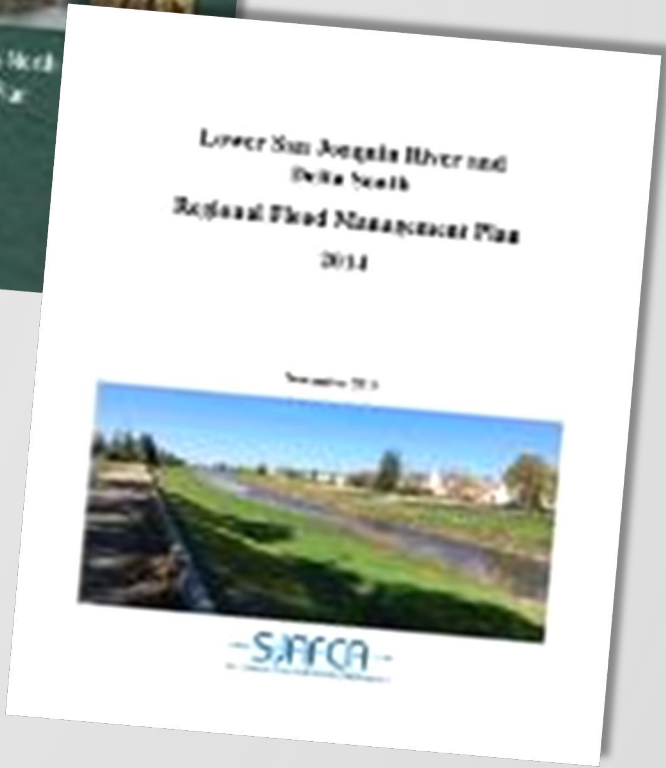
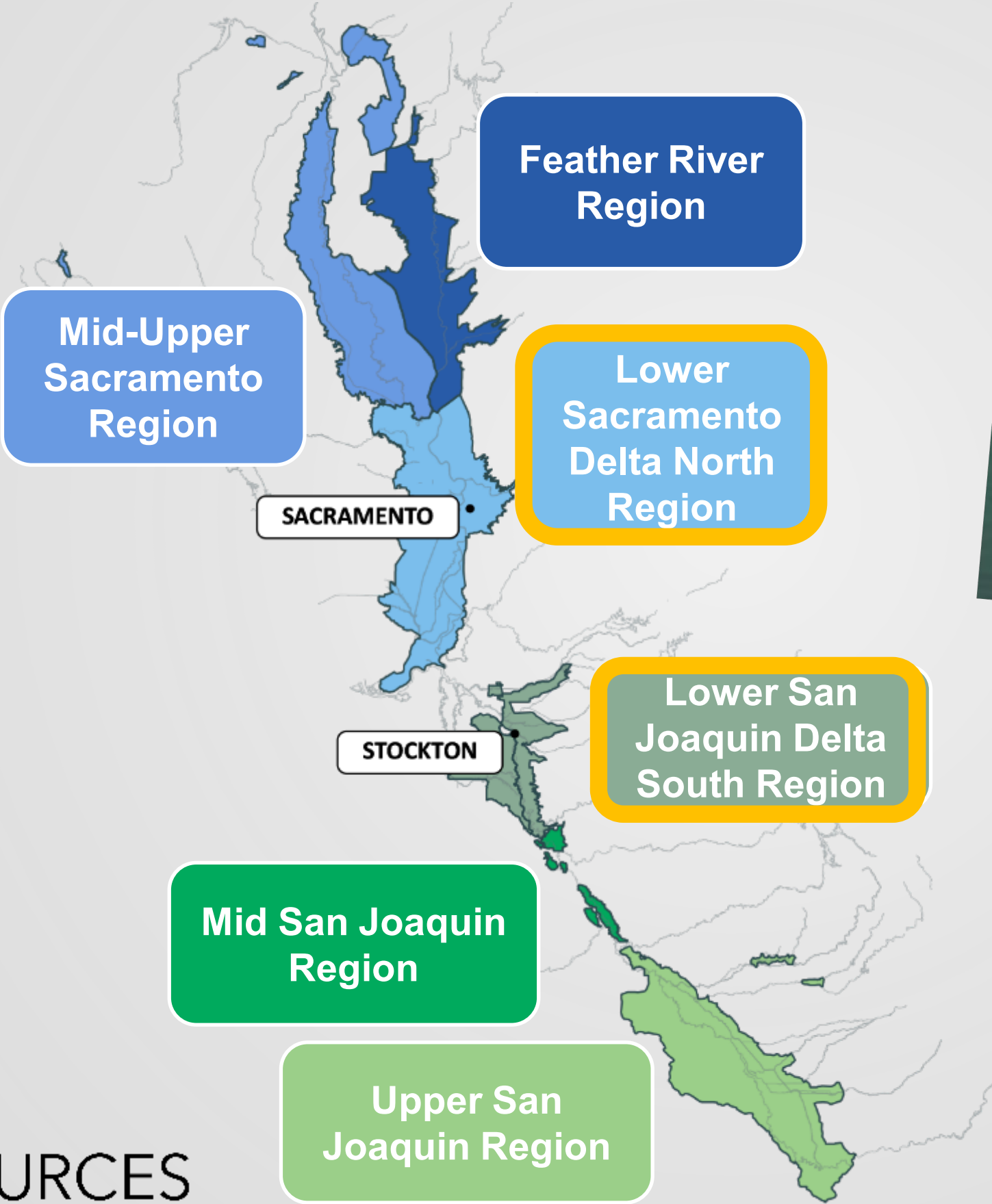
Sacramento Basin



