

2023 Local Hazard Mitigation Plan



“Every dollar invested on disaster prevention saves six dollars in costs related to response and recovery.”

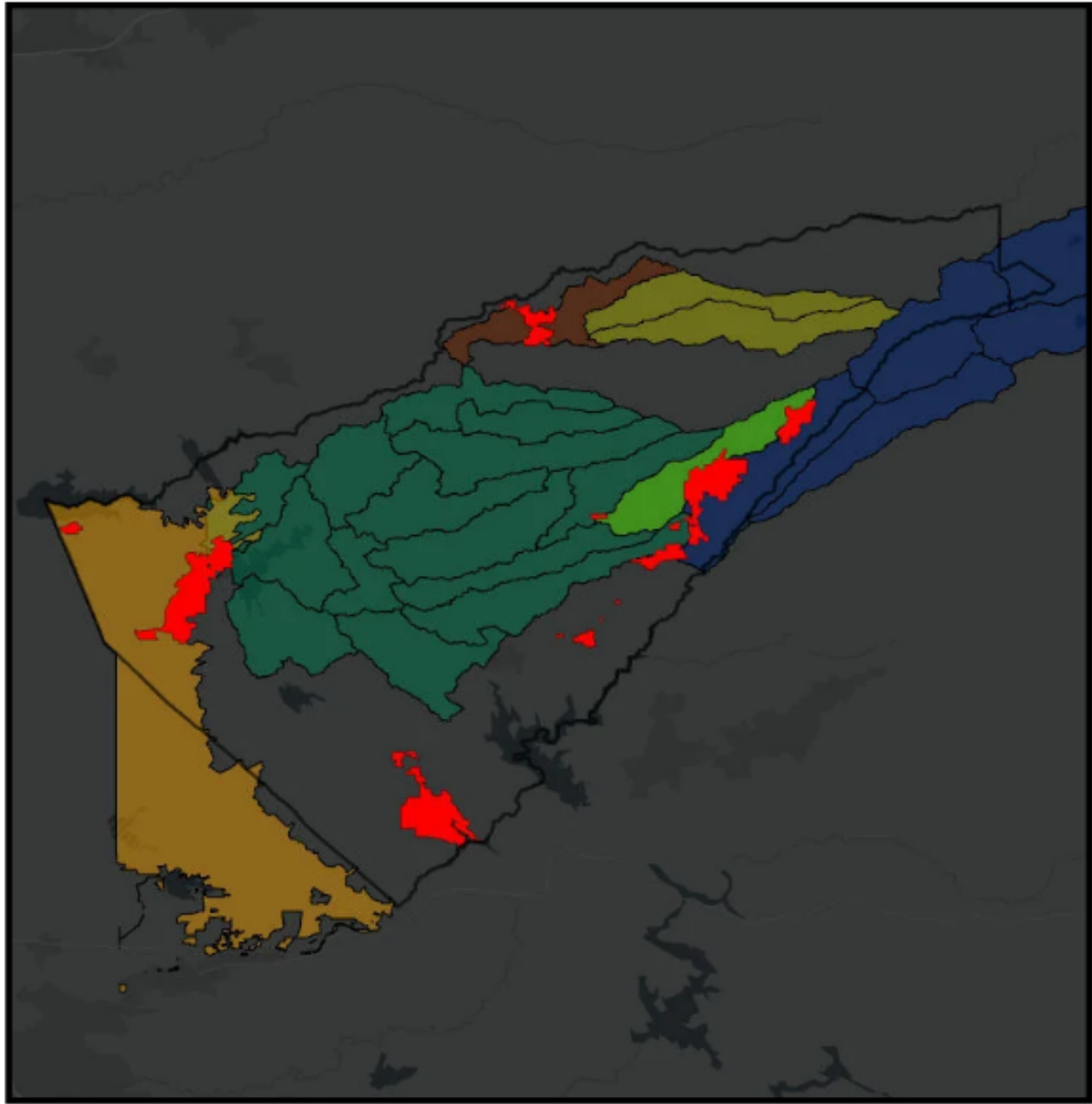
-National Institute of Building Science



Prepared for:
Calaveras County Water District
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Prepared by:
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The CCWD LHMP is a customized single-jurisdictional plan tailored to geographically cover people, property, and critical water & wastewater assets within CCWD's service area that is within the Calaveras County jurisdictional boundary.





