

CALIFORNIA DEPARTMENT OF WATER RESOURCES

# What is California Water Plan Update 2023 and how does it relate to the Water Resilience Portfolio?

California Water and Environmental Modeling Forum

April 4, 2022



**Lewis Moeller, P.E.**

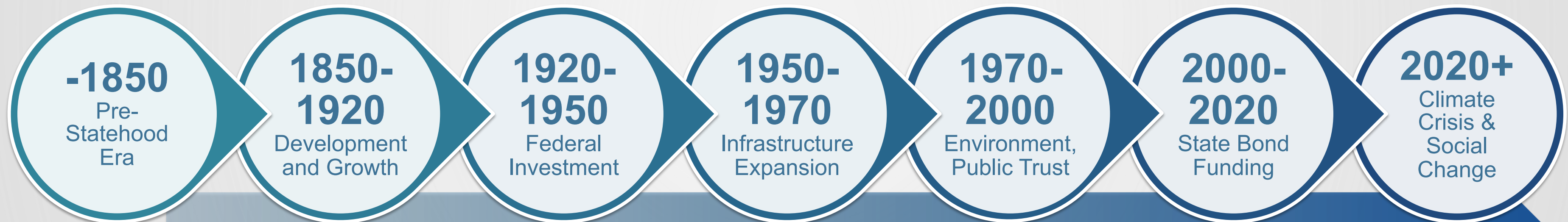
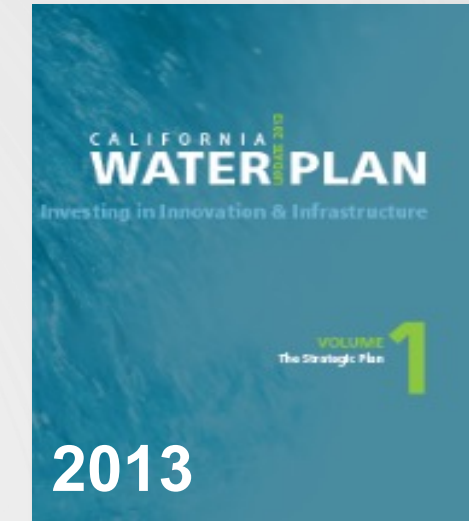
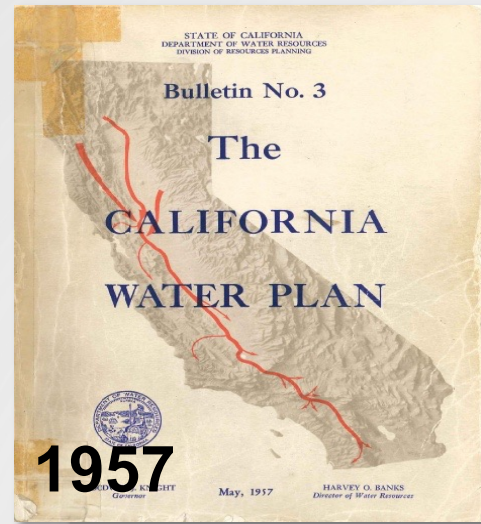
Project Manager

California Water Plan, Division of Planning

California Department of Water Resources



# California Water Plan Through the Years



**Resource Extraction**

**Sustainable Resource Management**

SWP Development

Integrated Water Management

Watershed Resilience & Sustainability

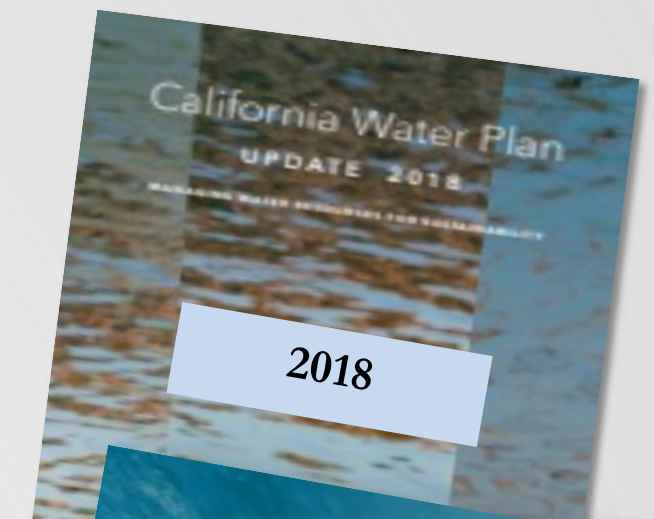
Climate Urgency & Racial Equity



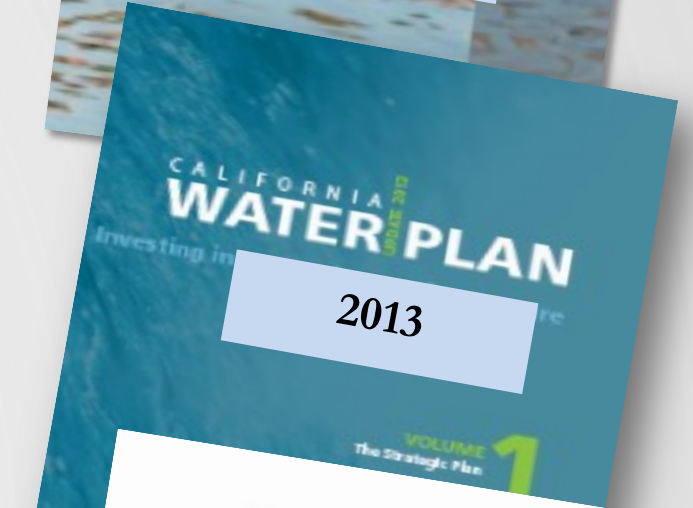


# 21<sup>st</sup> Century Water Plan Updates are Pioneering and Transformative

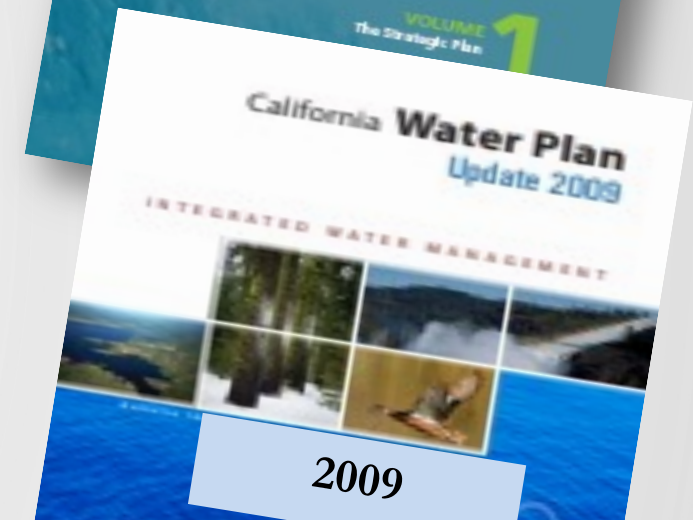
- Expanded participation & transparency
- Climate change impacts & adaptation
- Integrated watershed management
- Environmental stewardship & natural infrastructure
- Water management for resilience & sustainability – Environment / Economy / Equity
- Innovation roadmap for data, analysis, and R&D
- Informing water policies & decisions



