



Item 8: California's Fifth Climate Change Assessment Tribal Research Grant Program GFO-23-701r2

February 12, 2025 Business Meeting

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Siting, Transmission, and Environmental Protection (STEP) Division
Safety and Reliability Branch/Cultural Resources Unit



Benefit to Californians

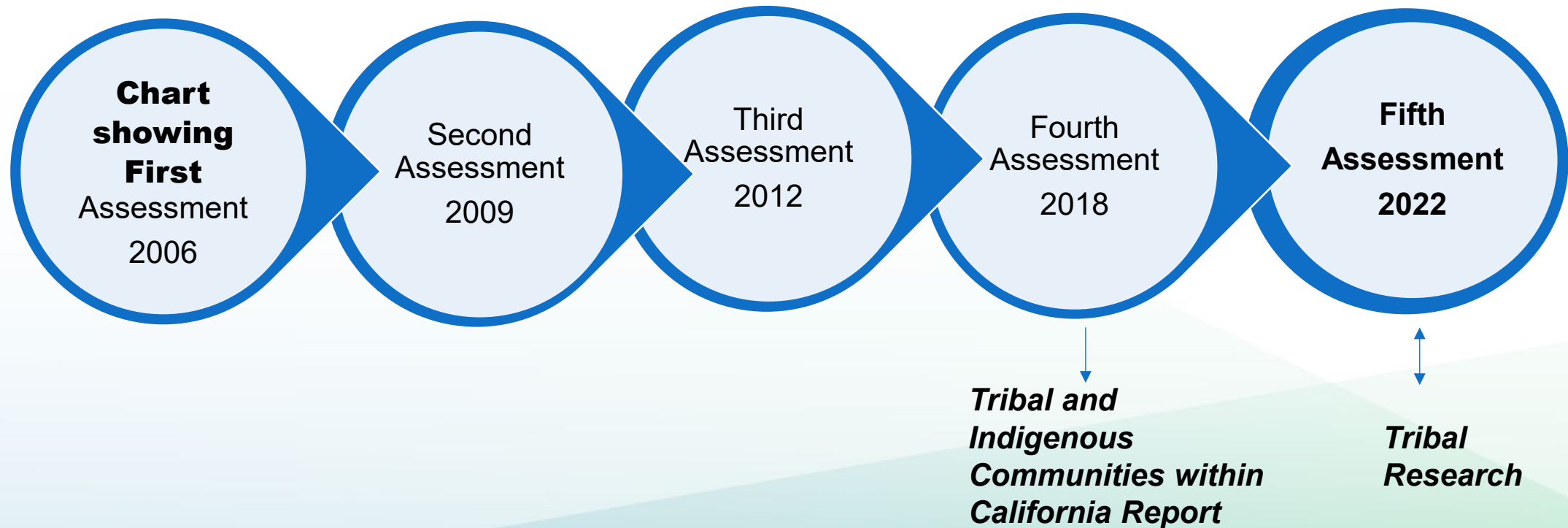
- Tribal capacity building
- Trust and relationship building with California Native American tribes
- Record and preserve natural and cultural heritages
- Train next generation of environmental leaders
- Study of indigenous land stewardship methods for potential wider adoption