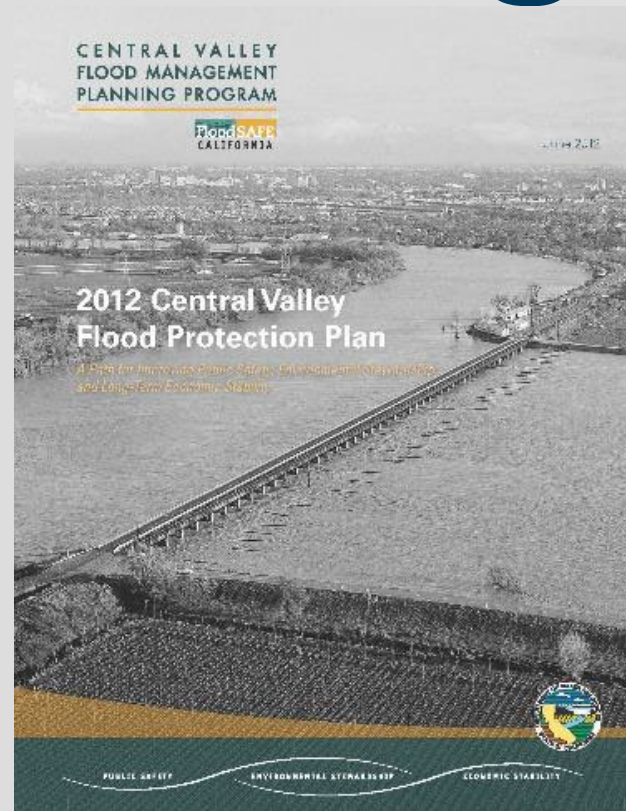
San Joaquin Basin



Regional Flood Management Plans



Looking Ahead

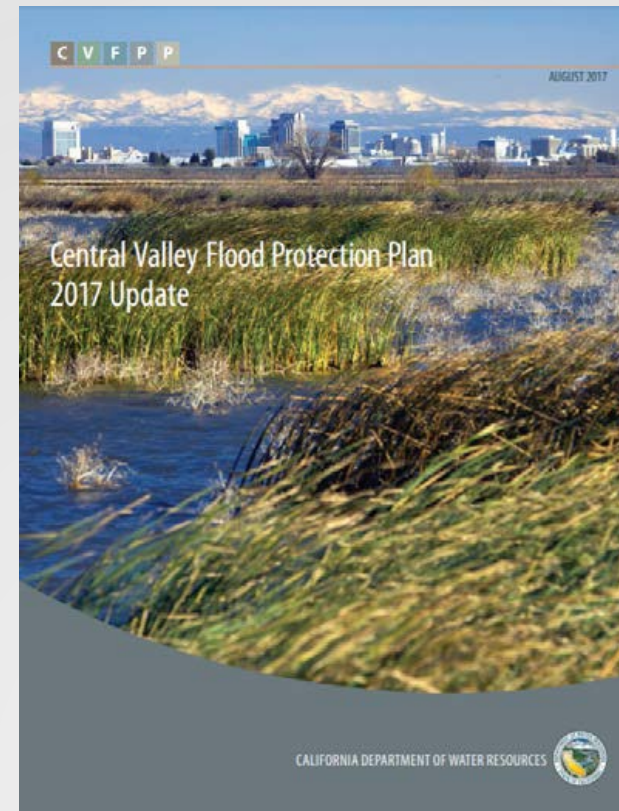


2012 CVFPP

- Introduced the State Systemwide Investment Approach (SSIA); identified goals and strategies to implement the CVFPP

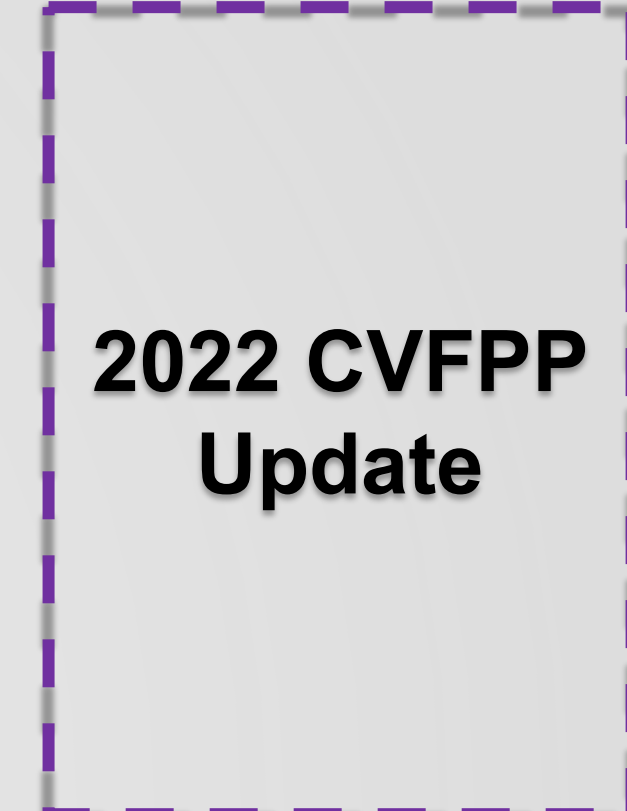


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2017 CVFPP Update

- Refined SSIA
- Flood Policy Issues
- Foundational Themes:
 - Integration with broader water resources objectives (multi-benefit)
 - Need for sustainable funding



