



State-led Knowledge Exchange

“California Climate Assessment and Resilience Resources”

Office of Land Use and Climate Innovation (LCI) - Elea, Ben McMahan and Bryce
Strategic Growth Council (SGC) - Sarah Newsham and Jessica Cervantes

Description:

This session will provide an overview of the Integrated Climate Adaptation and Resiliency Program climate resilience research portfolio and tools, and funding programs including future opportunities through the 2024 Climate Bond. Presentations will include updates on California’s Fifth Climate Change Assessment research portfolio, featuring the Tribal Research Program and examples from the Inland Desert Regional Synthesis Report Author Team; an overview of climate services tools and data resources to support planning and decision-making; and a presentation on SGC’s Community Resilience Centers and Transformative Climate Communities Programs. The teams welcome open discussion and Q&A

State-Led Knowledge Exchange: Guiding Principles

Goals:

- Share updates on State research, climate services and funding opportunities
- Present upcoming community engagement opportunities
- Discuss connections between State and Local actions, and opportunities to enhance collaboration

Questions to keep in mind:

- How can the State best support your community's access to information and funding?
- What opportunities do you see for collaboration?
- What else would you like us to know?



CALIFORNIA'S FIFTH
CLIMATE CHANGE
ASSESSMENT

CA Climate Change Assessment

December 5th, 2024



CA Governor's Office of
Land Use and
Climate Innovation



CALIFORNIA
NATURAL
RESOURCES
AGENCY



CALIFORNIA
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What are the California Climate Change Assessments?

California's Climate Assessment is a multi-year research effort with government, academic, tribal, and community partners to generate new data, original research, and syntheses on the ways climate change impacts California's diverse communities.



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CLIMATE CHANGE
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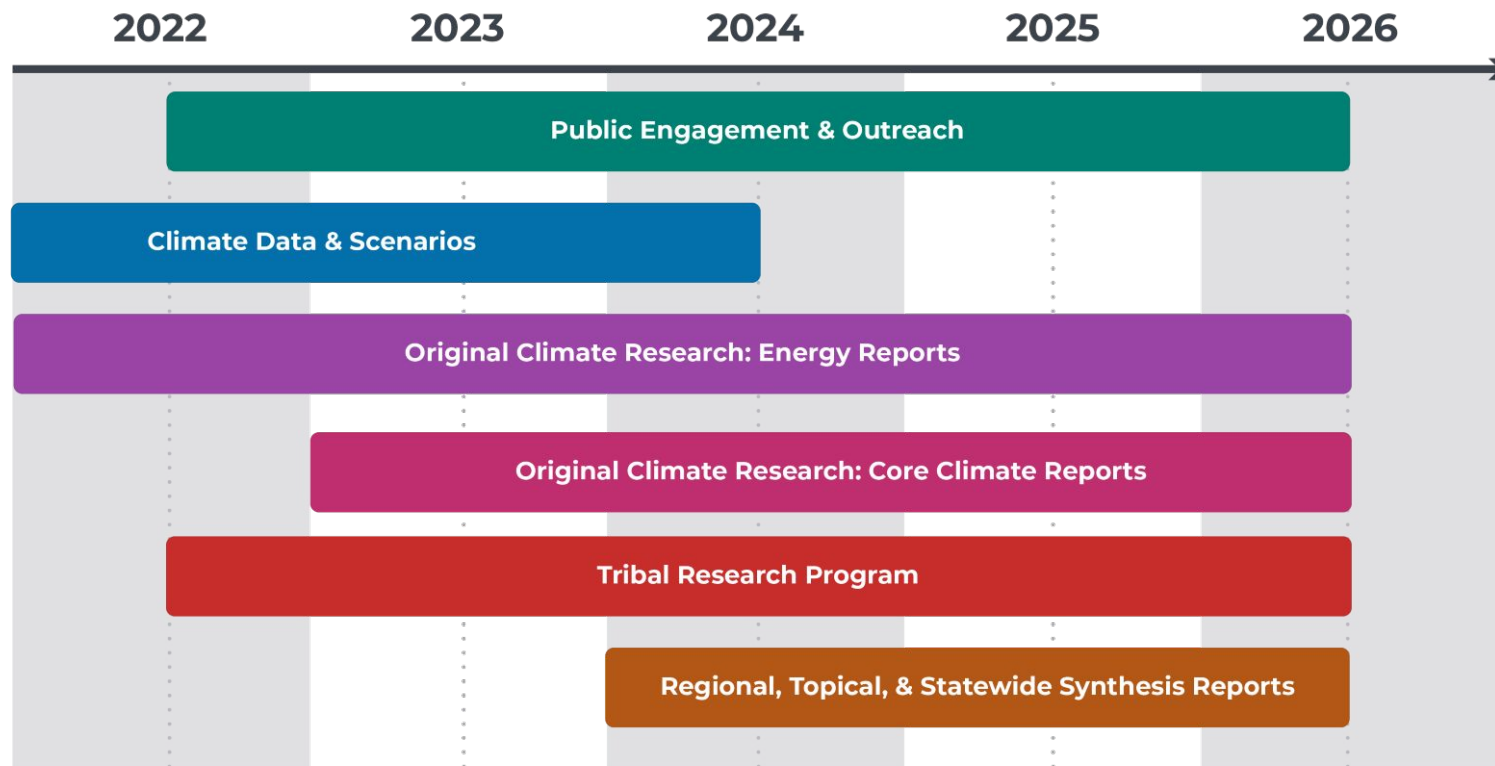