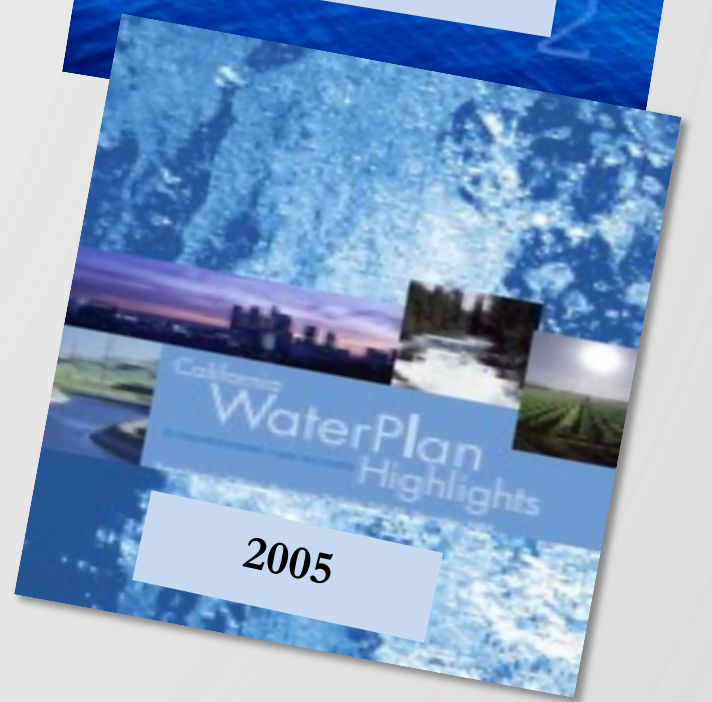
2018



2013



2009



2005



# UPDATE 2023 THEMES

Climate Change | Watershed Resilience | Equity

## Data, Information and Analysis:

- Climate Change Science
- Future Scenarios
- Water Balances
- Water Budgets
- Urban Water Use
- Land and Water Use

## Regional Planning and Support:

- Watershed Resilience Planning Initiative
- Resources Management Strategies
- Performance Tracking Watershed Hub

## Reports and Publications:

- Assumptions and Estimated Report
- Update 2023 Water Plan
- Other Supporting Documents

## People and Water:

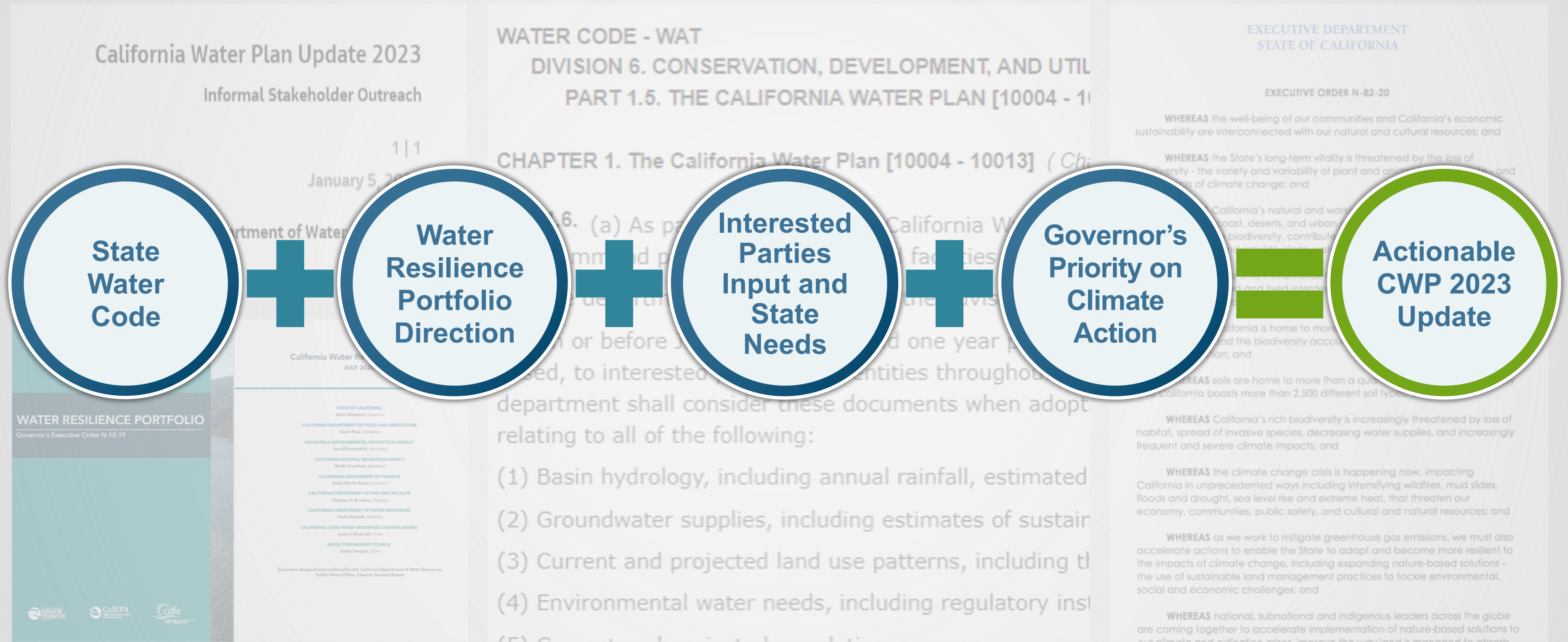
- Equity in Water
- Tribal
- Communications and Engagement

