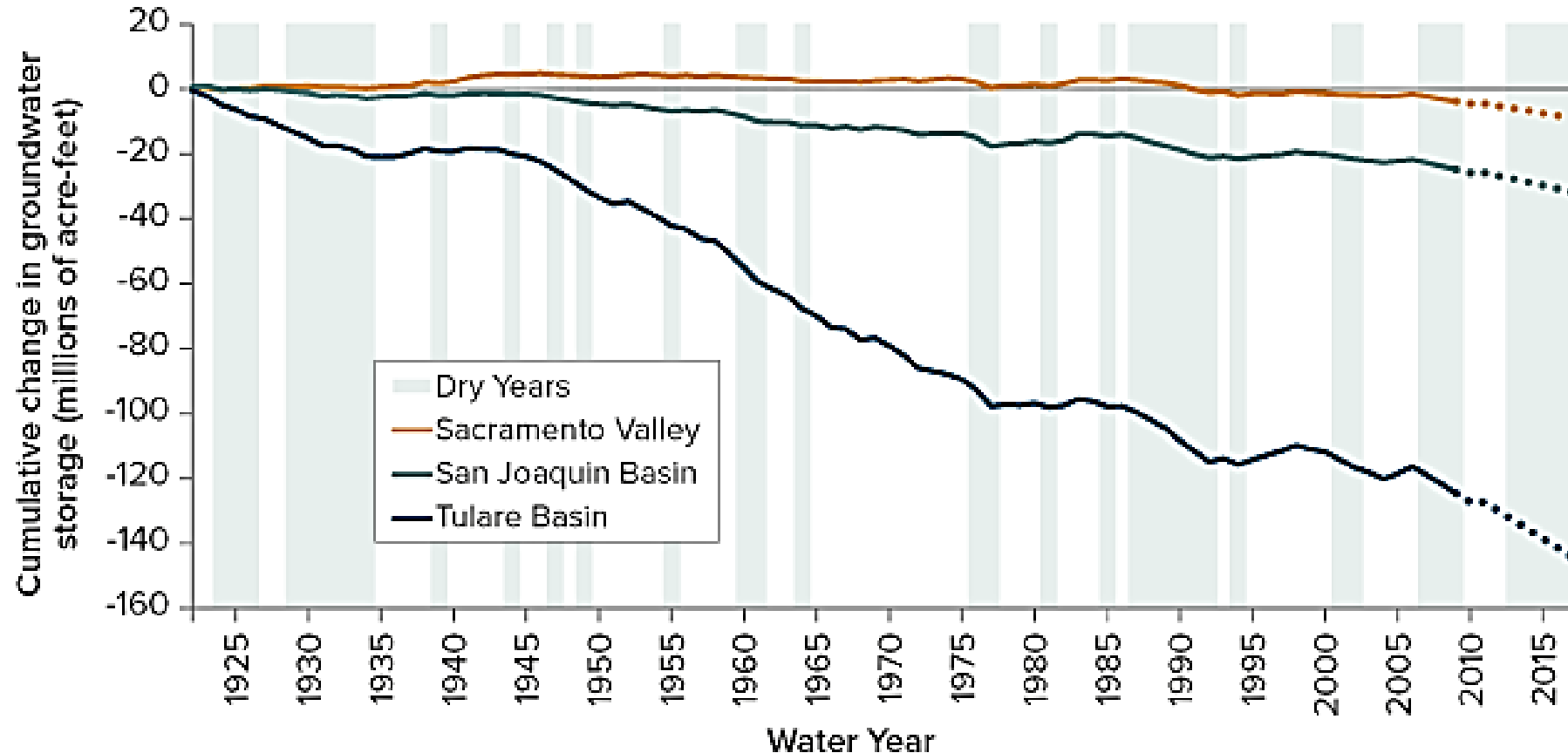


URBAN WATER INSTITUTE SGMA PANEL

Feb. 17, 2022



SUSTAINED REGIONAL GROUNDWATER OVERDRAFT



SOURCE: Historical data through 2009 from the California Department of Water Resources; PPIC estimates after 2009. E. Hanak et al.