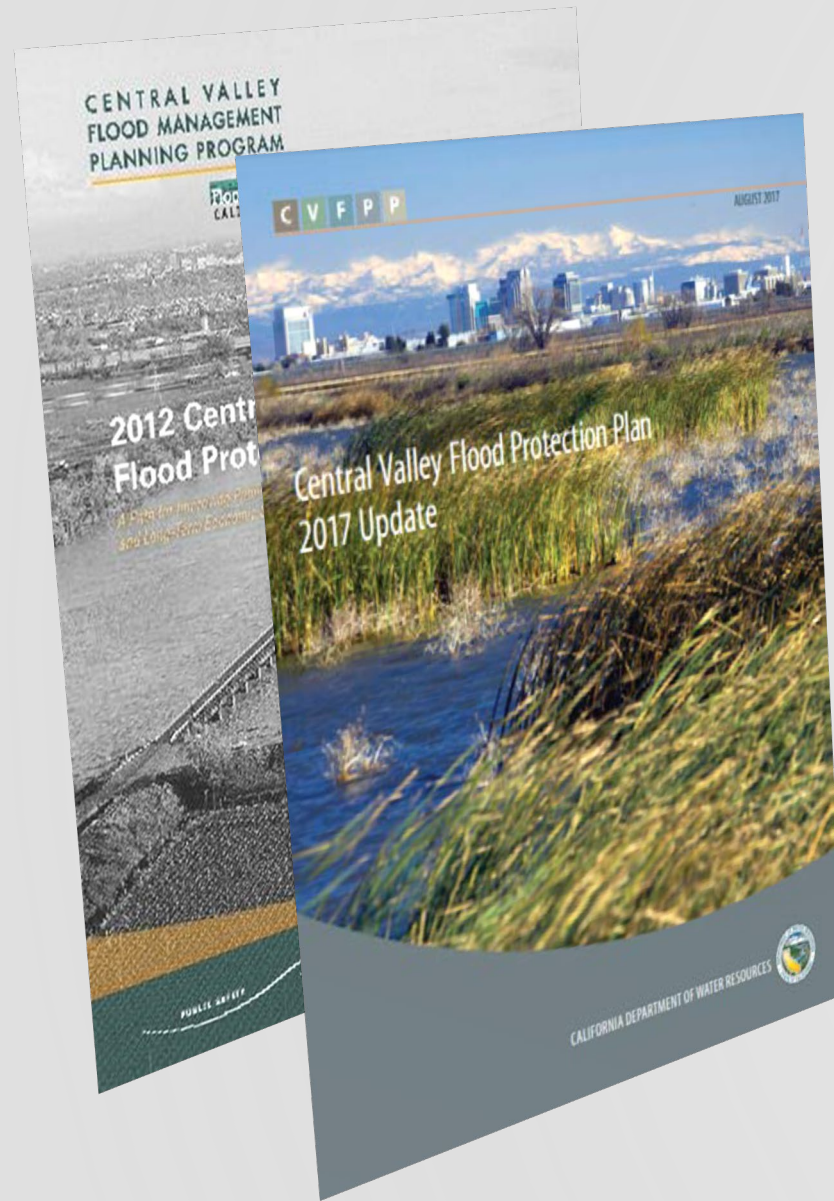
2022 CVFPP Update

Foundational Themes:

- Climate resilience
- Report project implementation accomplishments and outcomes (performance tracking)
- Alignment with other State efforts.



2017 CVFPP Update



Recommended investments, policies, and performed technical analyses