## UPDATE 2023 WORKSTREAMS



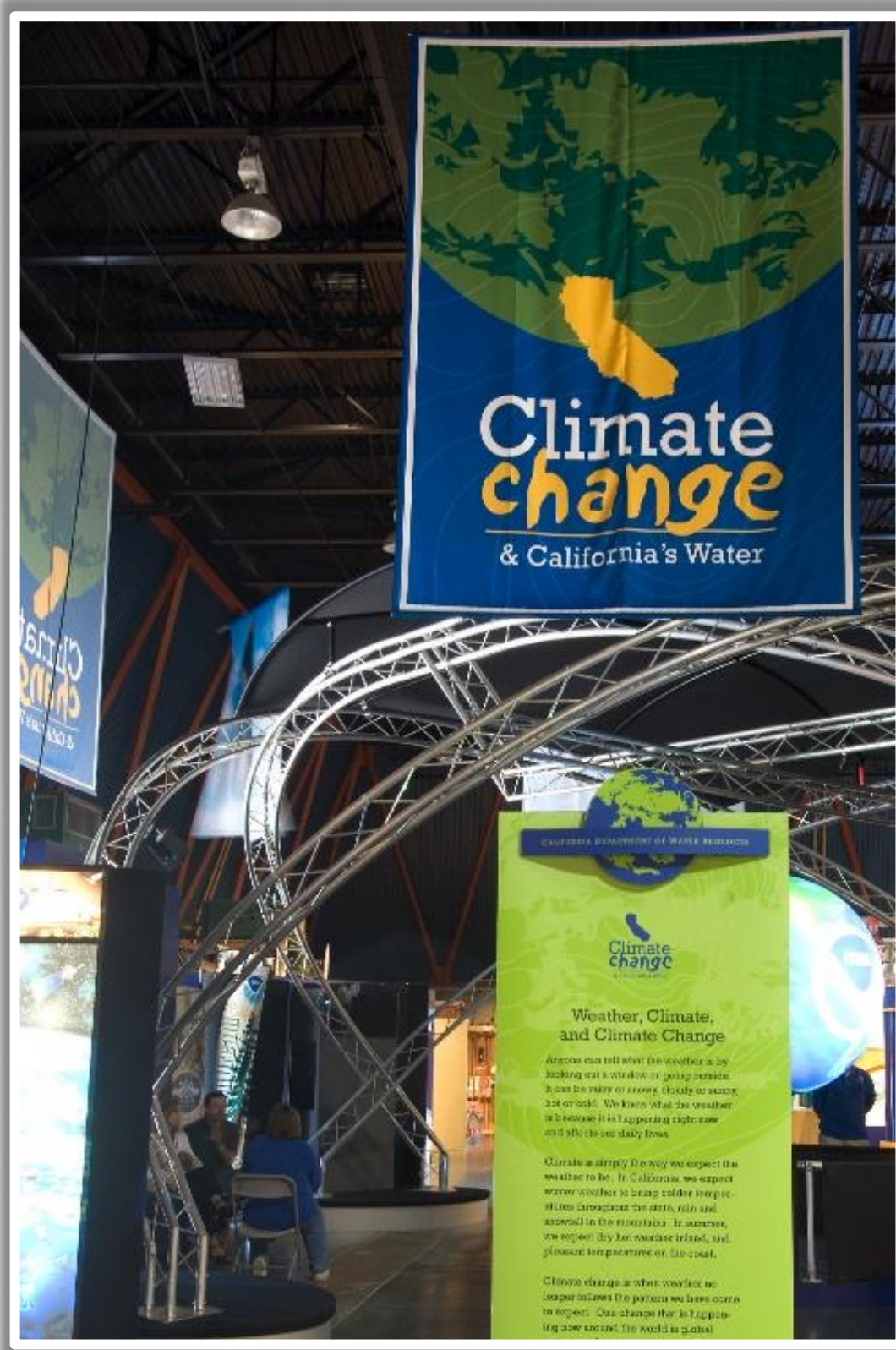


# Context For Update 2023





# Incorporating Water Resilience Portfolio Priorities



**Water Supply, Quality, and Equity**



**Environmental Stewardship**



**Climate-Smart Agriculture**



**Disaster Preparedness and Response**





# California Water Plan Update 2023

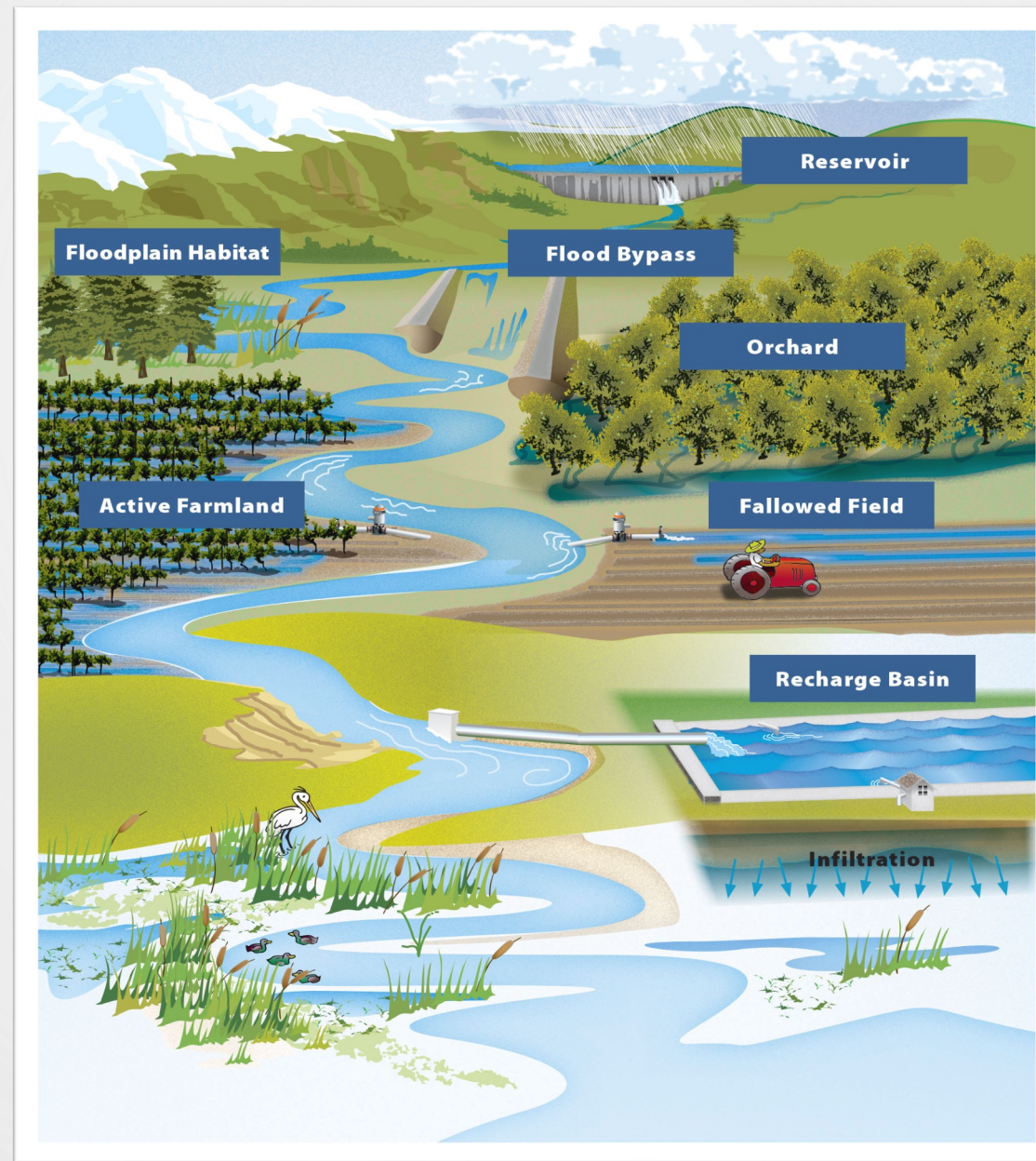
Advancing Themes of the Water Resilience Portfolio