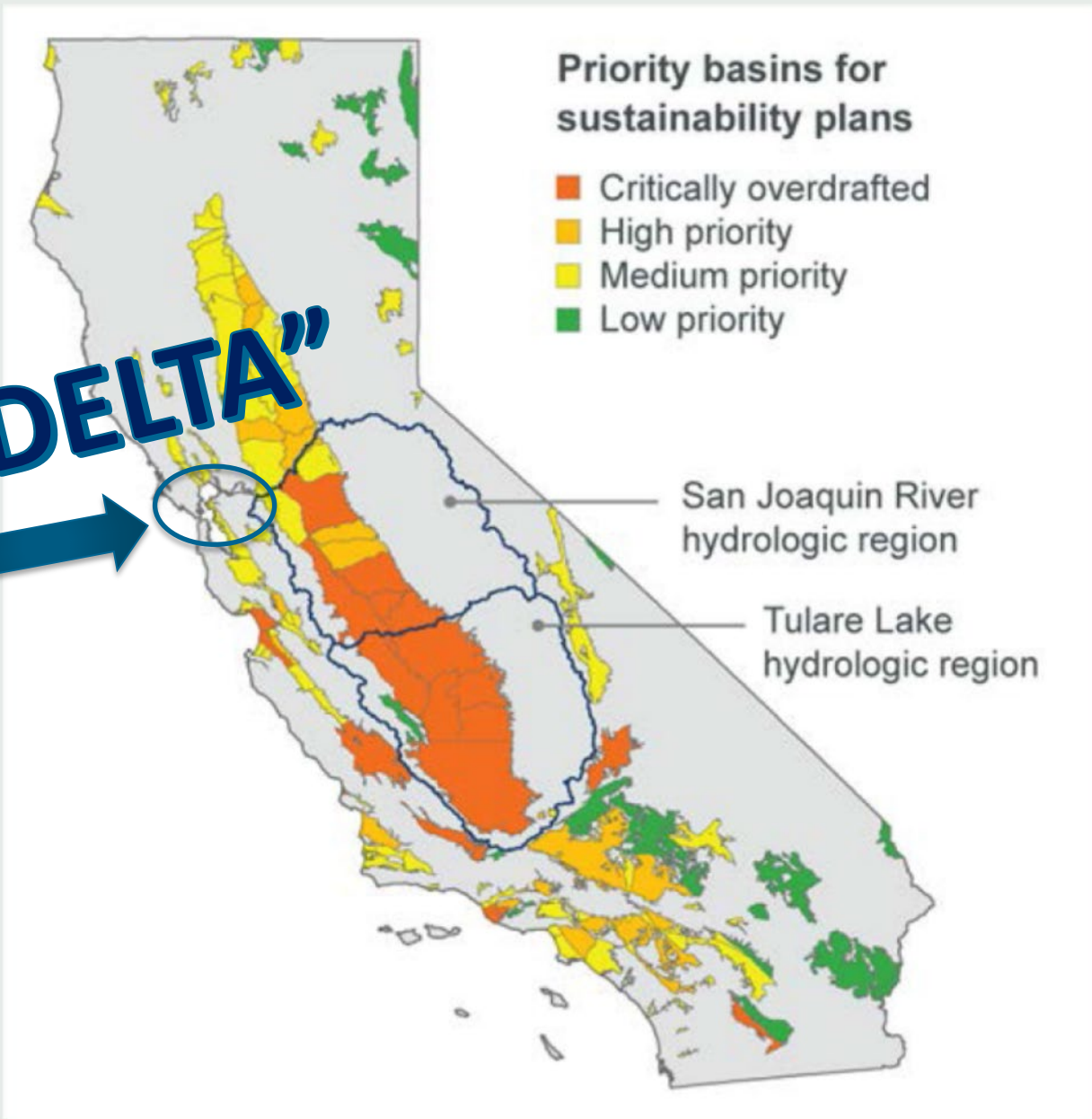


LAND SUBSIDENCE

IMPACTS OF