

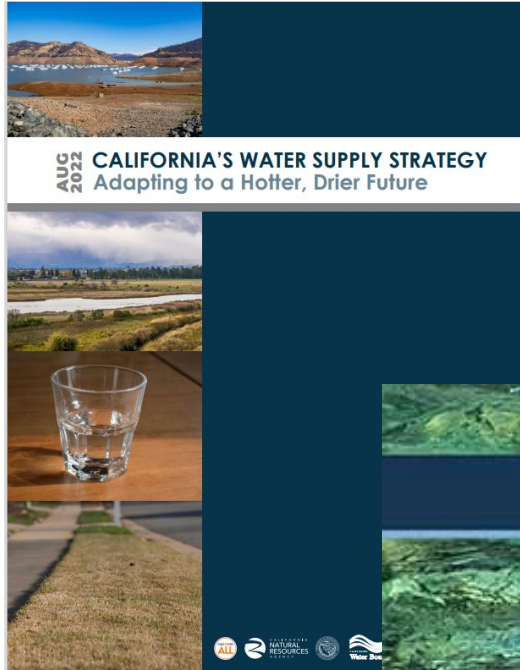
# Climate Resiliency in Region 3

Prioritization, Coordination and  
Facilitation



Central Coast Regional Water Quality Control Board

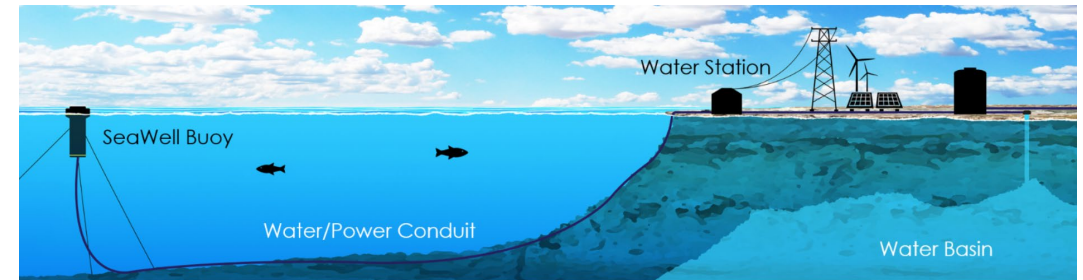
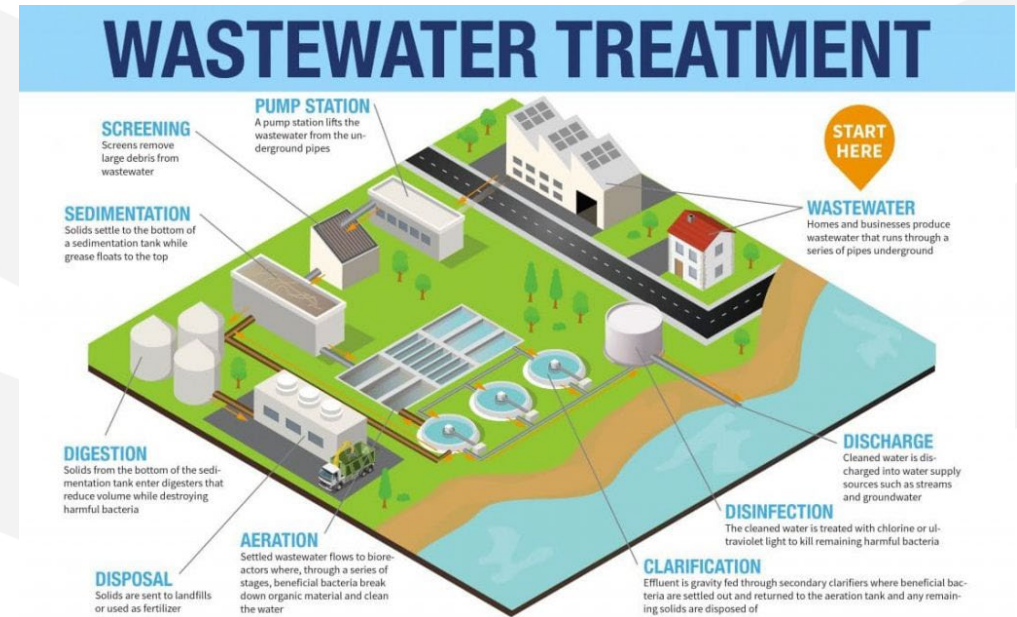
# Current Framework