Through State Agency Alignment AND Enhanced Watershed-scale Networks

## Climate Change Science



## Watershed Resilience



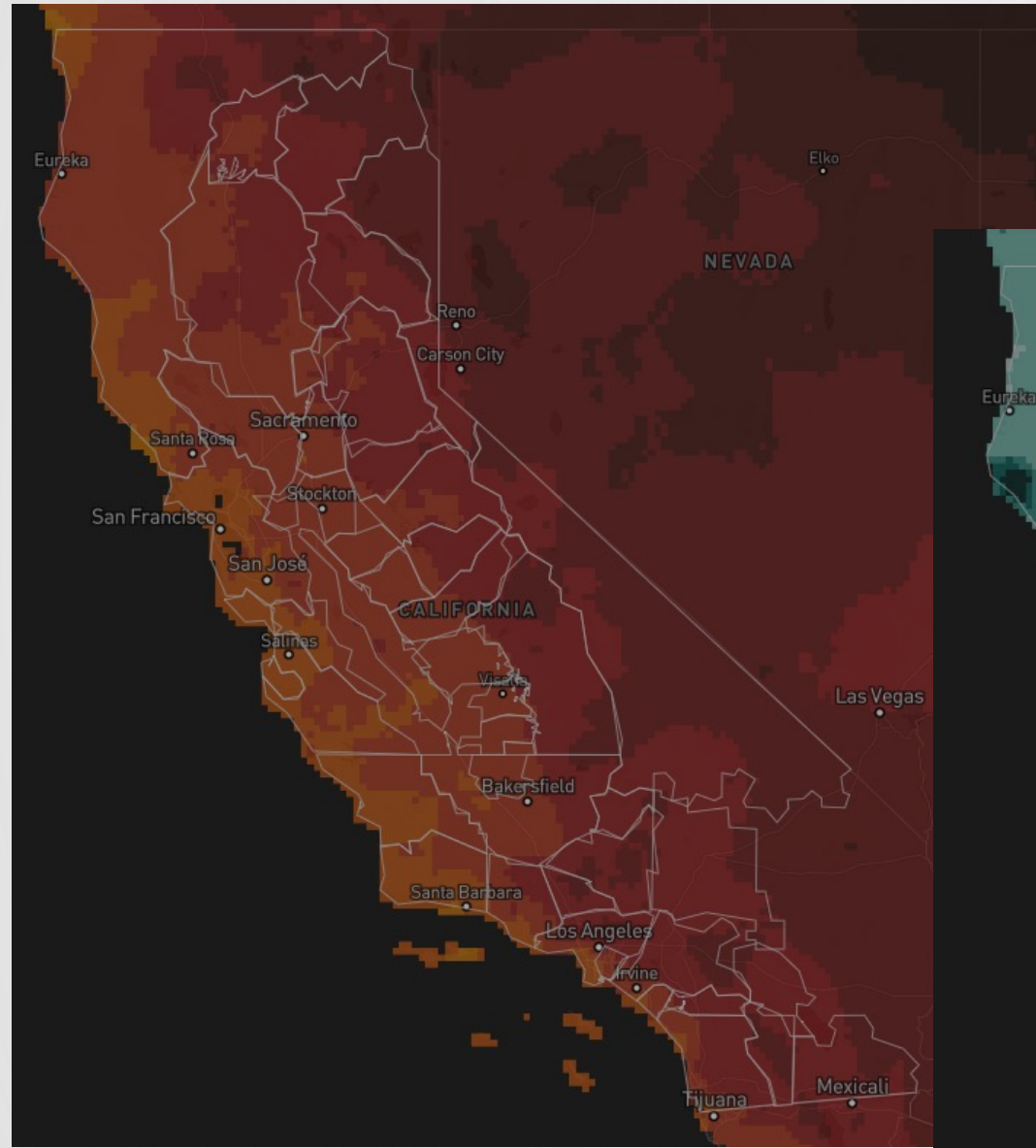