GROUNDWATER OVERDRAFT



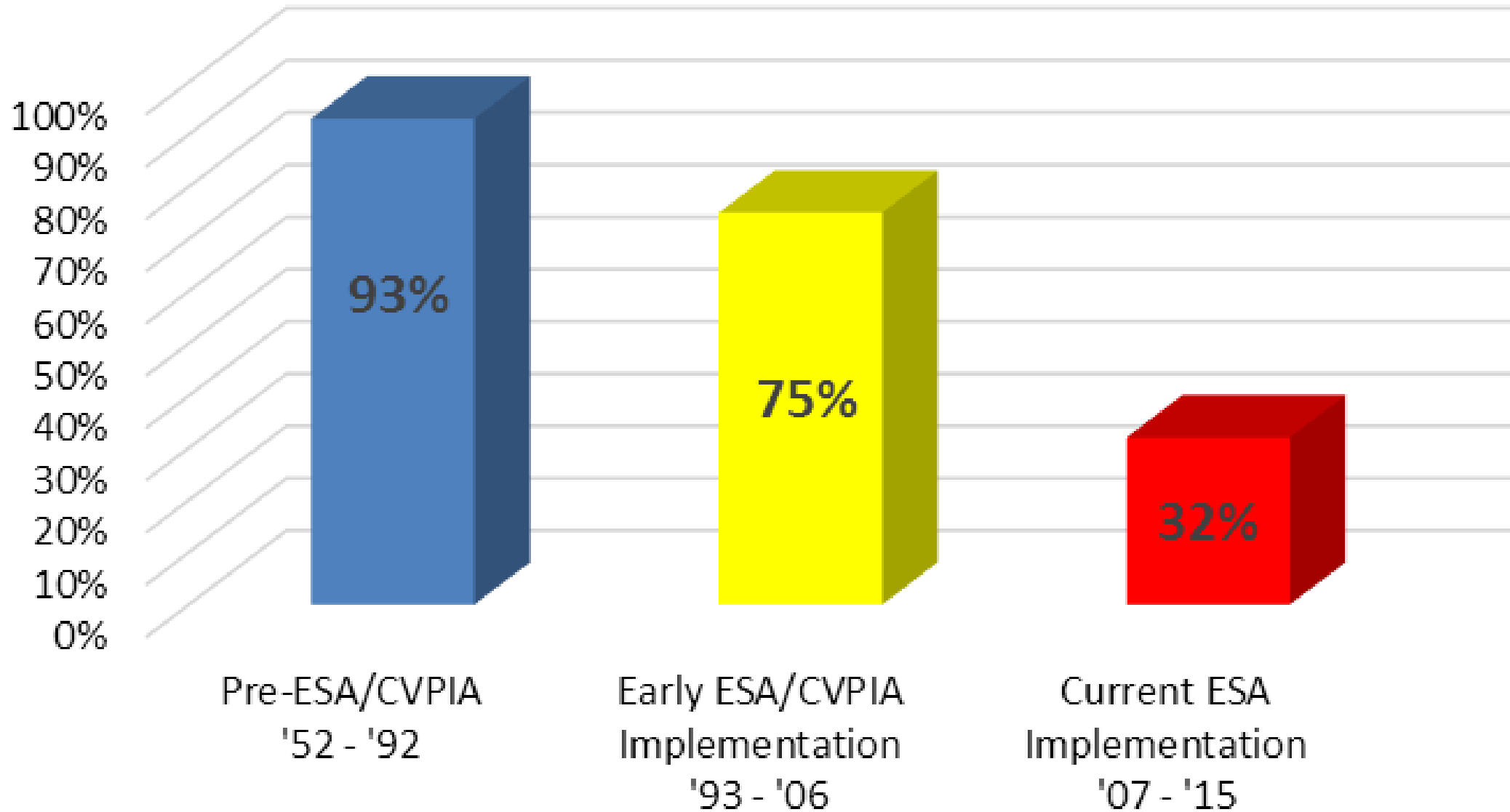
“THE DELTA”