to support comprehensive flood risk management actions locally, regionally, and systemwide

Investments Over 30 Years

C V F P P

\$17 to 21 billion

Major 8 Policy Issues



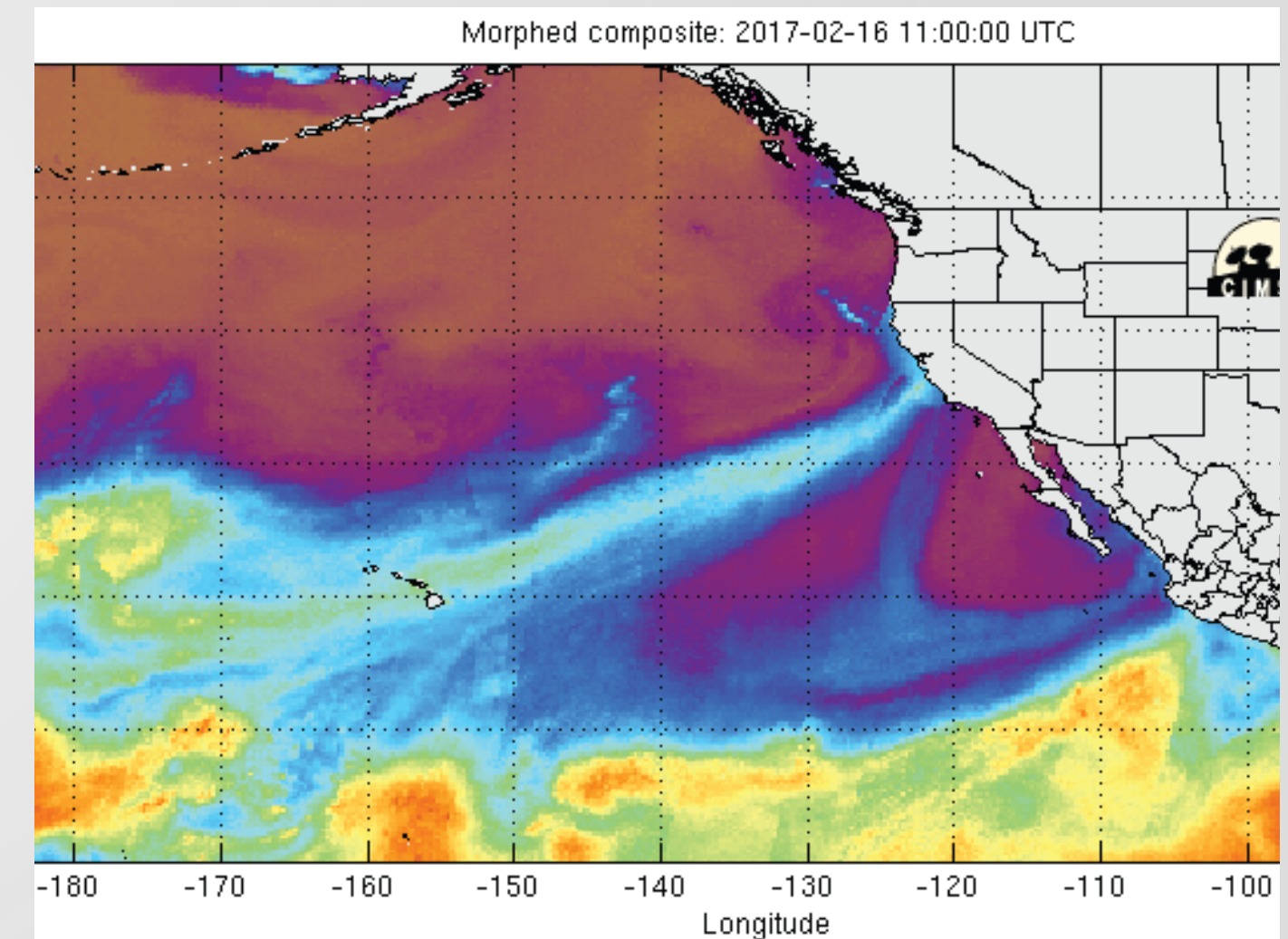
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2022 CVFPP Update - Climate Change Resilience

