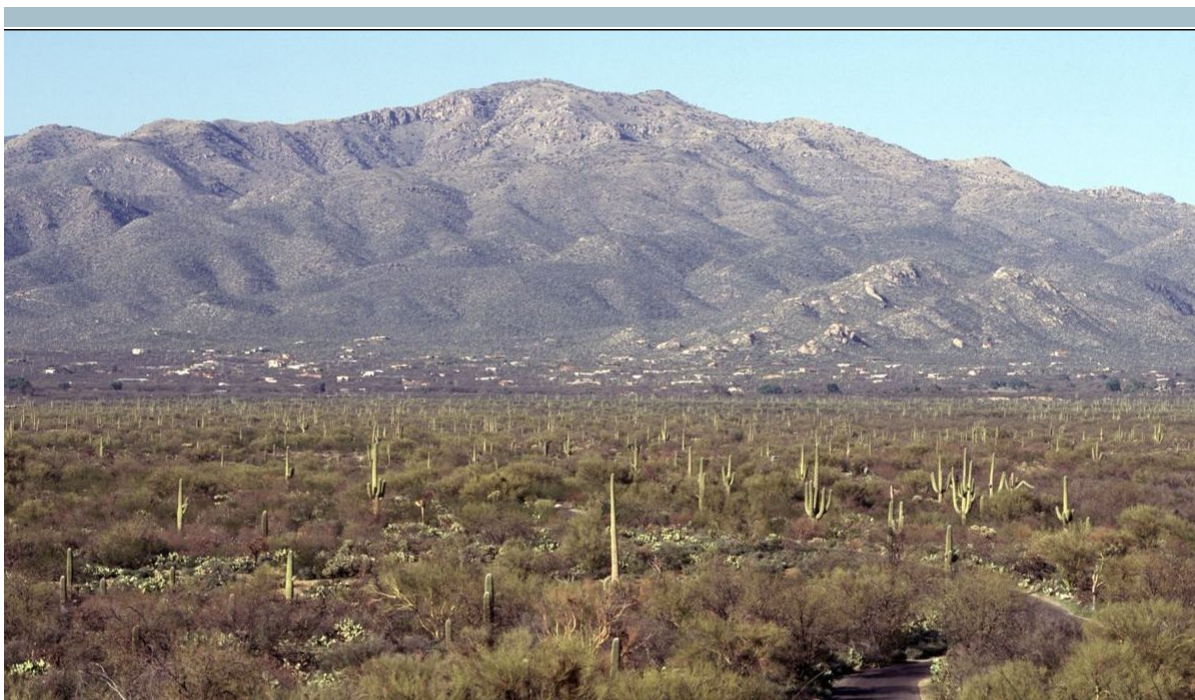


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# EcoClimate News SW Highlight

April 2022

## **Spring Webinar Series: Native Nations and Climate Change**

The Southwest Climate Adaptation Science Center (SW CASC) and the NPS Tribal Engagement & Climate Change workgroup are hosting a webinar series in Spring 2022, on the **third Thursday of April, May, and June, 12-1pm PDT**. The webinars will highlight climate adaptation projects partially funded by the SW CASC that are taking place in collaboration with local Tribal partners. Below is the description and registration for the April webinar. Please find the descriptions and registration for the May and June webinars [here](#).

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**April Webinar:  
Fire and Humans in Resilient Ecosystems of the**

**Speaker:**

**Rachel Loehman** is a landscape and fire ecologist with the US Geological Survey.

*Date: April 21, 2022*

*Time: 12-1pm PDT*

In the southwestern US humans and ecosystems share a history of fire. Here, contemporary ecological patterns and processes that are thought to be natural may be highly influenced by past human land use legacies, at millennial time scales. The Jemez Mountains of central New Mexico provide a landscape laboratory rich in archaeological, ethnographic, and ecological data sets, within which to study the reciprocal, long-term interactions of humans and fire. Evidence from tree-rings, fire scars, and charcoal sediments suggests that prior to the 20th century, southwestern pine forests sustained frequent, low-severity surface fires. During a period of dense occupation in the 13th and 14th centuries, land and resource use may have significantly influenced forest structure, fuel properties, ignitions, and landscape fire dynamics. We developed complex spatial models, informed by rich archaeological, ethnographic, and dendroarchaeological data sets, to examine how plausible scenarios of human activities influenced forests and fire regimes ca. 1200-1900 CE.

**Register Here!**



**Come Rain or Shine Podcast**

**Managing for Change: California's Giant Sequoias**



Image Credit: [Pixaby](#)

How are extreme events transforming sequoia forests in the western US.? And what are land managers doing about it? Dr. Christy Brigham, Chief of Resources Management and Science at Sequoia and Kings Canyon National Parks, and Dr. Joanna Nelson, Director of science and conservation planning with Save the Redwoods League, visited with us to share their knowledge and experiences working to conserve these iconic trees.

[Listen Here](#)

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## Partner Highlight

### **Bureau of Indian Affairs (BIA) Tribal Climate Resilience Program (TCRP): Request for Proposals (RFP)**

The Bureau of Indian Affairs (BIA) has announced the availability of funding through the Tribal Climate Resilience Program. Please visit this [link](#) for more information.

The Institute for Tribal Environmental Professionals (ITEP) Tribes and Climate Change Program will be hosting an informational webinar about this funding opportunity. This webinar will provide information about available BIA Branch of Tribal Climate Resilience funding to support Tribal adaptation planning & preparedness, capacity building, youth, & implementation activities. The Annual Awards Program seeks to help Tribes address climate change impacts, ocean and coastal resource management, & relocation, managed retreat, and protect-in-place issues & decision-making processes. This webinar will be recorded and be made available after the webinar for those unable to attend.

*Date: April 25, 2022*

*Time: 1:30 - 3:00pm MDT*

**Register Here!**

**Contact us at:**

University of Arizona, ENR2 Building, 1064 E. Lowell St., Suite N441, Tucson, AZ 85721

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