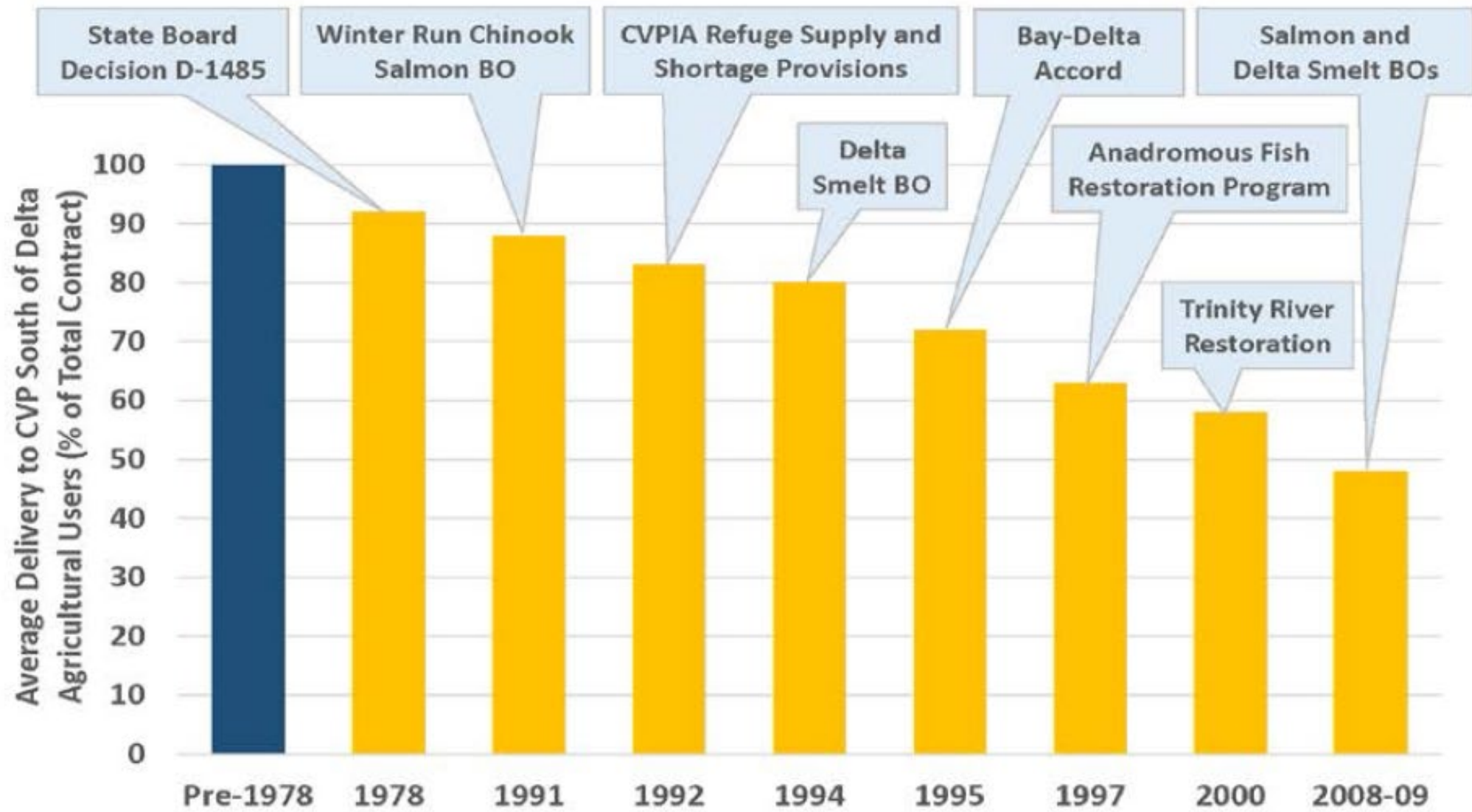


SOURCE: California Department of Water Resources.



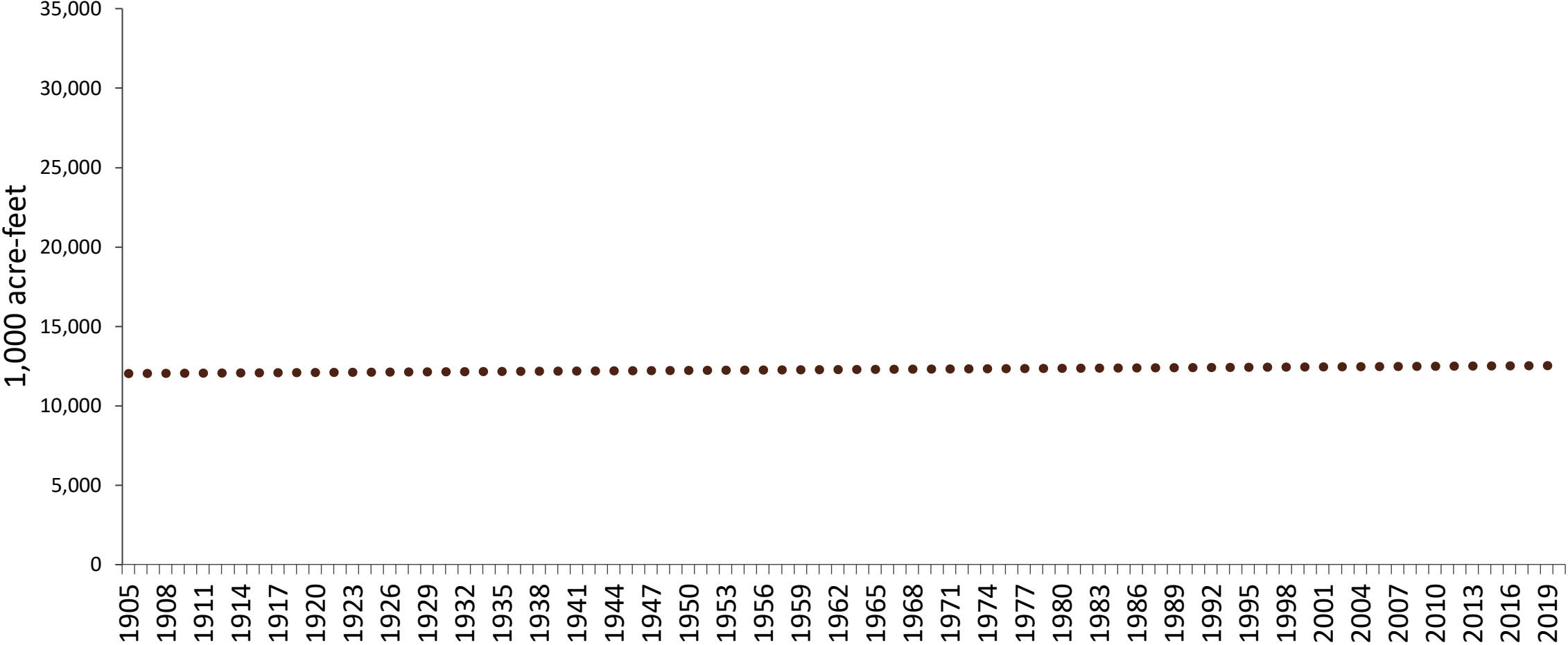
South of Delta CVP Ag Allocations by Era