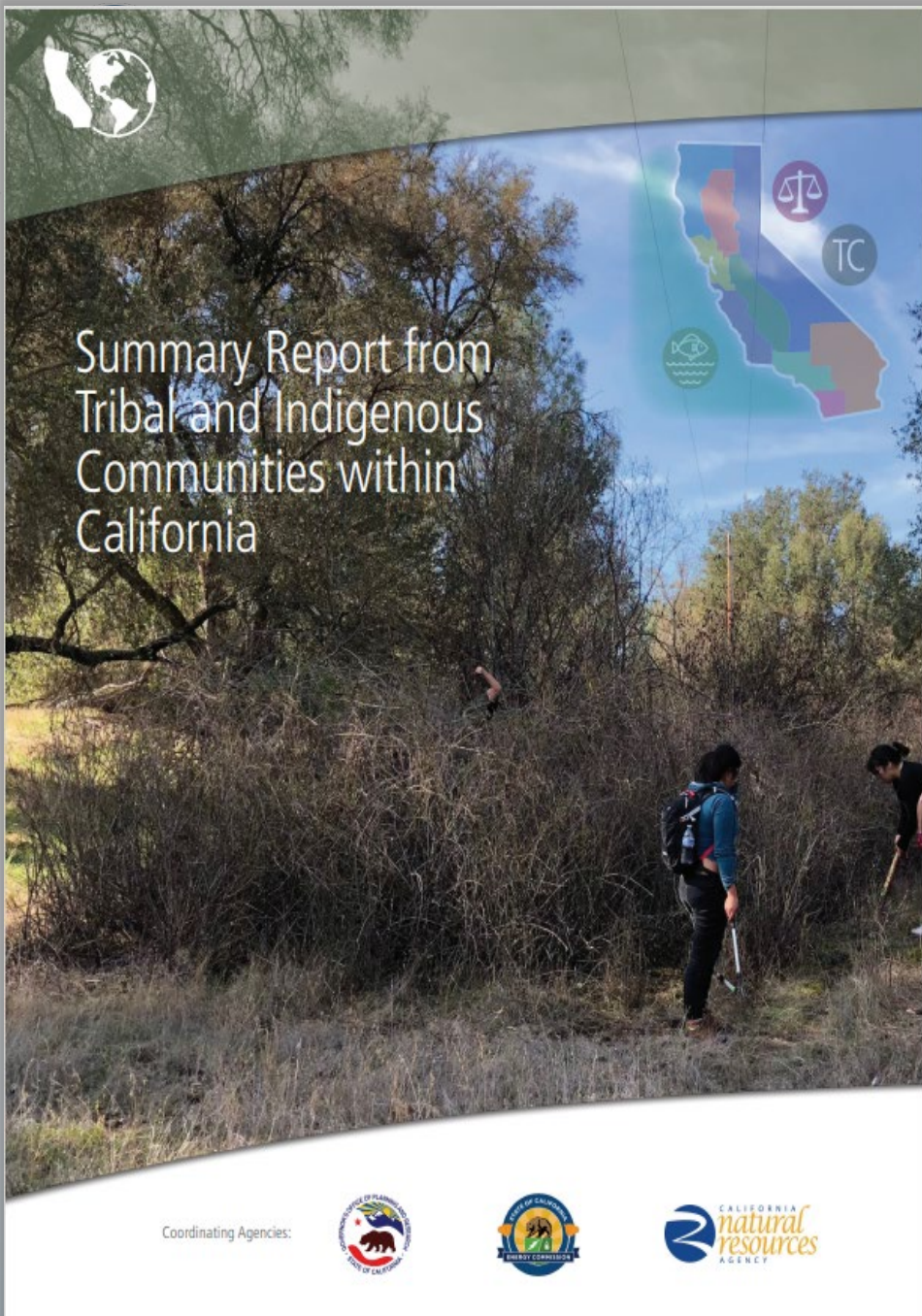


Background

California's Climate Change Assessments

Action Based on Cutting-Edge Climate Research





“...[c]limate change impacts on many of the [over 570]...tribes...in the U.S. are projected to be especially severe, since these impacts are compounded by a number of persistent social and economic problems.”

“... a mutual invitation between tribes and the state to share learning with an urgent focus on climate action, incorporating traditional knowledges and practices.”

*-- California Fourth Climate Assessment
Tribal and Indigenous Communities Report (2018), pages 8 & 10*



Tribal Research Grant Program

Senate Bill 170 (Skinner, 2021): \$3.625 million

- Tribes, tribal organizations, tribal-serving non-government organizations
- Tribal needs and priorities related to climate change
- Tribally led projects, Indigenous Knowledge, and Western science



Solicitation Overview

Tribal Research Grant Program GFO-23-701

Solicitation Round	Activity	Date	Funding	No. of Projects
1	Solicitation Release	September 2023	\$3,625,000	
	NOPA	January 2024	\$1,857,685	8
	Business Meeting	July & August 2024	\$1,857,685	8
2	Solicitation Release	May 2024	\$1,767,315	
	NOPA	October 2024	\$1,767,315	10
	Business Meeting	February 2025	\$1,767,315	10
Total			3,625,000	18