- California is on the cutting edge of understanding the effects of a changing climate on flood management.
- The 2022 Update will
 - Build upon analyses done in 2012 and 2017
 - Be informed by new data
 - Use a comprehensive risk-management approach to increase climate resilience and provide multiple benefits.



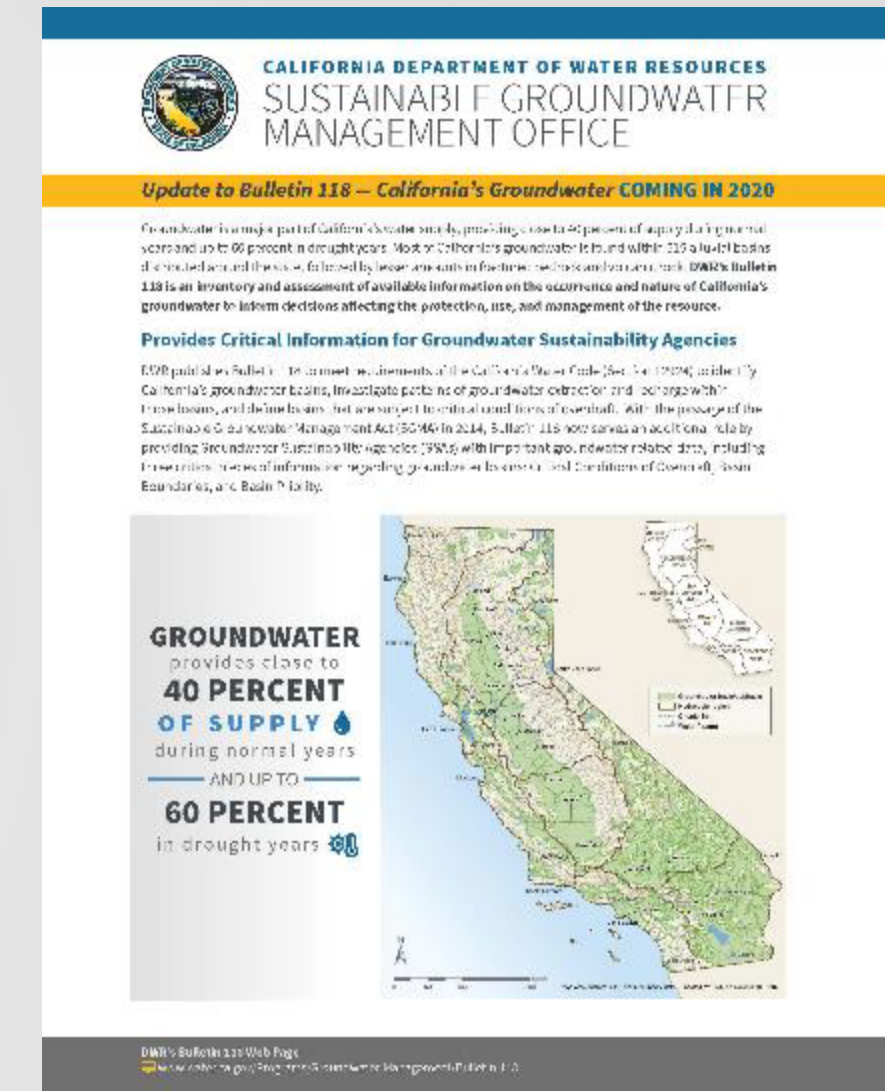
2022 CVFPP Update -Tracking Accomplishments and Performance