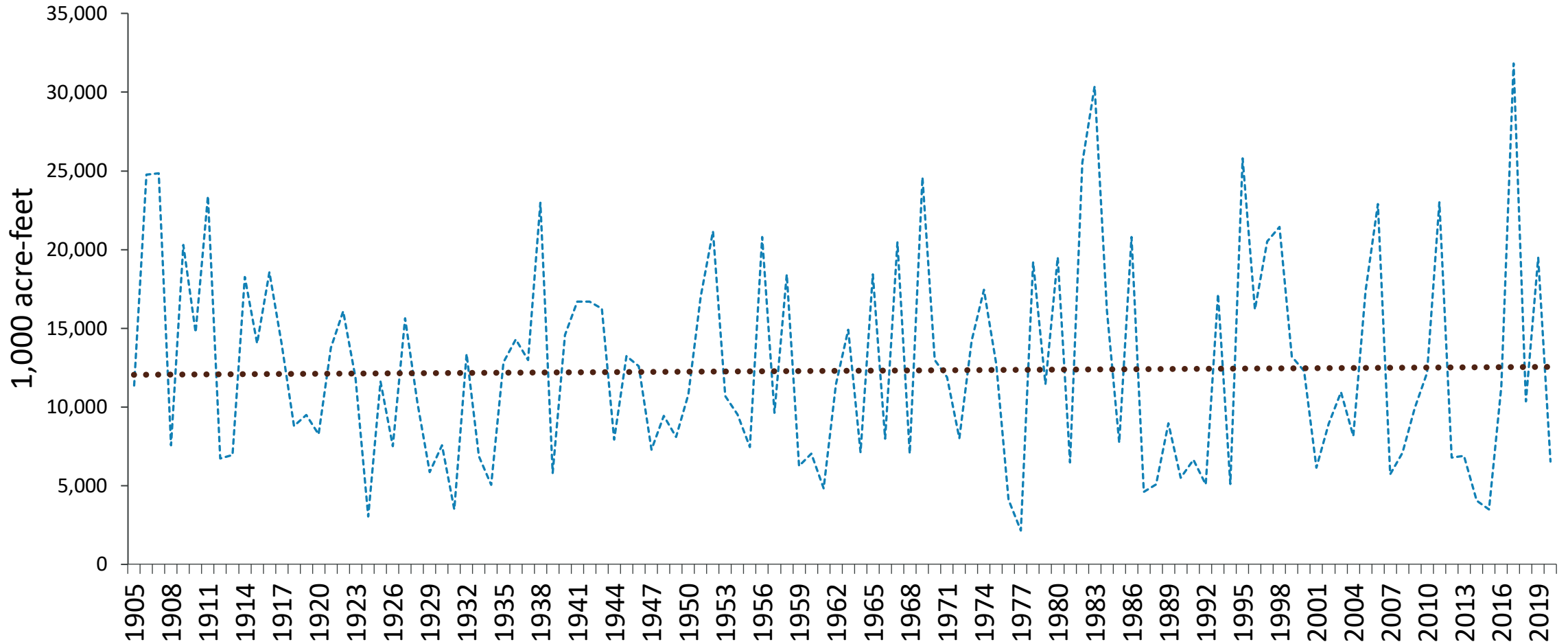


Sources: Pre-1978, CVP Water Delivery Records; 1978 – 2000, San Luis Delta Mendota Water Authority, extracted from various California Department of Water Resources (DWR) and U.S. Department of the Interior, Bureau of Reclamation (Reclamation) CalSim-II benchmark studies; 2008/2009, Reclamation & DWR CalSim-II Benchmark BO Study.