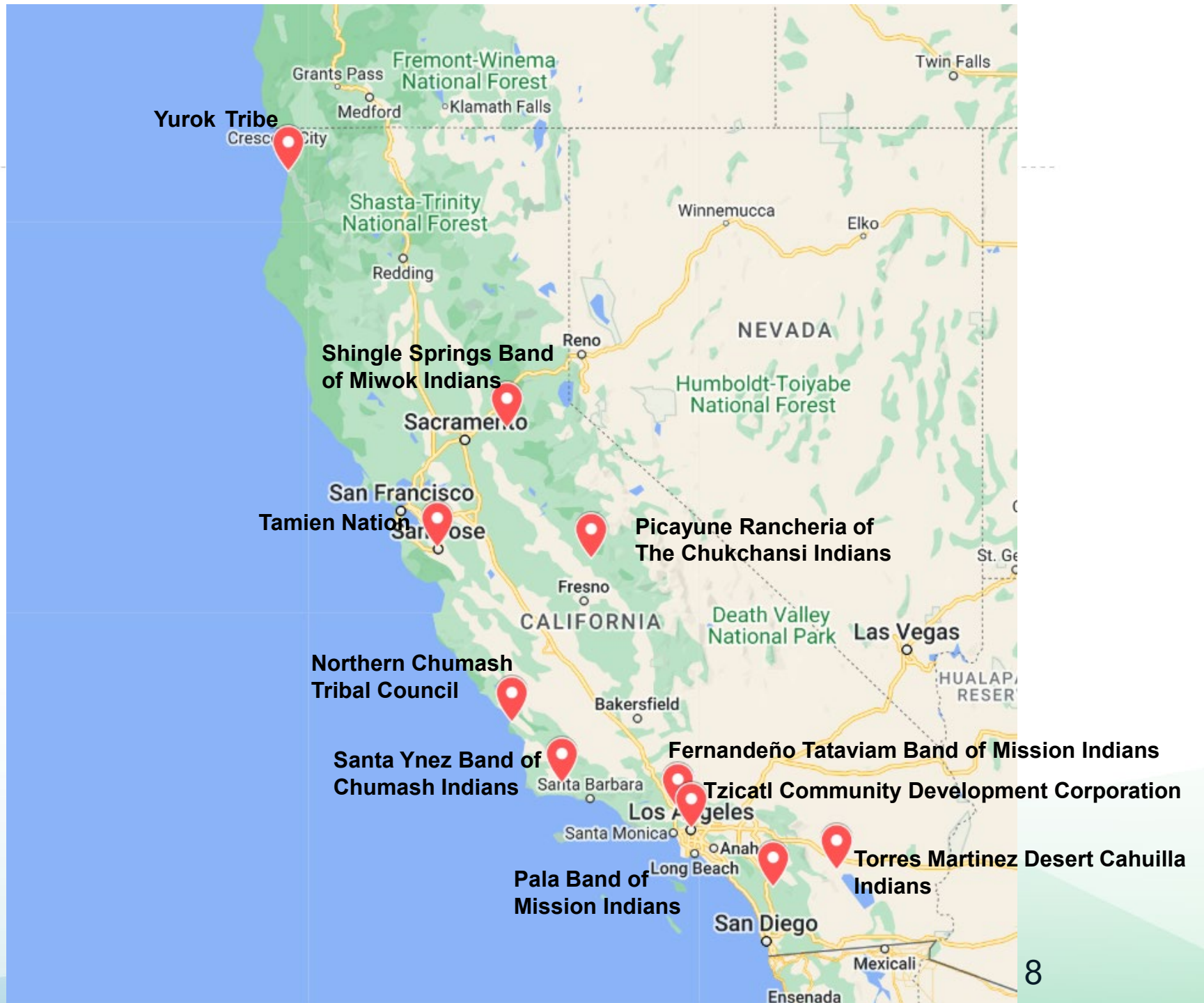


Proposed Tribal Research Grant Agreements





Proposed Projects Locations





Fernandeño Tataviam Band of Mission Indians

Tataviam Environmental & Cultural Data Mapping Portal

- \$199,948
- Cloud-based geospatial portal for climate/environmental hazards
- Culturally relevant environmental database



