

Santa Ana River Watershed Climate Adaptation and Resilience Plan



Climate Resilience

In the coming decades, climate change has the potential to impact communities within the Santa Ana River Watershed. Potential challenges that our region must plan for include:



Drought



Wildfire



Extreme Heat



Sea Level Rise



Flooding

Our region is working to address these climate risks through planning and collaboration.

Climate risks and impacts vary across the state and are different from watershed to watershed. For the Santa Ana River Watershed, collaboration from the headwaters to groundwater to the ocean offers opportunities to advance multisector and multi-benefit solutions to enhance climate resiliency.

What is a CARP?

To support a regional collaboration on climate resilience, the Santa Ana Watershed Project Authority (SAWPA) is working with our Member Agencies and stakeholders to develop a Climate Adaptation and Resilience Plan (CARP) for the Santa Ana River Watershed. The CARP will be community-informed, stakeholder-driven, and implementation-focused.

The goal of the Plan is to identify climate risks and create a roadmap to reduce vulnerabilities. The Plan will include strategies to avoid negative impacts of climate hazards, such as:

- Documenting actions and measures to enhance the climate resilience of a watershed.
- Addressing the impacts of climate risks and vulnerabilities on several sectors, including water resources, ecosystems, and communities.
- Integrating local and regional adaptive management practices.
- Creating metrics to measure the success of strategies to address climate resilience.

As part of the CARP program, community-based organizations and Tribal representatives will be involved to gather perspectives from communities across the watershed.

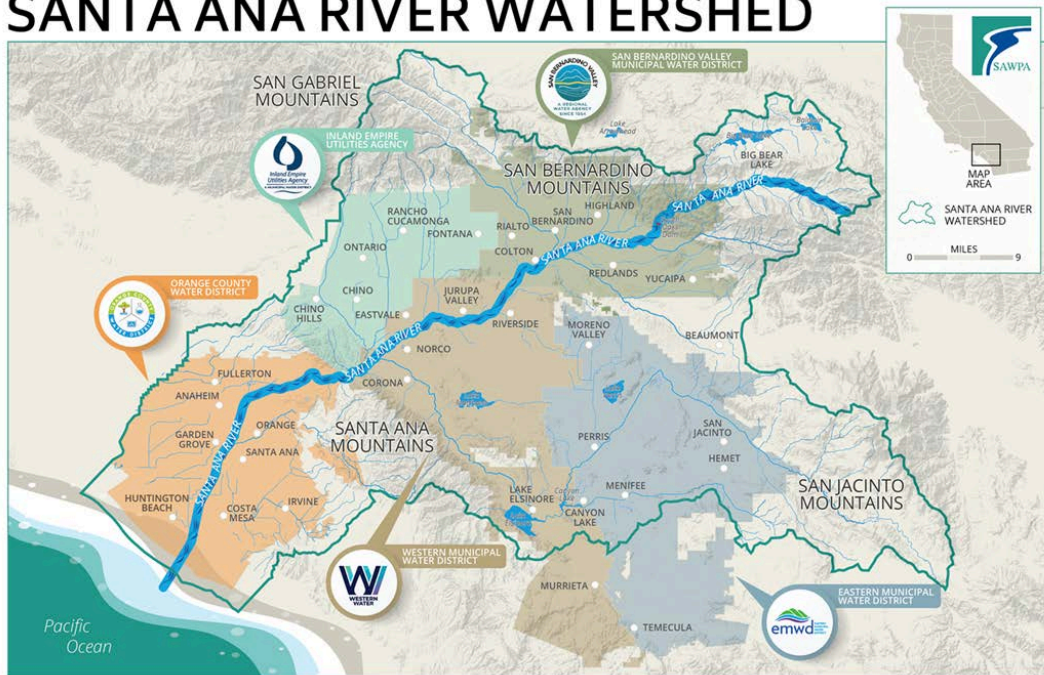
Learn more about CARP at
sawpa.gov/CARP



CARP Partners

The CARP is a partnership of SAWPA, the Soboba Band of Luiseño Indians, and the University of California, Riverside. The CARP program will include involvement of a range of other stakeholders including: public water agencies, transportation agencies, power providers, as well as community-based organizations, and Tribal communities.

SANTA ANA RIVER WATERSHED



CARP Outcomes

Through engagement with public agencies and communities, the CARP effort will accomplish the following:

- An assessment of climate risks and vulnerabilities for the watershed.
- Promising local and regional adaptation strategies.
- Resilience portfolios addressing a range of climate vulnerabilities.
- A roadmap and implementation plan for future collaboration across water, flood, groundwater, quality, forest, ecosystem, and land use sectors.
- Online platform of all the CARP materials.

To learn more about CARP visit sawpa.gov/CARP.

Funding & Support

The Santa Ana River Watershed CARP is supported by the Regional Resilience Grant Program at the Governor's Office of Land Use and Climate Innovation (LCI). The Regional Resilience Grant Program is an initiative of LCI's Integrated Climate Adaptation and Resiliency Program (ICARP). ICARP advances climate adaptation and resilience in California by coordinating investments, partnerships and climate science to ensure people, natural systems, and the built environment are protected, prepared, and thrive in the face of climate change.



About SAWPA

The Santa Ana Watershed Project Authority (SAWPA), is comprised of five member agencies: Eastern Municipal Water District, Inland Empire Utilities Agency, Orange County Water District, San Bernardino Valley, and Western Water.

SAWPA (sawpa.gov) focuses on water resource issues including water supply reliability, water quality improvement, recycled water, wastewater treatment, groundwater management, brine disposal, and integrated regional planning.