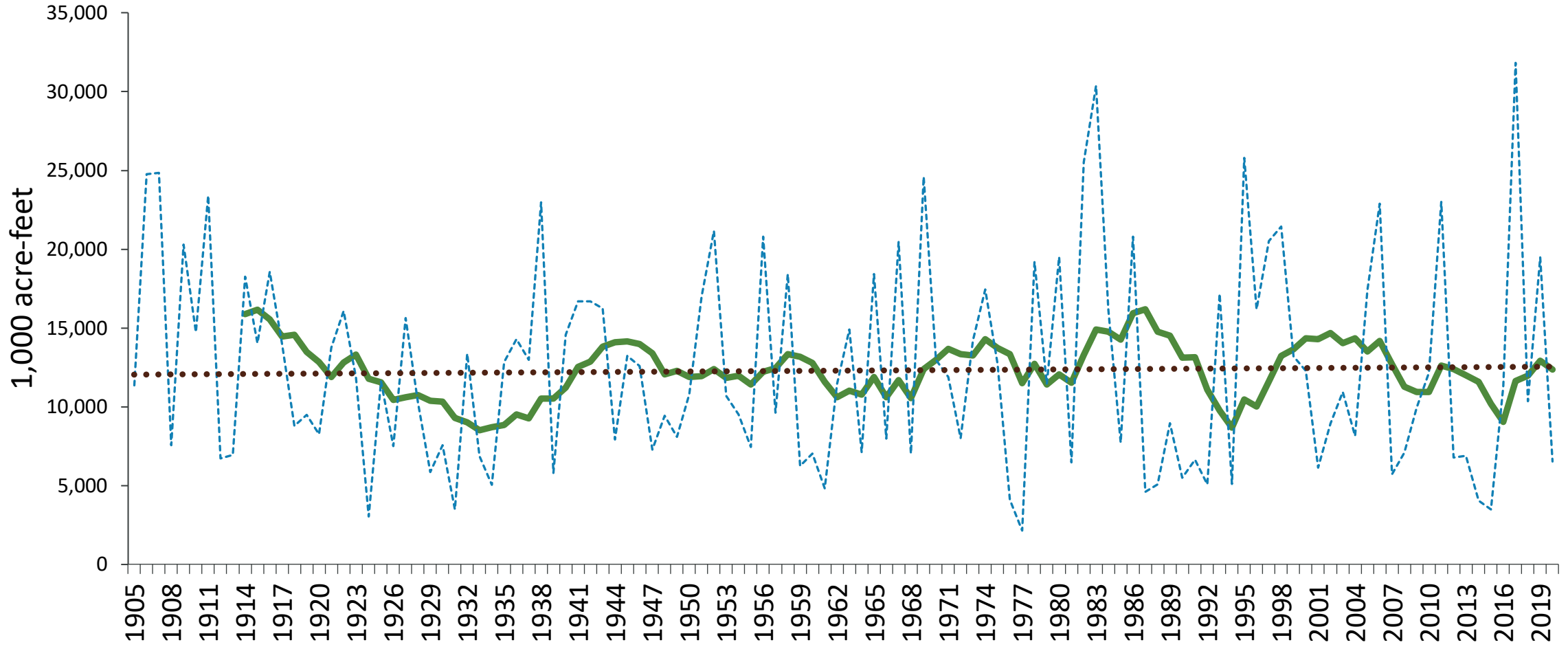
AVERAGE TOTAL INFLOW INTO MAJOR CA RESERVOIRS (LINEAR REGRESSION)



AVERAGE TOTAL INFLOW INTO MAJOR CA RESERVOIRS (ANNUAL)

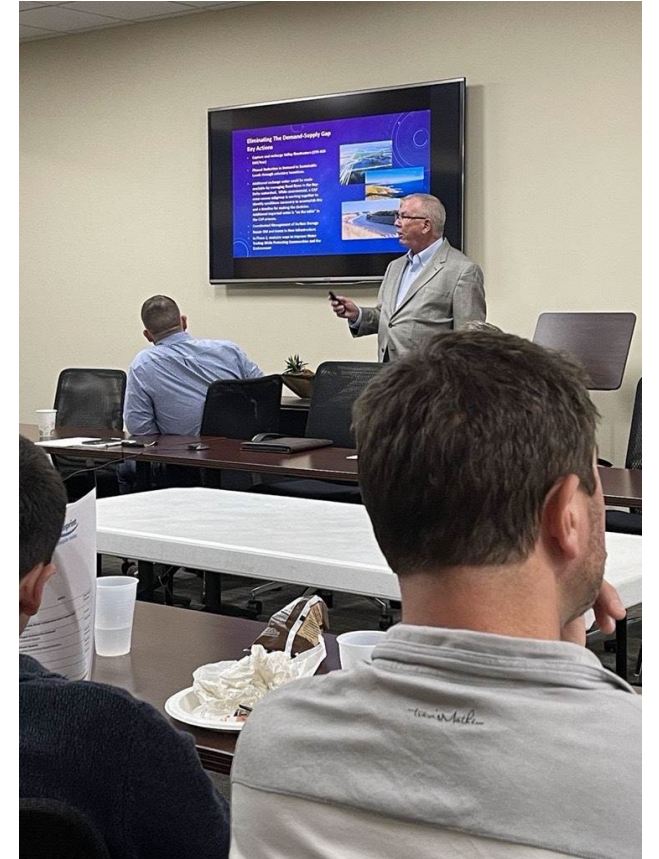


AVERAGE TOTAL INFLOW INTO MAJOR CA RESERVOIRS (10-year rolling average)