Source: **Fernandeño** Tataviam Band of Mission Indians



Northern Chumash Tribal Council

Northern Chumash Tribal Council TEK-MAR* Climate Change Curriculum

- \$200,000
- Climate change curriculum
- Combination of Traditional Ecological Knowledge with modern technologies
- TEK-MAR: Traditional Ecological Knowledge Mitigation and Remediation



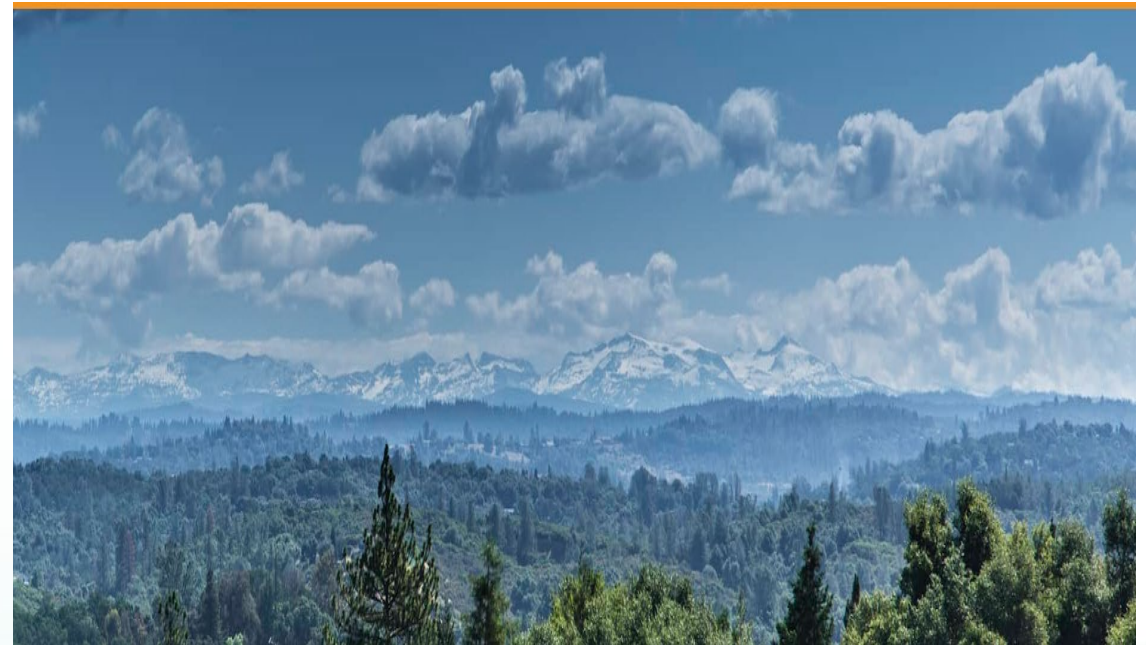
Source:: Northern Chumash Tribal Council



Shingle Springs Band of Miwok Indians

Building More Effective Government-to-Government Tribal Relationships with California State Agencies to Address the Challenges of Climate Change

- \$197,100
- Tribal-led workshops
- Inclusive and culturally aware guides for state government consultation with tribes



