



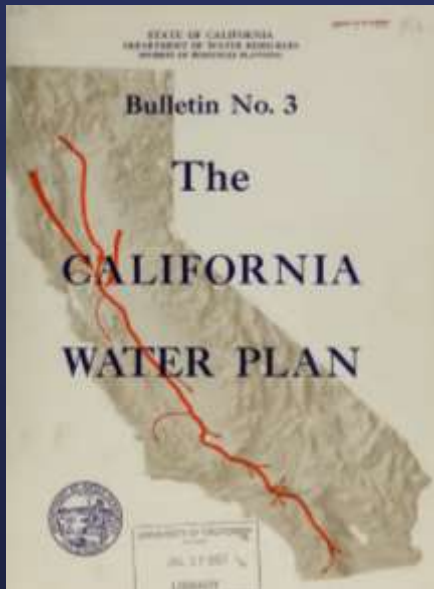
One Water and Stewardship Committee

# Water Resource Manager Update

Item 8c

May 8, 2023

# California Water Plan



## Guides long-term strategies for managing and developing water resources

- Required by California Water Code
- Updated every 5 years
- Focus of 2023 Update
  - Promote climate change adaptation
  - Support watershed resilience
  - Strengthen water equity
- Metropolitan participating on Policy Advisory Committee

# Annual Water Supply & Demand Assessment



Assessments provide DWR proactive look into possible shortages & response actions

- Authorized by Conservation as a California Way of Life legislation (2018)
- Annual estimate of possible shortages and response actions during a “Next Dry Year”
  - Staff coordinates with Member Agencies
  - No Metropolitan restrictions to Member Agencies
- Report findings to Board in July

# Future Supply Actions

Future Supply Action program promotes technical advances to adapt to future water supply uncertainties

- Las Virgenes artificial intelligence study
  - Used historical wastewater data to reduce energy consumption while meeting effluent ammonia standards
  - Used demonstration plant data to project membrane fouling and chemical cost
- 350 participants