During the 2023 LHMP update, CCWD and WSP staff updated each of the sections of the previously approved plan to include new information.





Local Mitigation Planning Handbook

May 2023



FEMA

This included analyzing each section using FEMA's 2023 Local Mitigation Planning Handbook and the 2022 Local Mitigation Planning Policy Guide (Effective April 19, 2023) to ensure that the plan met the latest requirements.



CLIMATE CHANGE CONSIDERATIONS was required for each hazard profile.

The potential for climate change to affect the frequency and intensity of the hazards was summarized based on the latest available science, where applicable.





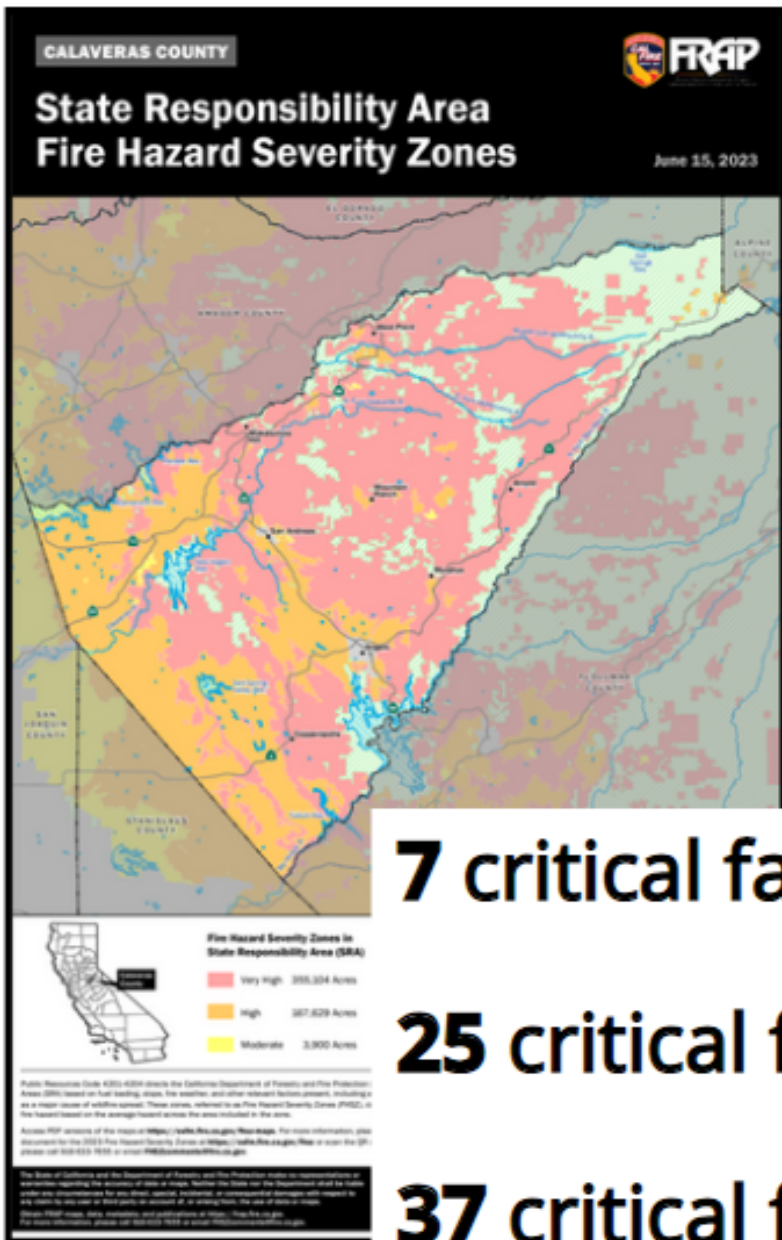
Hazard Mitigation Goals



- 1** Protect water supply, transmission, and storage facilities and reduce exposure to hazard-related property and water assets losses from wildfire, extreme heat, flooding, and the effects of climate change.
- 2** Increase resiliency of water supply to drought and climate change effects.
- 3** Focus on watershed health improvements to reduce vulnerability and risk to critical infrastructure from natural hazards.
- 4** Improve collaboration between partner water agencies, first responders, emergency management planners, and the public to maintain water system reliability.