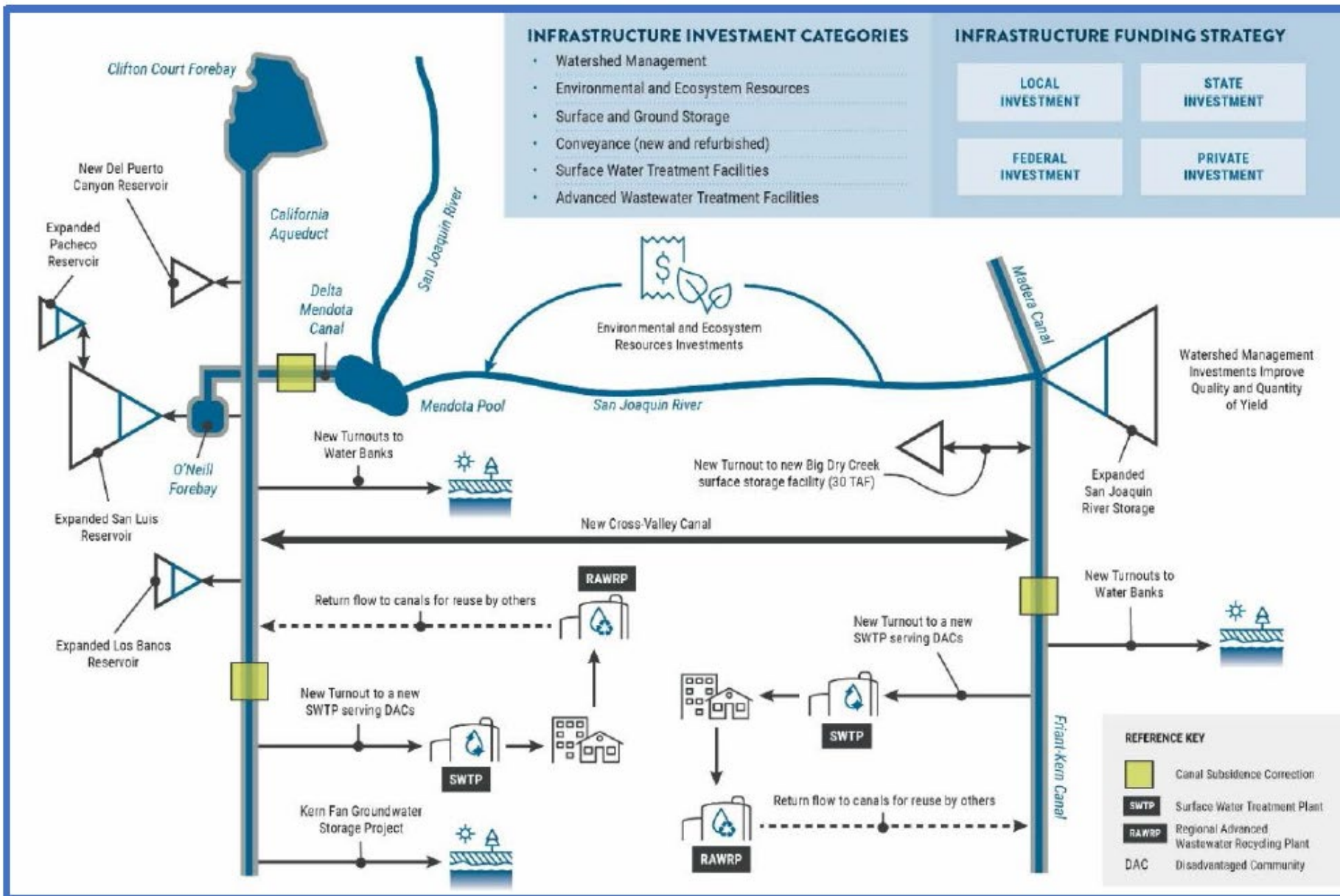
Water Blueprint

for the San Joaquin Valley



Water Blueprint

for the San Joaquin Valley





San Joaquin Valley Water Collaborative ACTION Program

Phase 1: Action Plan



UWI February 17, 2022

CAP CAUCUSES AT THE TABLE



Safe Drinking Water & DACs



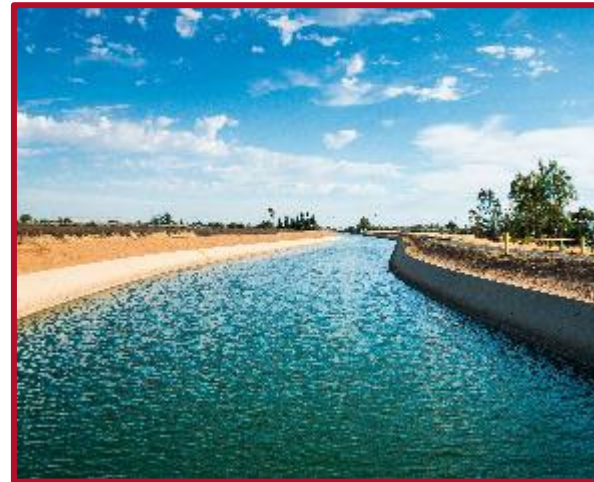
Environmental NGOs



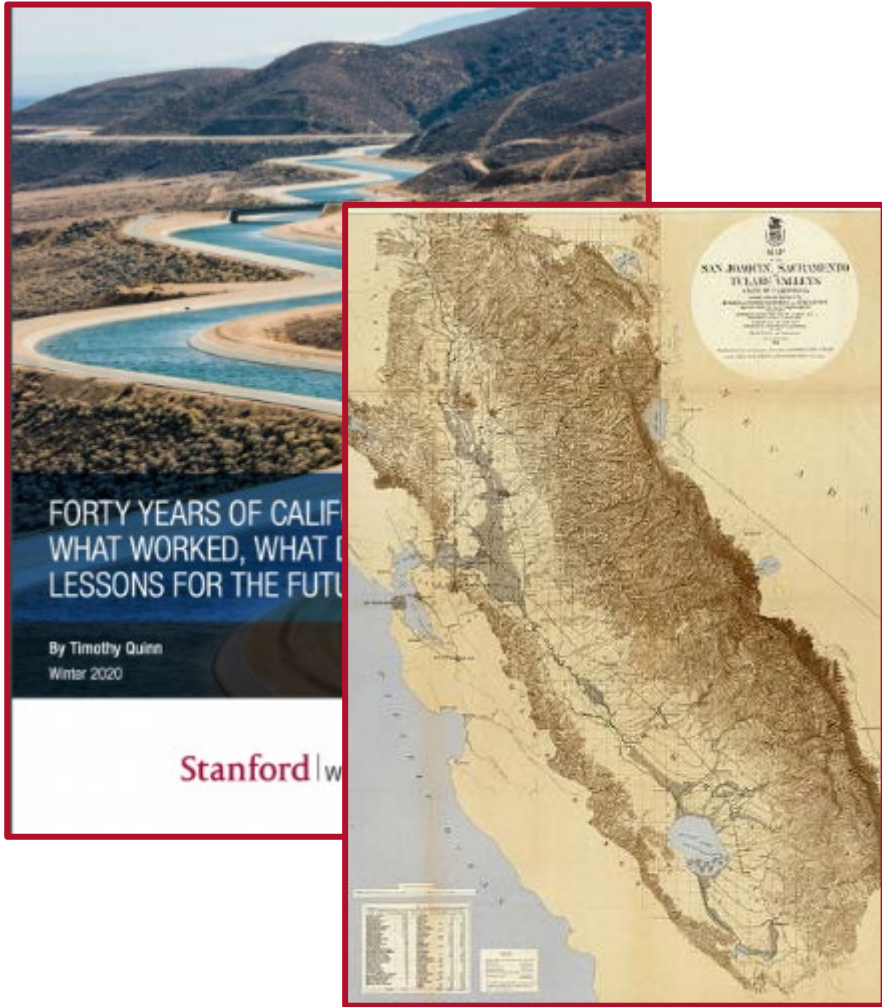
Local Government



Farmers and the Ag Industry



Water Agencies



PHASE 1 ACTION PLAN

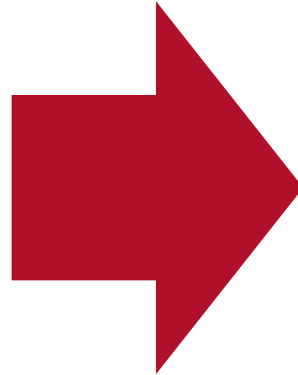
- COMMON Problem Statement
- COMMON Solution Set

CAP FOCUS: A COMPREHENSIVE, INTEGRATED SET OF SOLUTIONS TO TRANSFORM THE VALLEY TO SUSTAINABLE WATER RESOURCE MANAGEMENT

OUTCOMES AND SOLUTIONS

CAP DESIRED OUTCOMES

1. **Safe Drinking Water for All Valley Residents in a Timely Manner**
2. **Sustainable Water Supplies for Farms, Communities, and Ecosystems**
3. **Increase Floodplain/Ecosystem Habitat**
4. **Significant Changes in Use of Land in the Valley**
5. **Consistent Local, State, and federal Policies**



CAP SOLUTION SET WORK GROUPS

1. **Strategies to Connect Drinking Water Systems and Other Actions**
2. **Comprehensive Strategies to Bridge the D-S Gap**
3. **Strategies to Invest in Voluntary Conversion to Floodplain, Wetland, Riparian, On-Farm, and Upland Habitats**
4. **Envisioning Strategies to Change Valley-Wide Land Use**
5. **Strategies to Align and Adequately Fund Local, State, and Federal Policies**

Q & A