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Timeline



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GOALS

- Support a community-led process
- Produce actionable science & resources
- Implement a consistent framework across regions
- Synthesize statewide climate issues & uplift local priorities





- **Engage, consult, and partner** with Tribal Communities
- Establish a **Tribal Advisory Group**
- Support tribally-led research through a **Tribal Grant Program**
- Develop a **Tribal Synthesis Report**
- Develop **Tribally led Guidance** on Collaboration and Protection of Indigenous Knowledge and Tribal Expertise

Tribal Advisory Group



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Program Goal:
Establish a Tribal Advisory
Group to ensure
collaboration on
Indigenous knowledge and
tribal expertise



**Tiana
Williams-Clause**
n, Wildlife
Director, Yurok
Tribe



Raymond Gutierrez,
Eco-Cultural
Ecologist, Wuksachi
Indian Tribe

Connor Magee,
Research and Data
Application
Manager-Climate
Science Alliance, Pala
Band of Mission
Indians



**Christina
McDonald,**
Secretary, North
Fork Rancheria of
Mono Indians



**William "Yaan Yaan
Eesh" Micklin,** Chief
Executive Officer,
Ewiiapaayp of Kumeyaay
Indians



Michael Shaver,
Water Resources
Director, Potter
Valley Tribe

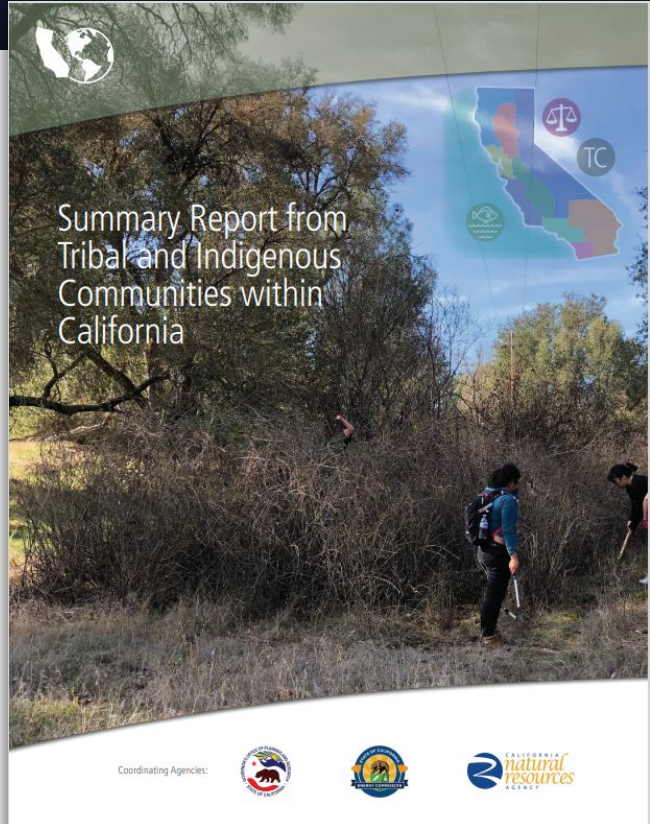


Dean Tonenna, VP Mono
Lake Kootzaduka'a Indian
Community Cultural
Preservation Association

Tribal and Indigenous Communities Report (4th Assessment)



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“This report is the beginning of something truly innovative: **a mutual invitation between tribes and the state to share learning with an urgent focus on climate action, incorporating traditional knowledges and practices.** This synthesis is the starting point of a new productive climate conversation between tribes and the state”

– page 10 of CA Fourth Climate Assessment Tribal and Indigenous Communities Report (2018)

Thank you!



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Email us: climateassessment@opr.ca.gov