## Equity in Water Management



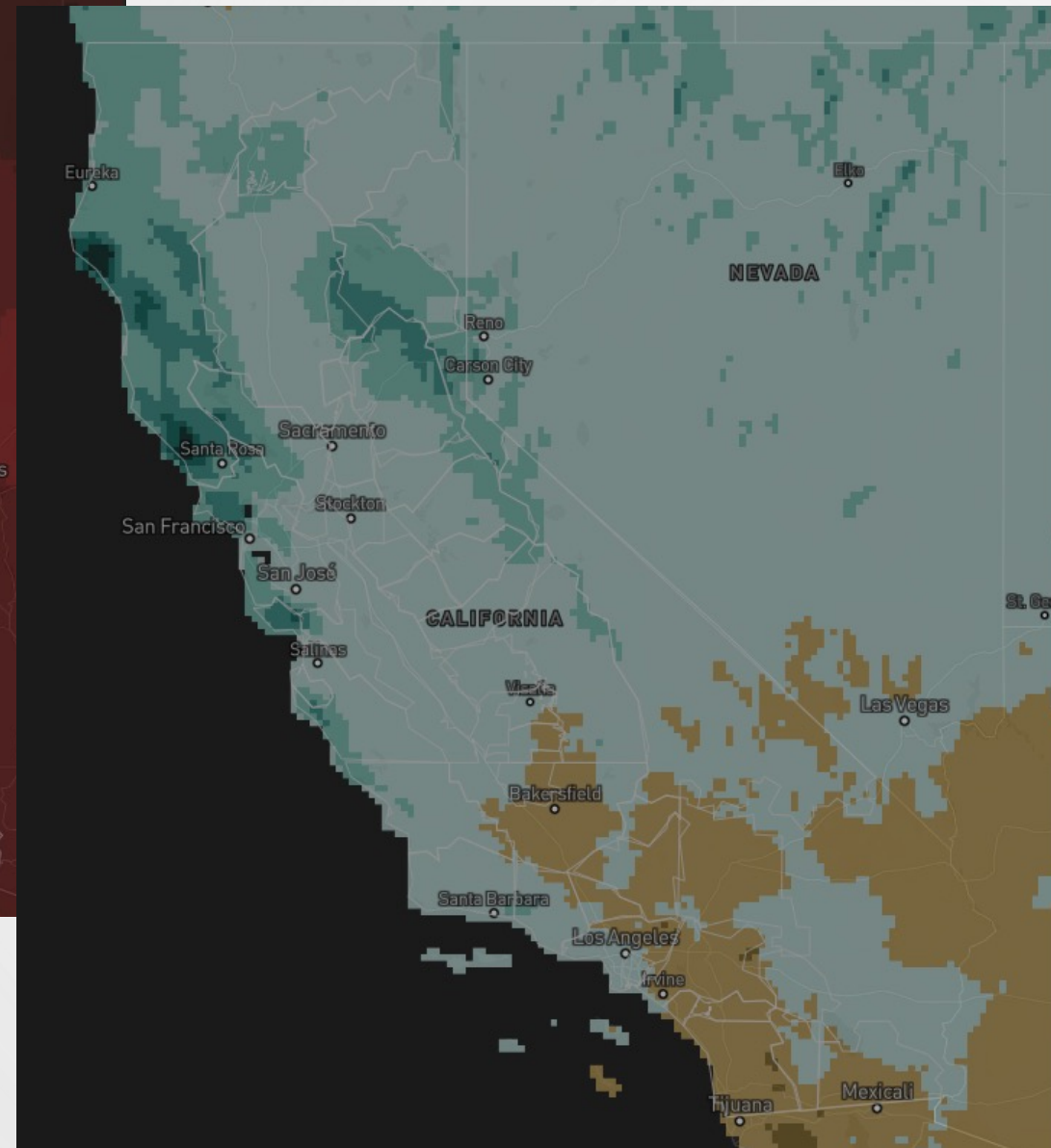


# Improving Understanding of Climate Vulnerabilities

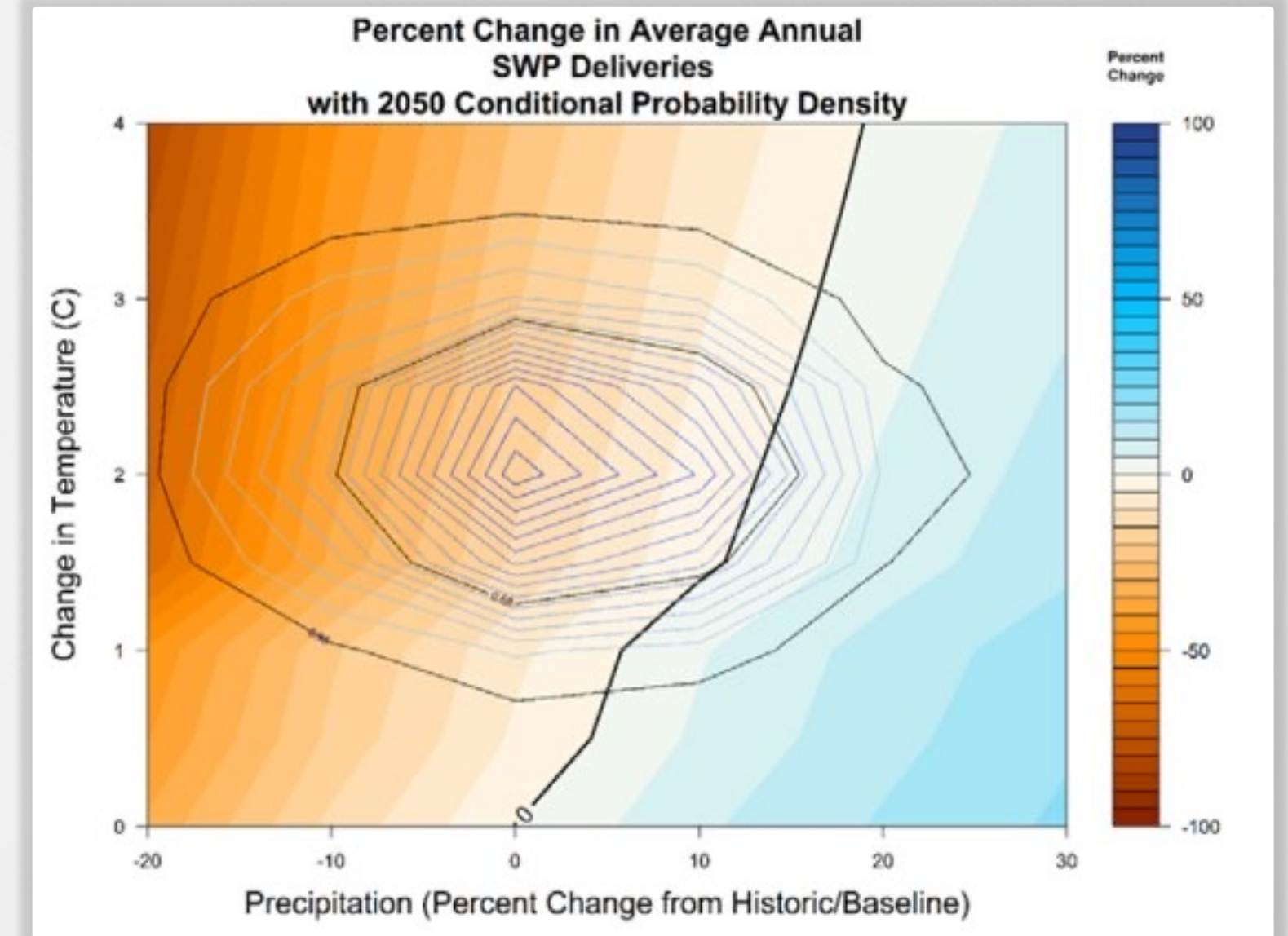
