

Restoring Watershed Function

Working with Private Landowners to
Achieve More Natural Resilient Conditions





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Where does California's water come from?



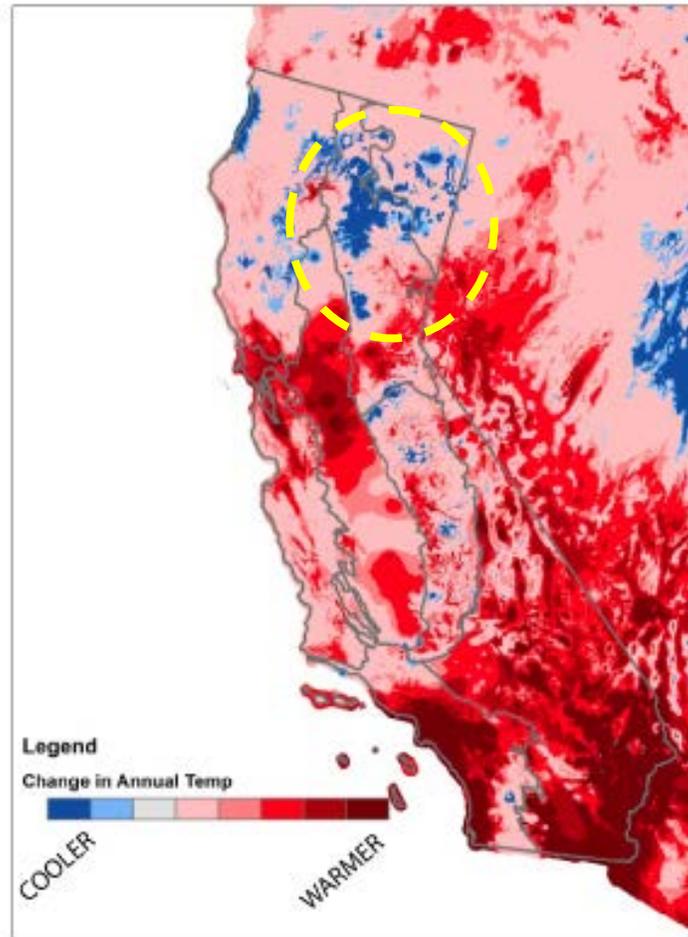
The Klamath-Cascade region provides:

- 60% of irrigated agriculture water
- 80% of freshwater into SF Bay
- 45% of LA and 20% San Diego's drinking water
- Drinking water for 28 million people

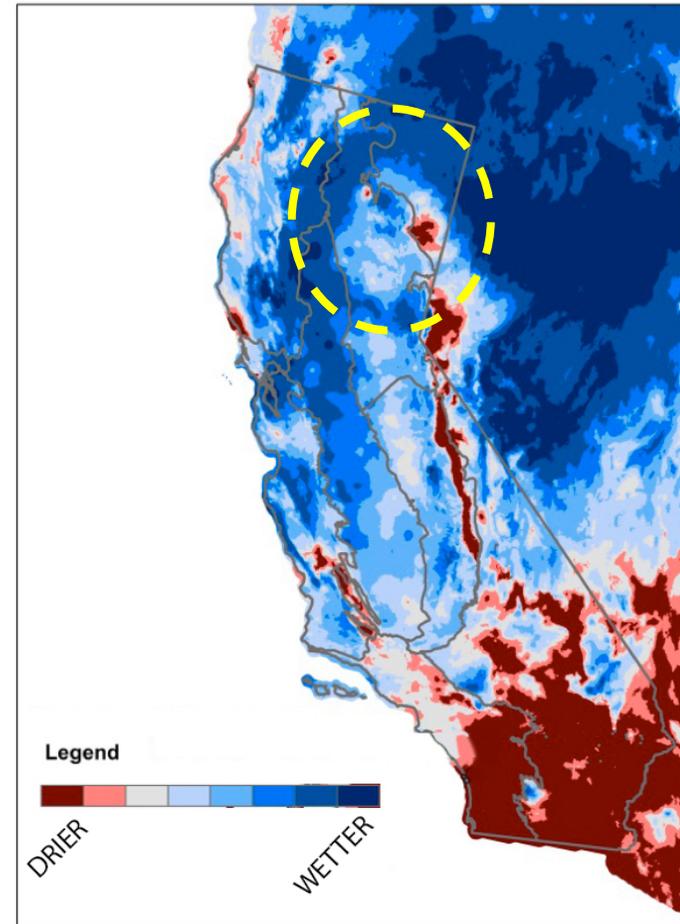


20th Century Climate Change in CA

Temperature Change:



Precipitation Change:



KC is projected to remain cooler & wetter than rest of California

California's Natural Water Infrastructure

Problem:

- Sub-optimal watershed health threatens water supply
- Water policy and financing focuses on built infrastructure
- Funding for watershed conservation and restoration is insufficient and inconsistent

Solution:

- New, innovative, and cost effective financing model for comprehensive watershed restoration and conservation

Result:

- *Enhanced water security and quantity for California in an era of drought and climate change*





Solution: Restore more water- and carbon-rich forests



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Private Forests. Public Treasures.

Solution: Restore degraded streams



Solution: Restore Wet Meadows



Solution: Reduce Sediment Delivery





A RISK ASSESSMENT OF

California's Key Source Watershed Infrastructure

REPAIR AND MAINTENANCE NEEDS FOR THE FEATHER, PIT, MCCLLOUD,
UPPER SACRAMENTO, AND UPPER TRINITY RIVER WATERSHEDS

pacificforest.org/risk



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**Restoring Natural Forest Structure
(it's going to take a while)**



WORKING FOREST CONSERVATION EASEMENTS

Thank You!



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