

California Landscape Conservation Cooperative - Tribal/TEK¹ Team

2014 Activities Report for the Steering Committee

Team Members as of December 2014 (not including LCC staff)

Dr. Jared Aldern – Prescott College
Emily Alejandrino - CA Department of Water Resources
Chris Bujalski - Bureau of Indian Affairs
Damion Ciotti - US Fish and Wildlife Service
Dennis Dye – US Geological Survey
Marissa Fierro – Upper Pit River Tribe
Mahesh Gautam – CA Department of Water Resources
Ron Goode – North Fork Mono Tribe
Todd Hopkins – Great Basin LCC
Dr. Beth Rose Middleton – UC Davis
Sage La Pena – Nomtipom Wintu Tribe
David Pegos – CA Department of Food and Agriculture
Michelle Selmon (Chair) - CA Department of Water Resources
Dr. Chuck Striplen - San Francisco Estuary Institute

2014 Accomplishments

New Members

Nine new members joined the Tribal and TEK Team in 2014, including three tribal members, with additional interested parties on the email list.

September 23rd Traditional Ecological Knowledge Training Workshop

A Traditional Ecological Knowledge Training Workshop was held at CSU Sacramento on September 23rd, 2014. The workshop agenda and supporting materials were developed in partnership with the California LCC, the California Department of Water Resources (DWR), and state, federal and tribal participants on the CA LCC Tribal and TEK Team. The workshop was developed as a first step in providing training and resources to state and federal staff seeking to work with Tribes on land management utilizing traditional ecological knowledge. The response to the workshop was very positive, and the class was full (with a waiting list), indicating high interest in this topic.



¹ TEK - Tribal Ecological Knowledge or Traditional Ecological Knowledge

Connecting with Other Tribal Engagement Efforts in 2014

- **Pacific Northwest Tribal Climate Change Project** presentation – Michelle Selmon, August 2014
 - Dr. Kathy Lynn of the University of Oregon leads the PNW Tribal Climate Change Network, which “fosters communication between tribes, agencies, and other entities about climate change policies, programs, and research needs pertaining to tribes and climate change. The Network meets via conference call each month. Participants in the Network have cited a critical need for coordination and collaboration between agencies and organizations to meet the needs tribes have in accessing climate change resources and information”
- **US EPA Regional Tribal Operations Committee** presentation– Michelle Selmon and Rebecca Fris, October 2014
 - [RTOC mission](#) is to assist EPA in meeting its trust responsibility to the Tribes and further the development of government-to-government relationships between EPA and all Tribes in the Region. Focus is on three key areas: 1. Policy Management of EPA Indian Programs; 2. Coordination/Communication among Tribes/EPA, and other Agencies; 3. Education.

Resources for Steering Committee Members on Native Americans and TEK

Guidelines for Considering Traditional Knowledges in Climate Change Initiatives

[Climate and Traditional Knowledges Workgroup (CTKW) – September 2014]

<https://climatetkw.wordpress.com/>

Fostering Tribal Engagement in Climate Science Centers and Landscape Conservation Cooperatives

[Pacific Northwest Tribal Climate Change Project - October 2012]

http://tribalclimate.uoregon.edu/files/2010/11/Tribal_engagement_10-15-2012-1izz31b.pdf

Traditional Ecological Knowledge (TEK) Resources on the California Climate Commons

<http://climate.calcommons.org/article/tek>

Braids of Truth – An Exploration of Traditional Ecological Knowledge, Climate Change and Collaboration Challenges [Salish Kootenai College - June 2014]

<http://www.bia.gov/nifc/fuels/ecoknw/index.htm>

White House Tribal Nations Conference (Part 3) – In early December, panelists at the 2014 White House Tribal Nations Conference talked about global climate change. Watch compelling statements by Interior Secretary Sally Jewel, EPA Administrator Gina McCarthy, and Secretary of Energy Ernest Moniz.

<http://www.c-span.org/video/?323039-3/white-house-tribal-nations-conference-part-3>. Also, **President Obama’s** remarks: <http://www.c-span.org/video/?323039-4/president-obama-tribal-nations-conference>

Agency Positions and Actions with Tribal Engagement and Traditional Ecological Knowledge

Secretary of Interior Order 3289 “Addressing the Impacts of Climate Change on America’s Water, Land, and Other National and Cultural Resources” [2010]

https://nccwsc.usgs.gov/sites/default/files/documents/other/SO_3289_Amended.pdf [Section 3c. Landscape Conservation Cooperatives – “Because of the unprecedented scope of affected landscapes, Interior bureaus and agencies must work together, and with other federal, state, **tribal** and local governments, and private landowner partner, to develop landscape-level strategies for understanding and responding to climate change impacts”]

Secretary Jewell Issues Secretarial Order Affirming American Indian Trust Responsibilities [US Dept of Interior – August 2014] <http://www.doi.gov/news/pressreleases/secretary-jewell-issues-secretarial-order-affirming-american-indian-trust-responsibilities.cfm> [“The Secretarial Order provides seven principles that apply to all Interior agencies, not just the Bureau of Indian Affairs, including supporting tribal sovereignty and self-determination, protecting tribal lands and resources, building partnerships...”]

Executive Order B-10-11 [CA Office of the Governor – September 2011] Reinforces Tribal consultation policy and establishes the position of Governor’s Tribal Advisor <http://gov.ca.gov/news.php?id=17223>

CA Department of Water Resources Tribal Water Summit Guiding Principles [CA DWR – April 2013] http://www.waterplan.water.ca.gov/docs/tws/2013/Guiding%20Principles_FINALfor%20proceedingsv%202.pdf [Guiding Principle #1 – “Tribes and State agencies will work together to develop strategies and approaches that better incorporate Traditional/Tribal Ecological Knowledge into water and water-related resource planning and management activities”]

US Geological Survey Releases Tribal Engagement Policy <http://indiancountrytodaymedianetwork.com/2014/09/29/us-geological-survey-releases-tribal-engagement-policy-157115> [“It is our intent to share climate change mitigation and adaptation information with tribes and to receive feedback from tribal members regarding how ecosystems and cultural resources can be maintained as climate changes”] **Related document:** “Tribal Engagement Strategy of the South Central Climate Science Center” <http://pubs.usgs.gov/circ/1396/>

Traditional Ecological Knowledge for Application by Service Scientists

[US Fish and Wildlife Service – February 2011] <http://www.fws.gov/nativeamerican/pdf/tek-fact-sheet.pdf>

Indigenous Traditional Ecological Knowledge in Agroforestry [US Dept of Agriculture – May 2014] <http://nac.unl.edu/documents/agroforestrynotes/an44g14.pdf>

DRAFT USDA Forest Service Tribal Engagement Roadmap [US Forest Service – December 2013] [“TEK can provide insights into how our nation’s forests and grasslands respond to human interventions and changing climate conditions. Integrating TEK with western science was identified as a tribal priority in a survey that represented over 30 tribal nations”] <http://www.fs.fed.us/research/docs/tribal-engagement/consultation/roadmap.pdf>

Tribes Take the Helm in the West Coast Ocean Planning [NOAA grant – 2012]

<http://voices.nationalgeographic.com/2013/12/02/tribes-take-the-helm-in-west-coast-ocean-planning/>