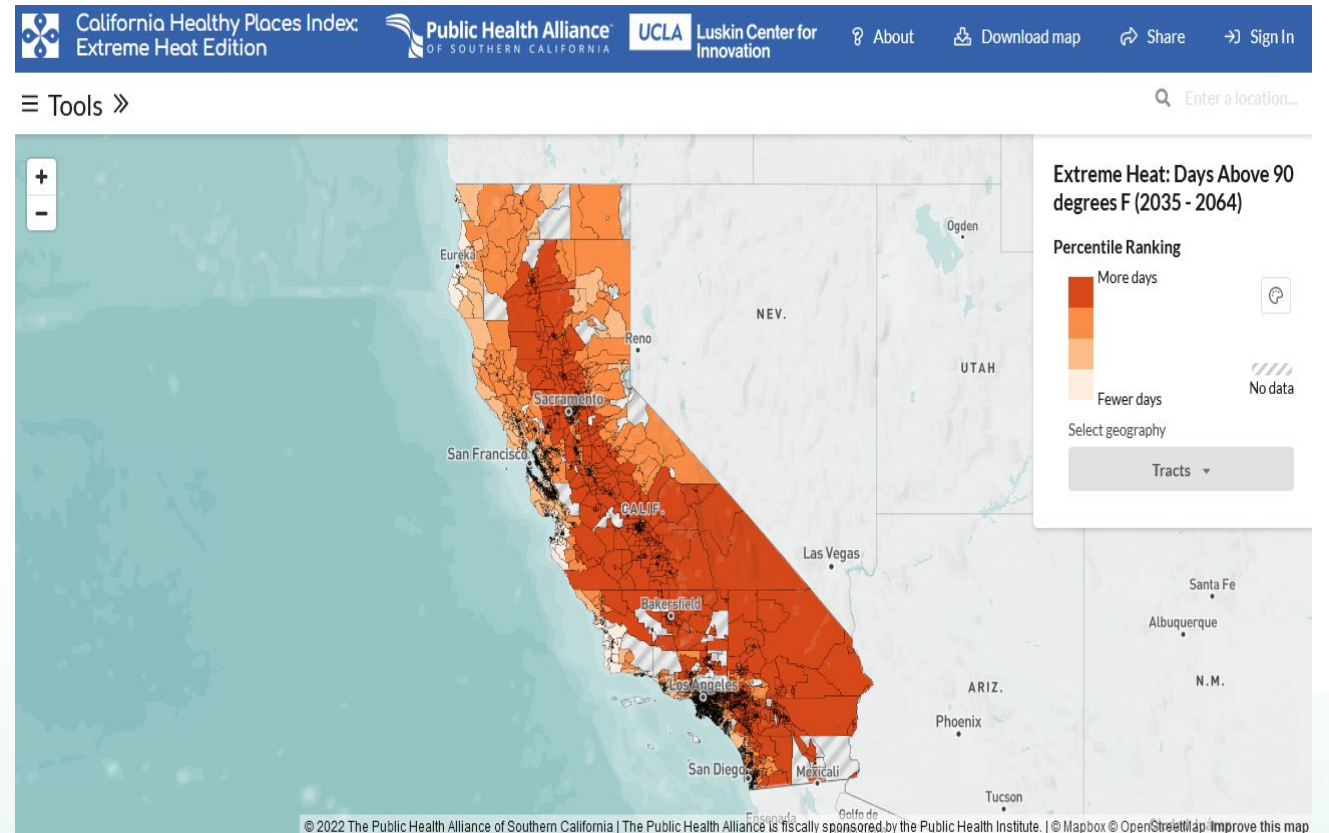
Source: Shingle Springs Band of Miwok Indians



Pala Band of Mission Indians

Report Feature Enhancement to the Exposures, Impacts and Strategies Inventory (EISI) Tool for Extreme Heat (EISI for Extreme Heat) Module

- \$182,882
- R1: Dynamically map critical heat impacts and sensitive populations.
- R2: Enhancement of EISI with reporting functions.



California Healthy Places Index: Extreme Heat Edition
Source: Healthy Places Index



Santa Ynez Band of Chumash Indians

Coastal Chumash Village Areas at Risk from Sea Level Rise and Coastal Hazards: A Preliminary Review of Adaptation Measures by Chumash Tribes

- \$200,000
- In-depth assessment of the severity
- Range of coastal hazard exposures in the South-Central Coast Chumash village areas and adaptive measures.