## Warming is Accelerating



## Projections of Precipitation Changes are Varied

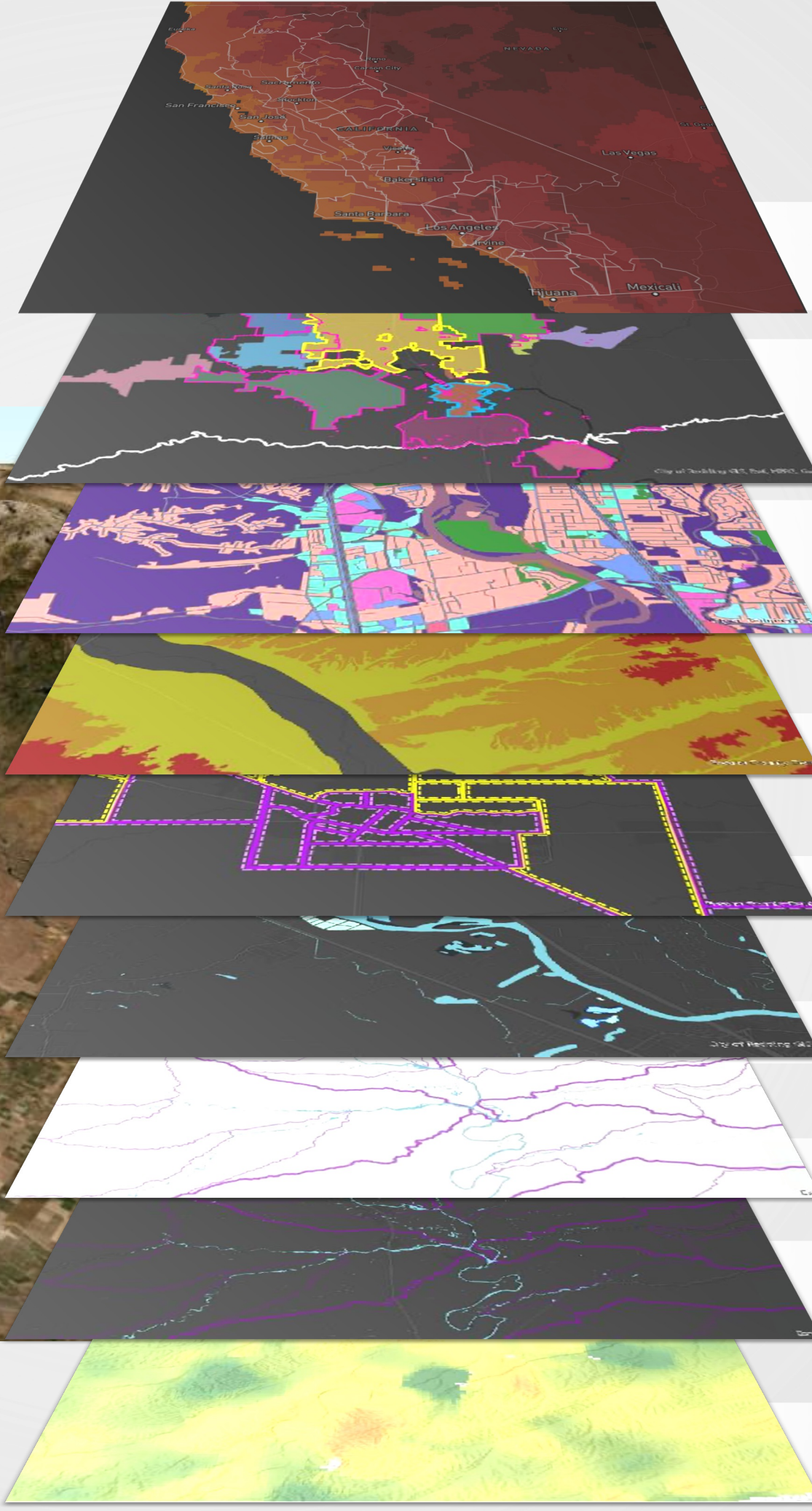
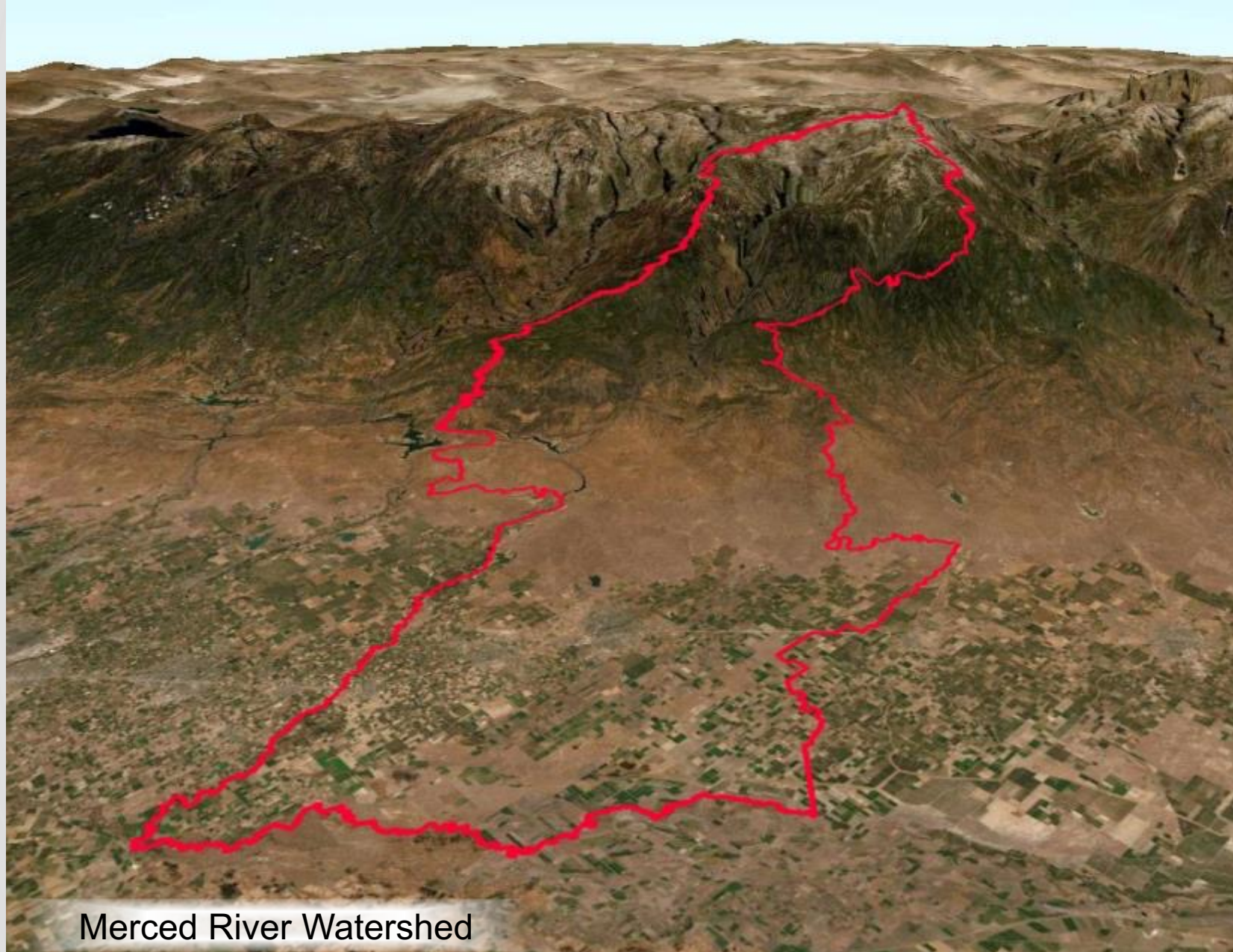