- 5** Increase water system redundancy and improve service levels.



To meet identified goals and objectives, the plan recommends **38 mitigation actions.** Which includes **19** mitigation actions that were carried over from the 2018 LHMP and **18** new mitigation actions.



Wildfire Risk

Wildfire risk is highest across a broad section of the central and eastern sections of the CCWD's Planning Area. Calaveras County has a higher risk of wildfire than **98%** of counties in the US and **76%** of counties in California. Cal FIRE designated 35 communities in the County as "Communities at Risk" within the National Fire Plan.

7 critical facilities in **"Moderate"** Wildfire Threat Zone

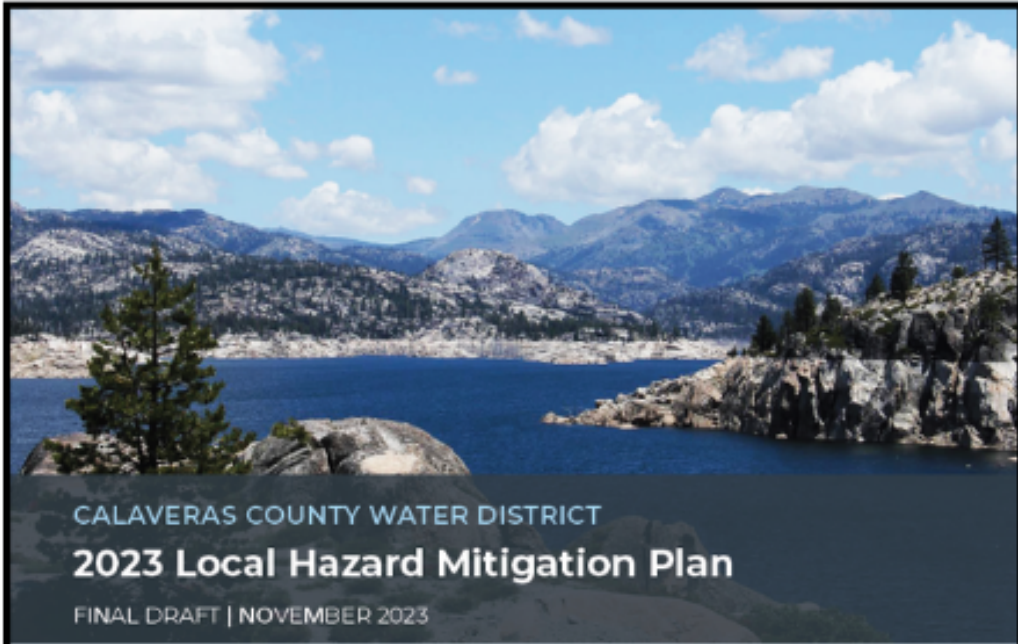
25 critical facilities in **"High"** Wildfire Threat Zone

37 critical facilities in **"Very High"** Wildfire Threat Zone

Redwood Tank Replacement Project

FEMA Hazard Mitigation





The final plan is not approved until CCWD adopts the plan and FEMA receives documentation of formal adoption.



Once CCWD records and submits the adoption documentation to Cal OES and FEMA, FEMA will issue an official approval letter stating CCWD has adopted and is approved and eligible for FEMA HMA program funding.



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