## Assumptions and Estimates for California Water Plan Update 2023

DRAFT

October 2022



# Supporting Existing Projects

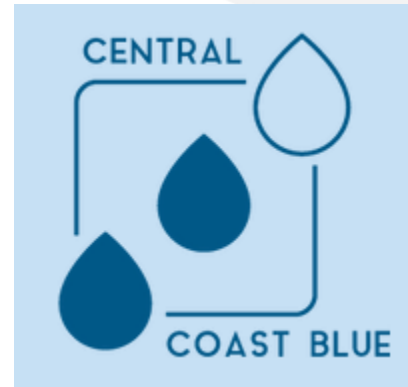
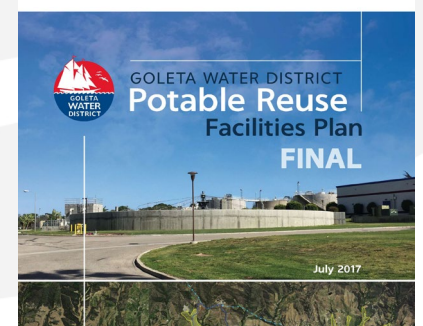
## Creating & Cultivating Dialogue

## Prioritizing Water Supply Resiliency Permitting





MORRO BAY  
**OUR WATER**  
RELIABLE. CLEAN. FOR LIFE.

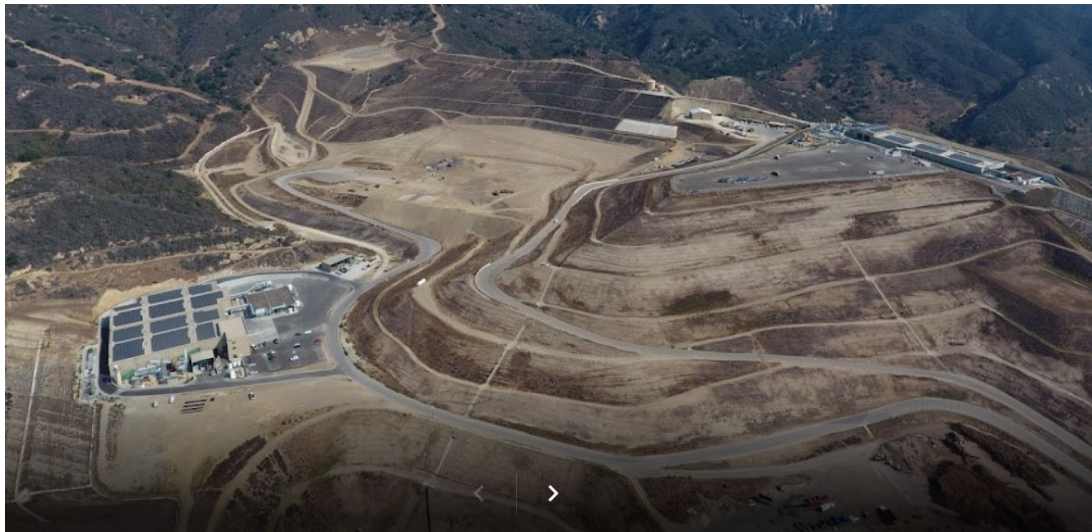


**C A P P**

**Carpinteria Advanced Purification Project**  
Replenishing Our Groundwater for the Future

# Facilitating Creative Approaches – Opportunities

- Water quality/resiliency balancing test
- Public-private partnerships



# Climate Resilience - Proactive Special Provisions for Coastal WWTPs

- Coastal hazard identification and monitoring plan
- Facility life expectancy analysis
- Coastal hazards response plan





# California's Healthy Soils Initiative

## Ag order cover crop incentives and tools

- Nitrogen sequestration
- Carbon sequestration
- Infiltration and moisture retention
- Decreased runoff and erosion
- Soil microbiome

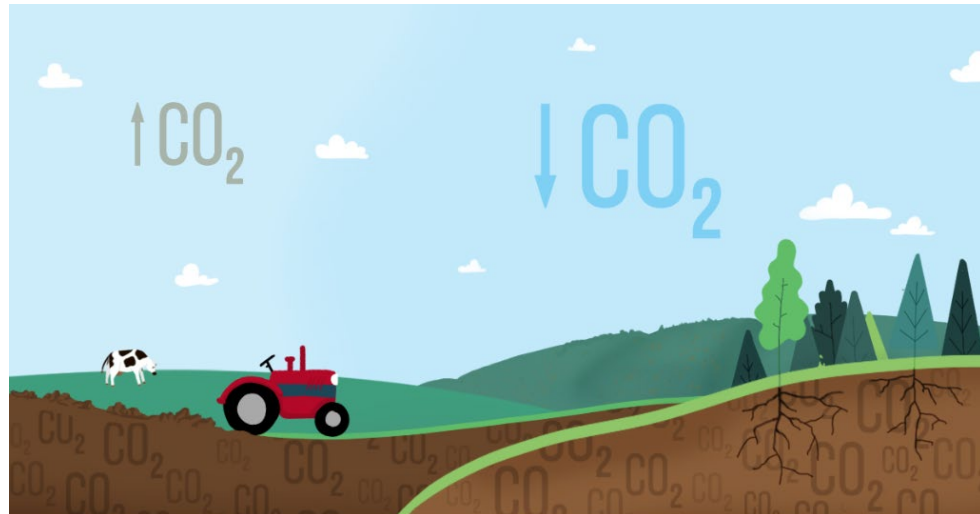
Brennan E.B. 2022. Cover crop nitrogen credits for farms in California's central coast, Ag Order 4.0.