## Robust Analytical Approaches and Tools to Understand Vulnerabilities





# Watershed Resilience Planning through Networks



Climate Change Data

Local, State, Federal Governance and Jurisdictions

Demographics / Vulnerable communities

Fire Risk

Land Use

Surface Water

Water Quality

Groundwater recharge zones

Ecosystem opportunities



**Networks**





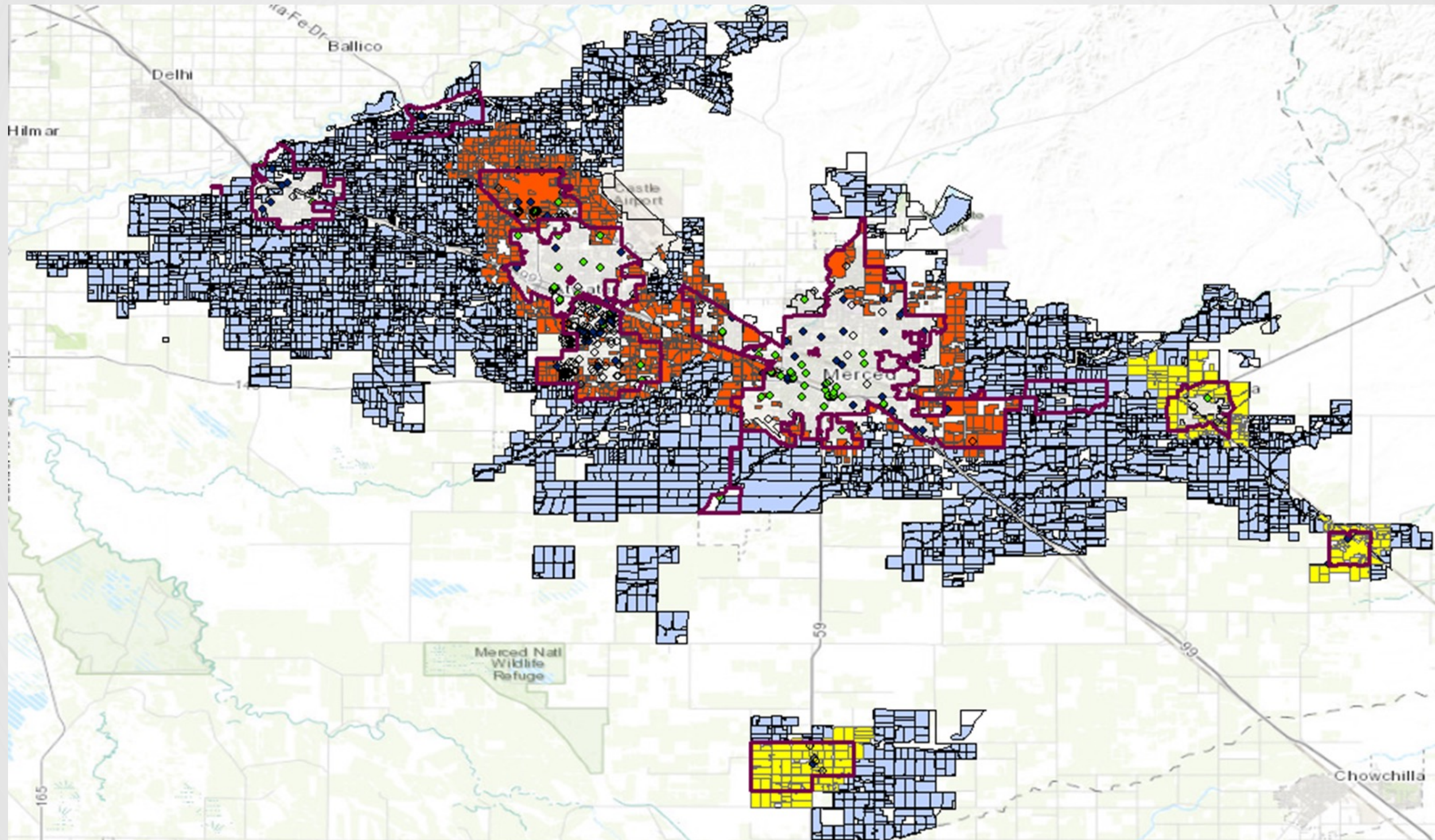
# Improving Equity in Water Management is a major theme for Water Plan Update 2023