*Visit our
website*



*Sign up for
our email list*



*Check out our
new video*





California Climate Change Assessment: Inland Desert Region

Ryan Sendejas

Where Are the
**INLAND
DESERTS?**

**Western Riverside
Imperial
Coachella
San Bernardino
Lower Sierra**



Q4 2024: Project Startup & Initial Engagement Activities

1. Project Start-Up and Author Team Establishment (October)

- Establish author team and advisory groups.**
- Finalize project scope and initiate engagement plan.**

2. Establish Partnerships and Advisory Groups (November)

- Initiate meetings, ensuring representation of Indigenous tribe(s) and two CBOs.**

3. Engagement Plan Development (November - December)

- Develop a comprehensive Engagement Plan.**

4. Website and Communication Channel Launch (December)

- Launch project's interactive digital platform.**

Q1 2025: Community Engagement & Initial Research Drafting

- 1. Community Engagement Activities (January)**
 - Conduct workshops in areas like Coachella Valley and the Salton Sea region.
- 2. Initial Drafting of Report Materials (February)**
 - Begin drafting report based on community input and scientific research.
- 3. Key Informant Interviews (February - March)**
 - Conduct listening tours and interviews with Indigenous communities.
- 4. Feedback Synthesis (March)**
 - Synthesize feedback for inclusion in the draft report.

WEBSITE!



SHAPE THE FUTURE OF CALIFORNIA'S DESERTS

JOIN OUR CLIMATE CHANGE ASSESSMENT TEAM!

We are seeking authors contributors and advisors to help develop the Fifth California Climate Change Assessment: Inland Deserts regional report. This report will support and provide as a guide to climate policy, planning, and action.

Looking For Professionals in:

- *Environmental Sciences*
- *Policy & Planning*
- *Public Health & Community*
- *Individuals committed to climate action and resiliency.*

Collaboration Between



Learn more at:

Email: ccainlanddesert@gmail.com



Integrated Climate Adaptation and Resiliency Program (ICARP)