<https://youtu.be/BTRKk7Zd1so>



# Carbon Sequestration and Agriculture

- [AB1279](#) by Assembly Member Al Muratsuchi, D-Torrance (Los Angeles County), would create a legally binding goal that the state achieve carbon neutrality — meaning the state either eliminates or captures all of its greenhouse gas emissions — by no later than 2045. It would also require the state to reduce greenhouse gas emissions by at least 85% below 1990 levels in that timeframe.
- [SB1020](#) by Laird would create interim targets to ensure the state hits its goal of generating 100% clean electricity by 2045, with targets of 90% by 2035 and 95% by 2040.







**CivicSpark**

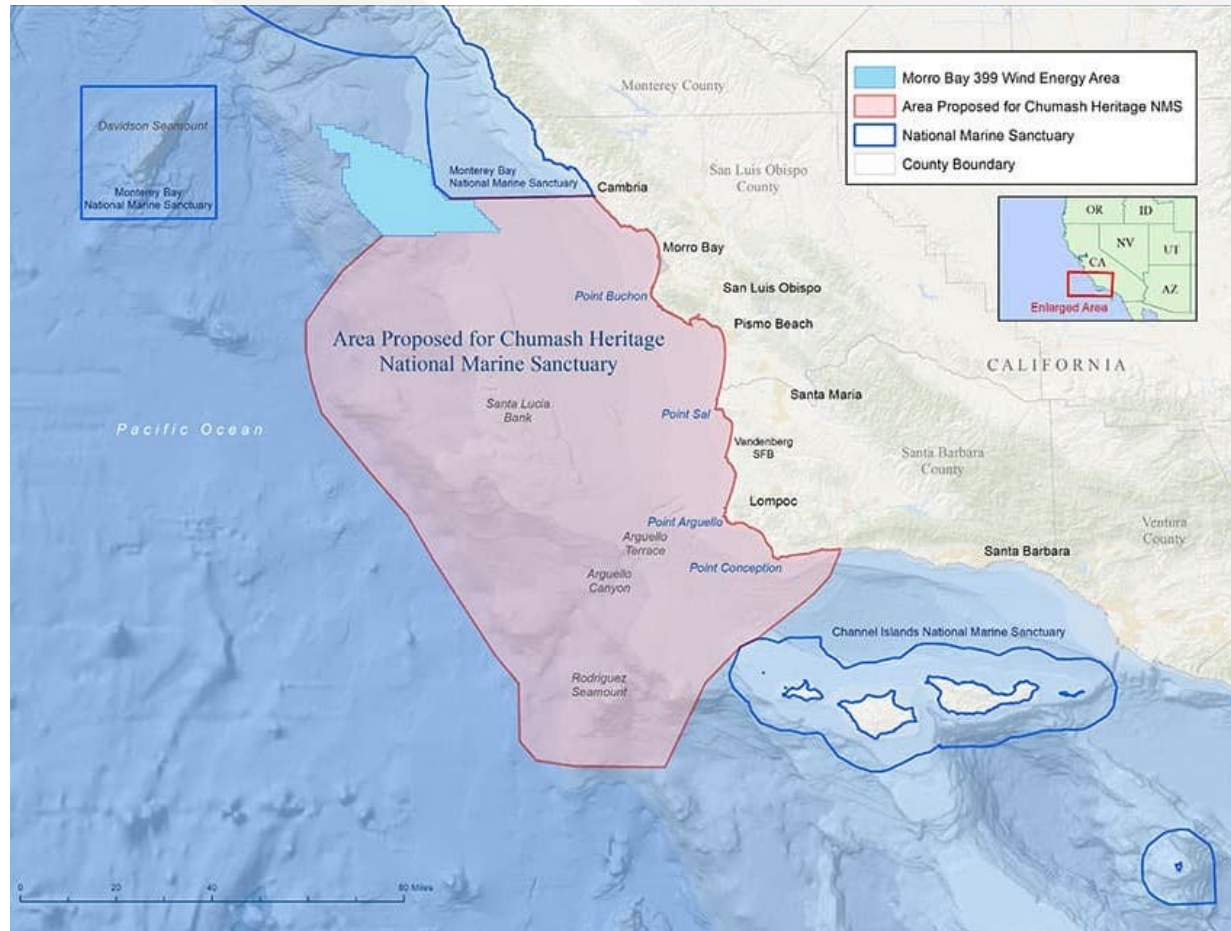
# Climate Change Fellow

- New generation of leadership
- Sustainability and resiliency project – building local agency capacity
- Climate Adaptation Plan Implementation Assistance for Central Coast Region Wastewater Treatment Facilities



**Amanda  
Christophe**

# Potential Opportunities for Expanded Indigenous Tribal Knowledge



We are committed to facilitating innovation and change.

