RTOC CA Working Group July 28, 2022 | 2-2:30 pm California's Fifth Climate Change Assessment **Tribal Research Program**









California's Fifth Climate Change Assessment State Agency Implementation Team



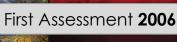


June 1989





Our Changing Climate Assessing the Risks to California





Previous California Climate Change Assessments

Springer Atmesphere: Sciences

Daniel R. Cayan - Susanne Moser Guido Franco - Michael Hanemann Myoung Ae Jones - Editors

California Climate Scenarios Assessment

Second Assessment 2009



Third Assessment **2012**

A Summary Report on the Third Assessment from the California Climate Change Center



Fourth Assessment 2018

2 Springer

Fifth Assessment Timeline



Climate Data & Scenarios

Core Technical Reports (Energy)

Core Technical Reports (Non-Energy)

Tribal Research Program

Regional, Topical, & Statewide Synthesis Reports



Fourth Assessment Tribal and Indigenous Community Report

Summary Report from Tribal and Indigenous Communities within California ASSESSMENT

Recommendations

The following recommendations are compiled from case studies and tribal review of the climate information for this report and are intended for consideration by the state and tribes alike.

Recommendations for Incorporating TEK and Cultural Practices

- All co-managers of lands and resources should form alliances and cooperatives with tribes to share knowledge
 and techniques to include TEK.
- Look to working models like landscape conservation consortiums for examples of benefits to partnering with tribes and incorporating TEK into management practices.
- Conservation efforts and particularly land conveyances should be done in partnership and consultation with
 tribes who identify those areas as ancestral homelands to ensure continued land management by those tribes
 utilizing TEK (e.g., rethinking perpetual conservation). Work on ways to incorporate TEK while preserving
 confidentiality of TEK information and practices as needed.
- Acknowledge that TEK is a lifestyle and a responsibility for tribes.
- TEK partnerships work best when they are driven by tribes and address issues that tribes have an interest in. When
 integrating TEK, turn to tribal partners, tribal partnerships, and/or tribal stakeholders to link or bridge a project
 or endeavor to those who are knowledgeable of ecological traditions. This link could be as simple as hiring native
 youth trainees, indigenous workforce employees, elders, and/or experienced Native American consultants.
- It is important to protect tribal data and information, and facilitate and maintain tribal control of this data and tribal knowledge leads to successful partnerships.
- · Building a mutual trust is important and takes time.
- TEK is earned through trust building and demonstrations of worthiness.
- Incorporation of youth and younger generations is an effective component of successful TEK projects.
- Defining clear and possibly negotiated outcomes of a TEK project.

Recommendations for Energy

To achieve rapid reduction in greenhouse gas emissions and improve energy and transportation reliability and resilience, there are many areas tribes and the state can look to for collaboration:

- Explore tribal participation and co-benefits of leveraging tribal government resources with state resources
 to more rapidly reduce greenhouse gases and achieve California and tribal climate goals. Examples include
 but are not limited to: carbon markets, revolving loans, funding for rapid deployment of low carbon energy
 and transportation technologies, and expansion of net energy metering (NEM) and NEM aggregation for
 community-scale decarbonization in the energy sector.
- Ensure California energy and transportation policy. programs, and incentives consider including tribal
 governments (e.g., tribal governments eligible to form community choice aggregation entities).

Fourth Climate Change Assessment



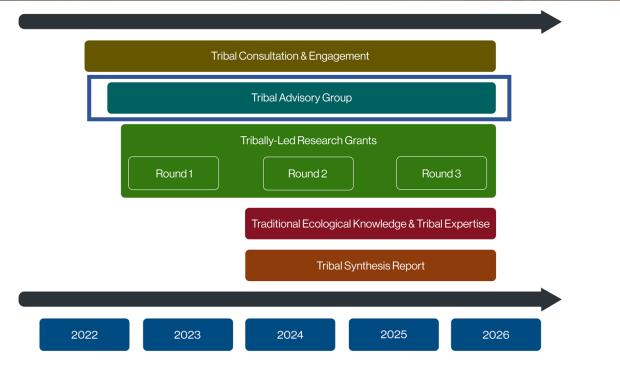
Tribal Research Program

Tribal Consultation & Engagement

Tribal Advisory Group



Tribal Advisory Group



Structure:

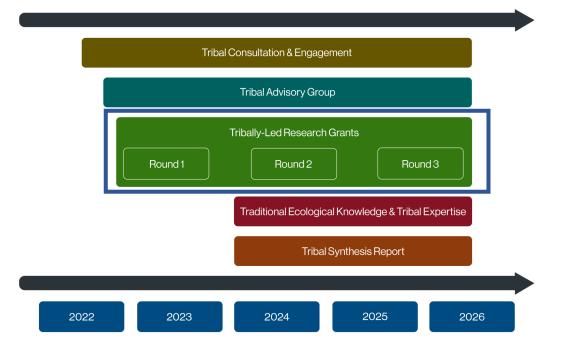
- Consider representatives from many regions, youth and elders, TEK, and climate expertise
- Potential monthly meetings
- Compensated
- Will bring in supplemental experts to present to the group when requested

Deliverables:

- Advisement on methods and integration of Traditional ecological knowledge and tribal expertise into Fifth Assessment work
- Serve as ambassadors for the assessment in your "regions" and under your area of expertise

Nominations: Send Bio/Resume/CV and letter of recommendation to patricia.kennedy@opr.ca.gov by September 9, 2022

Tribal Research Grant



• Funding \$3.65 million in grants to tribes

- Small (up to \$20,000)
- Medium (up to \$100,000)
- Large (up to \$200,000)

 Three rounds of grants with the ability to build off each round

 Anticipated Grant Guidelines in Fall of 2022 with an application deadline in Winter or Spring of 2023

A Little of What We Have Heard So Far...

- Recommendation that the Tribal Advisory Group does not replace ongoing meaningful engagement and consultation with Tribes.
- Recommendation to reduce barriers to the grant program such as application processes and NEPA/CEQA requirements
- Elevating that many tribes are already doing great work with climate changes. Figure out how to complement and support that work.
- TEK is complex and unique for each tribe. Focus on both youth and elders. Focus on language. Let tribes define.
- Idea of having tribes identify and agree on broad level TEK themes that commonly accepted amongst tribal communities, in order to preserve sovereignty of more knowledge that might be more sensitive, or tribes wish to keep confidential.
- Great research ideas such as information sharing amongst tribes, language programs, cultural burn benefits, youth scholarship programs, and many more.

Next Steps

- Connect for 1:1 consultation
- Provide input on grant program
- Nominate a Tribal Advisory member:
 - Name, Resume/CV/Bio
 - Letter of Recommendation
 - Tribal Research Grant Draft Guidelines: Fall 2022









Thank You!

Email us: Patricia.kennedy@opr.ca.gov

Learn About the Fourth Assessment: https://climateassessment.ca.gov/

Track Updates and Announcements: https://opr.ca.gov/climate/icarp/climate-assessment/









Questions