Climate Services

Ben McMahan

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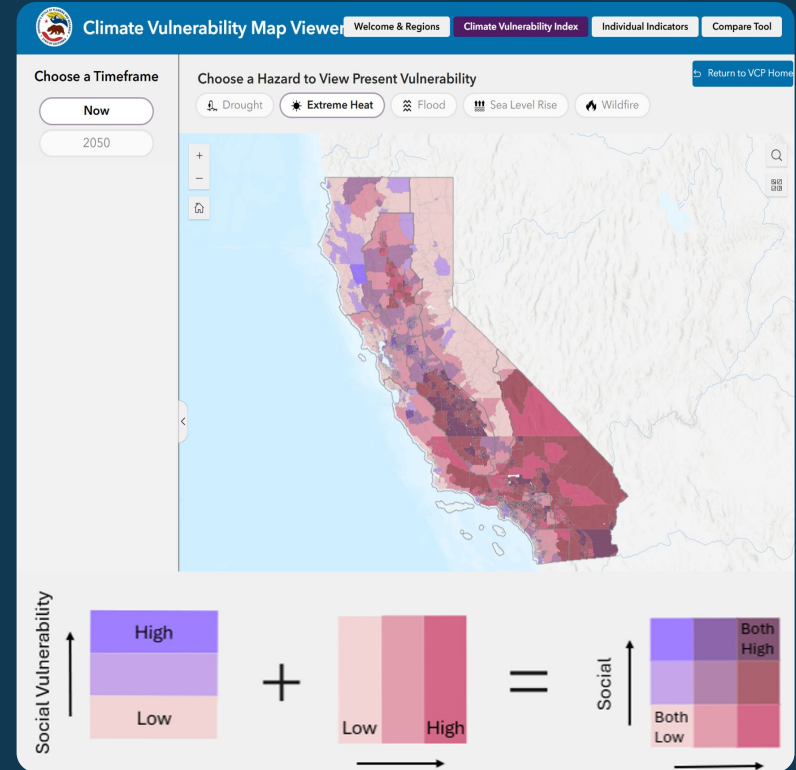


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Vulnerable Communities Platform (VCP)

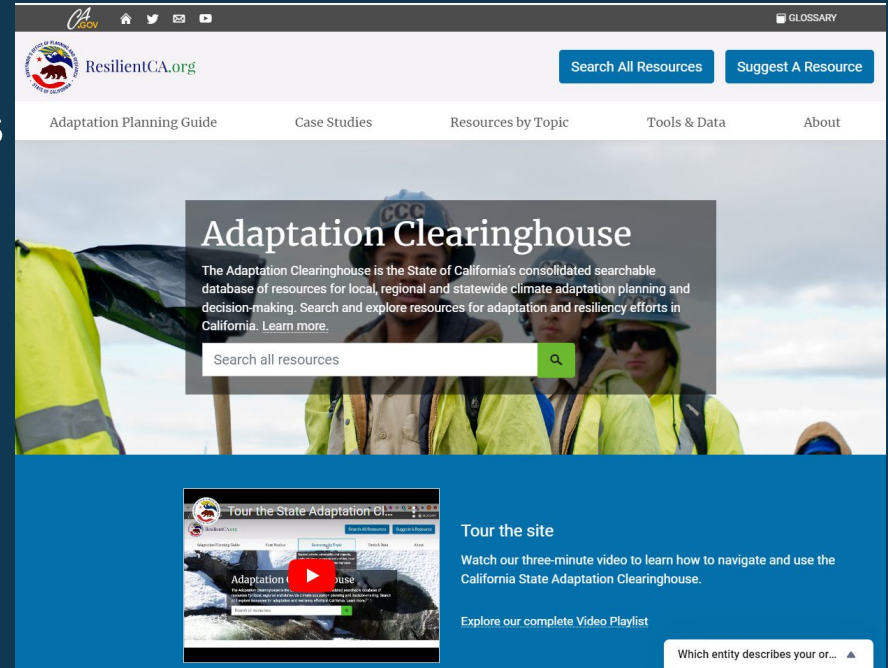
Web-hub with data and guidance to help identify populations across the state most vulnerable to the impacts of climate change

- Map climate hazard and social sensitivity data
- Compare existing vulnerability related tools
- Provide entry-level primer to resilience resources
- Provide examples and guidance for community users and organizations



Adaptation Clearinghouse

- Searchable database of resources for climate adaptation
- Includes planning guidance, case studies, and other resources intended to support decision making.