- 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.



2022 CVFPP Update - Alignment with Other State Efforts

- The 2022 Update will align with other State efforts, including:
 - Governor Newsom's Water Resilience Portfolio
 - California Water Plan Update 2023
 - The Delta Plan
 - Sustainable Groundwater Management Act Implementation (Bulletin 118)
 - DWR Climate Action Plan
 - H2F Initiative – Flood Safety Partnership



STATE OF CALIFORNIA
WATER RESILIENCE
PORTFOLIO INITIATIVE



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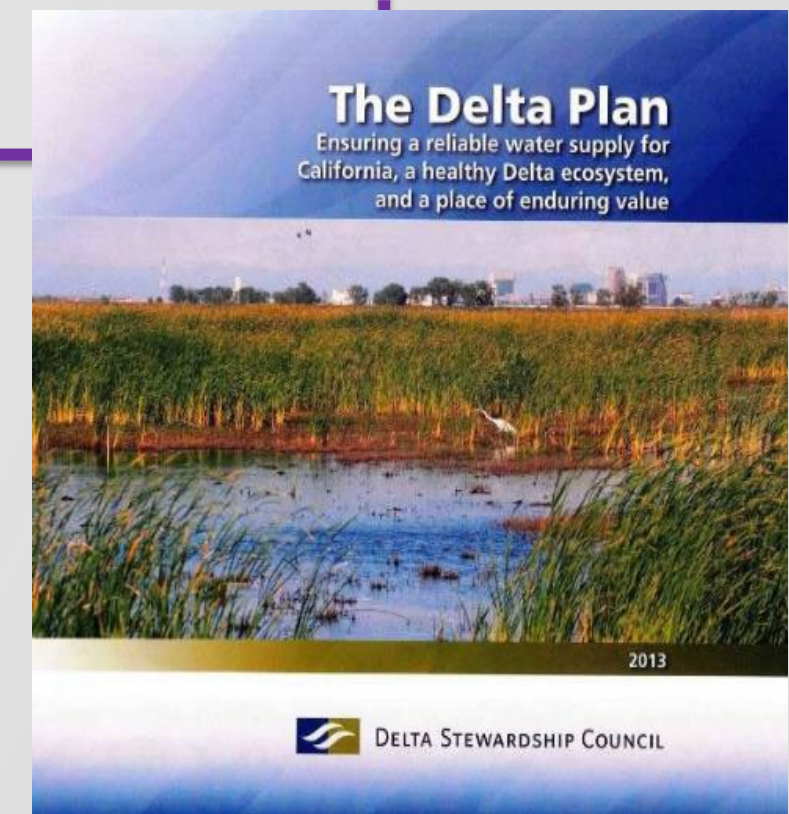


CVFPP and Delta Planning

Current collaboration underway:

- ✓ MOU Working Group
 - ✓ Formed by DSC, CVFPB, and DWR to better coordinate and collaborate on future Delta levee investments.
 - ✓ To establish an effective working relationship between agencies that have overlapping authorities and responsibilities in the legal Delta
- ✓ Staff Discussions on Climate Change Technical Approaches (DSC's Climate Initiative, DeltaAdapts and CVFPP Climate Change Analyses)

**2022 CVFPP
Update**



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CVFPP and Delta Planning

- ✓ Areas of Future Collaboration:
 - ✓ Consistency Determination
 - ✓ Performance Tracking



Any Questions?



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Thank you

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