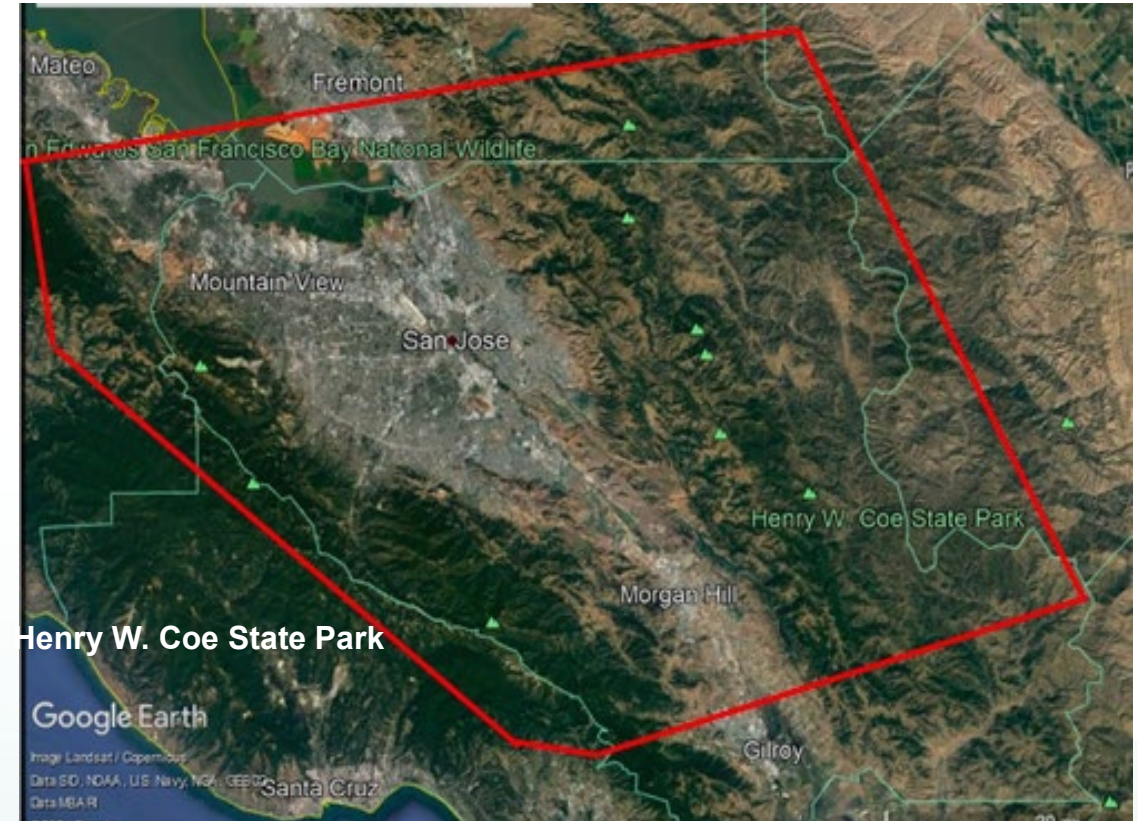
Image of a historic Chumash village site
Source: Wishtoyo Chumash Village



Tamien Nation

Tamien Nation's Continuing Climate Resilience Project

- \$128,662
- R1: Increase resilience against climate change and wildfires.
- R2: Revitalize indigenous cultural stewardship practices to strengthen climate and wildfire resilience on ancestral lands.



Tamien Nation Aboriginal Territory
Source: Tamien Nation



Torres Martinez Desert Cahuilla Indians

TMDCI Climate Change Adaptation & Mitigation: Invasive Species Management

- \$200,000
- Climate change impacts assessment via data collection, drone-aided GIS maps, invasive species removal, reintroduction of culturally important native plant species.



Tribal members planting the first mesquite tree at a conservation project site.

Source: Torres Martinez Desert Cahuilla Indians



Picayune Rancheria of The Chukchansi Indians

The Picayune Rancheria of Chukchansi Indians Climate Change Assessment Plan

- \$75,000
- Climate Change Assessment Plan
for natural resources



Elderberry: Food & ceremony

Source: Picayune Rancheria of The Chukchansi Indians



Tzicatl Community Development Corporation

The Masewaltlapixkayiotl Indigenous Youth Climate Resiliency Corps

- \$183,723
- Indigenous Youth Climate Resilience Corps
- Hands-on, experiential learning program teaching indigenous land stewardship practices.



Project Site: Chief Ya'anna Village in LA
Source: Anawakalmekek.org/programs



Yurok Tribe

Yurok Traditional Food Systems Climate Resiliency

- \$200,000
- Cultural burning as a nature-based solution
- Climate adaptation
- Culturally informed land treatment protocols
- Traditional foods
- Forest health



Tribal crew working on revegetation projects

Source: Yurok Tribe



Staff Recommendation

- Adopt staff's recommendation that this action is exempt from CEQA
- Approve request to fund 10 tribal research grants