The screenshot displays the homepage of the Adaptation Clearinghouse website. At the top, there is a navigation bar with the ResilientCA.org logo, social media icons, and a GLOSSARY link. Below this is a search bar with the text "Search All Resources" and a button labeled "Suggest A Resource". The main content area features a large banner image of construction workers in high-visibility vests and hard hats. Overlaid on this image is the title "Adaptation Clearinghouse" and a descriptive paragraph: "The Adaptation Clearinghouse is the State of California's consolidated searchable database of resources for local, regional and statewide climate adaptation planning and decision-making. Search and explore resources for adaptation and resiliency efforts in California. Learn more." Below the text is a search input field with the placeholder "Search all resources" and a green search button. At the bottom of the page, there is a blue section with a video player titled "Tour the State Adaptation Clearinghouse" and a call to action: "Watch our three-minute video to learn how to navigate and use the California State Adaptation Clearinghouse." Below the video player is a link to "Explore our complete Video Playlist" and a dropdown menu labeled "Which entity describes your or..."



Integrated Climate Adaptation and Resiliency Program (ICARP)

Climate Services

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CA Governor's Office of
**Land Use and
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Strategic Growth Council's

Community Resilience Centers (CRC) &
Transformative Climate Communities (TCC)
Programs & Upcoming Funding Opportunities



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Upcoming Funding Opportunities

Proposition 4 authorizes the state to borrow funding to support many programs including a few of those administered the California Strategic Growth Council – which are the Transformative Climate Communities Program (TCC), the Community Resilience Centers Program (CRC), and the Land Equity Task Force.

Community Resilience Centers (CRC)

“Funding...for the construction or retrofit of facilities to serve as community resilience centers that mitigate the public health impacts of extreme heat and other emergency situations exacerbated by climate change.” (SB 155, Committee on Budget and Fiscal Review, Chapter 258, Statutes of 2021).

- Emergency response and long-term resilience
- Integrated delivery of services
- Partnerships with CBOs and community residents
- Public process
- Prioritize projects located in and benefitting under-resourced communities
- Statewide geographic diversity

Past recipients: Cahuilla Band of Indians, Inland Coalition of Immigrant Justice, City of Banning, and City of Coachella



General Fund Round 1: \$97.6 million awarded to 24 communities

- 11 Planning Grants : \$100,000 - \$500,000 each
- 4 Project Development Grants: \$500,000-\$5M each
- 9 Implementation Grants: \$1M - \$10M each

Transformative Climate Communities (TCC)

Community-led transformation to enable the California communities most impacted by pollution to choose their own goals, strategies and projects to reduce greenhouse gas emissions and local air pollution.

- Partnerships with CBOs and community residents
- Select eligible project types
 - Urban greening, affordable housing, transportation, microgrids, residential solar, and more
- Community engagement, workforce development, and displacement avoidance activities
- Economic, environmental, and health benefits with GHG reduction

Past recipients: City of Coachella, City of Moreno Valley, Riverside County, City of Indio, City of Riverside, Coachella Valley Association of Governments



Rounds 1-5:

\$424 million awarded to 37 communities

- Planning: Up to \$300,000
- Project Development: Up to \$5 million
- Implementation: \$10 - \$66 million

Extreme Heat & Community Resilience Program

This program invests in local, regional, and tribal **heat reduction and mitigation efforts**. Funding aims to:

- Build capacity for heat action planning in the most heat-burdened communities through **funding and technical support**.
- Implement **California's Extreme Heat Action Plan**.



Newsletter Sign Up

Upcoming Engagement Opportunities

- More information to come on opportunities for engagement in 2025
- SGC will strive to coordinate engagement across programs
- Areas for input:
 - Application barriers and opportunities
 - Program requirements
 - Technical assistance
 - Priorities for program changes



Thank You!

CONTACT

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TCC@sgc.ca.gov

LEARN MORE AT

sgc.ca.gov/grant-programs/crc/

sgc.ca.gov/grant-programs/tcc/



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SIGN UP FOR PROGRAM UPDATES



CRC Email List
Sign Up



TCC Email List
Sign Up

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