# Connecting the Themes

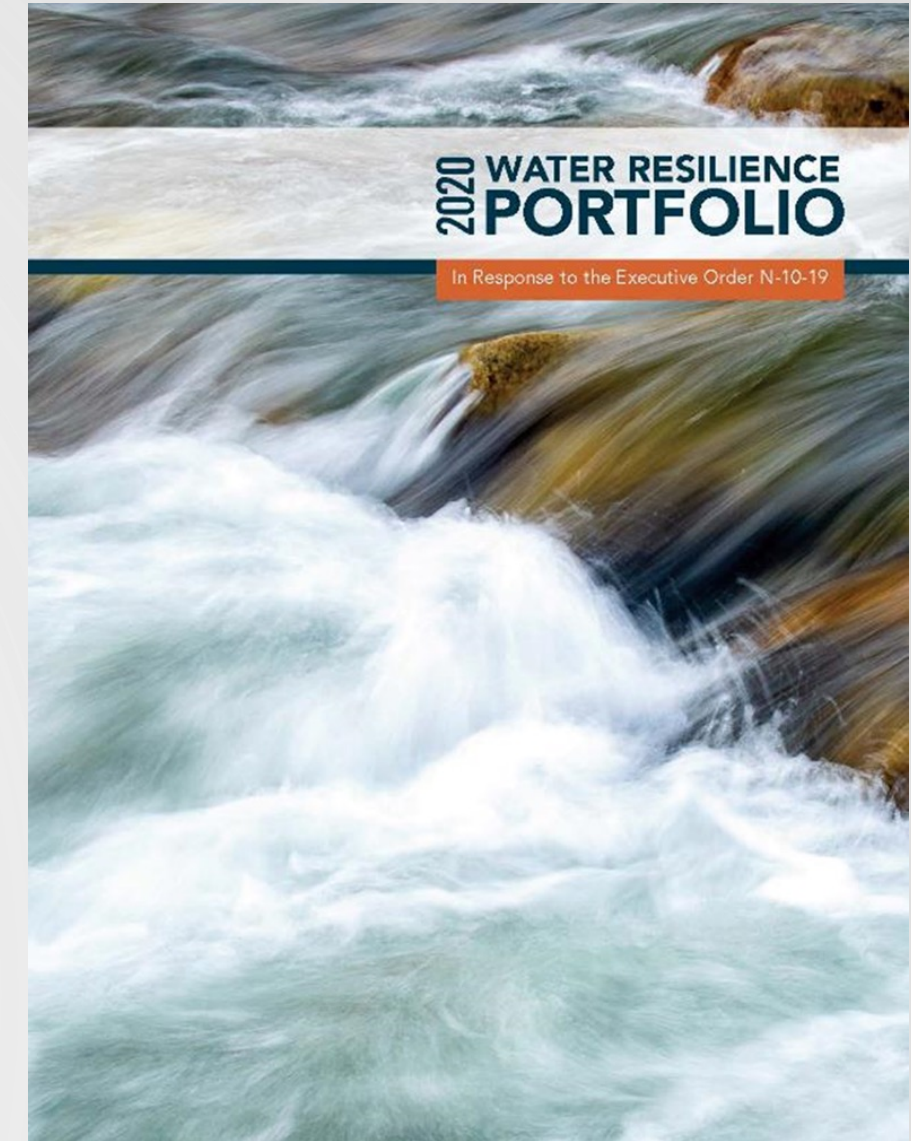
*Climate-Focused Watershed Management can Support California's Most Vulnerable Communities*





# Communication & Engagement Plan to Align & Build Support for Update 2023

- Water Resilience Portfolio Principals
- Core State Agency Team
- Tribal Advisory Committee
- Policy Advisory Committee
- State/Federal Agency Networks
- Topic & place-based workshops





# California Water Plan 2023 – Update Schedule





# Access California Water Plan Information

❖ [Visit the Web Portal](#)

❖ [Subscribe to Water Plan eNews](#)

The screenshot shows the California Department of Water Resources website. The header includes the department logo and navigation links: Water Basics, What We Do, Programs, Work with Us, News, Library, and Search. The main content area is titled 'Update 2023' and features a large image of a river landscape. Below the image is a text block describing the update process and its goals. To the right, there is a 'Contact Us' section with an email address and a 'Subscribe to Water Plan eNews' link. Below that is a 'Tags' section with buttons for various topics like 'California Water Pla...', 'Groundwater Managcmc...', 'Integrated Regional...', 'Climate Change', 'Tribal', and 'Sustainability'. At the bottom, there is a section titled 'Intended Outcomes of Update 2023' with a list of bullet points and a diagram showing the flow from 'State Water Code' to 'Actionable CWP 2023 Update'.

<https://water.ca.gov/programs/california-water-plan/update-2023>

The screenshot shows the 'California Water Plan eNews' newsletter. The header features a circular diagram with categories: Ecosystem, Flood, Groundwater, Sustainability, Water Quality, Water Supply Reliability, and People and Water. The main title is 'CALIFORNIA WATER PLAN eNEWS' with a sub-header 'Wednesday Update' and the date 'Jan. 5, 2022'. The newsletter content includes several articles: 'Update 2023 brochure gives first look at plan's outcomes and outreach', 'Update 2023 on agenda of next California Water Commission meeting', 'UPWARD California provides new resource for State water rights data', 'Groundwater recharge laws to be discussed during noontime lecture next week', 'Webinar series on water loss for small systems to begin this month', and 'Water Use Efficiency Program to hold meeting on CII performance recommendations'. The EFCN logo is visible at the bottom right.

[https://listserv.ce.cnr.ca.gov/scripts/wa.exe?SUBED1=DWR\\_CWP\\_ENEWS&A=1](https://listserv.ce.cnr.ca.gov/scripts/wa.exe?SUBED1=DWR_CWP_ENEWS&A=1)



CALIFORNIA WATER PLAN UPDATE 2023



**Thank You!**  
**Questions?**

