



*Mt. Irish Petroglyph Park – Photo: BLM Nevada*

## Who We Are

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The Great Basin Landscape Conservation Cooperative (LCC) is a partnership among public and private groups working to meet large-scale conservation challenges across five states. We promote management based upon science and traditional knowledge that enables human and natural communities to respond and adapt to ongoing change. Our partners include a variety of groups committed to conservation, such as Native American tribes, universities, non-governmental organizations, and federal, state and local government agencies.

## What We Do

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The Great Basin LCC brings together researchers, planners and managers to develop solutions for the most vexing problems in natural and cultural resource landscape-scale conservation. We do this by:

- Working across political and organizational boundaries to create opportunities for collaboration on important conservation issues.
- Developing science-based information and tools for managers.
- Helping partners to integrate traditional knowledge into their plans and strategies.
- Building synergy among public and private conservation programs by providing a forum where partners can coordinate their activities.

## Recent Activities

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### **Building Tribal Capacity for Climate Change Vulnerability Assessment**

This new effort promotes the ability of tribal communities to respond to climate-related threats, enhancing tribal and regional resilience to change. The project makes the vulnerability assessment process more accessible to Northwest and Great Basin tribal staffs by providing online guidance materials targeted to tribal needs and capacities. The project meets the demand for climate data at the scale of tribal decision-making by providing downscaled climate data and climate change summaries for tribes. The project also supports tribal staff through the vulnerability assessment process via workshops, trainings and a Tribal Climate Technical Support Desk. This work is being conducted in consultation with an advisory group from Northwest and Great Basin tribes.





### **Tribal Climate Adaptation Training:**

The LCC sponsored a three-day workshop which brought together 44 tribal members to introduce the adaptation planning process. The training delivered templates, resource lists and other materials intermixed with small and large group discussions, a field trip and other activities.

### **Understanding Native Cultural Dimensions of Climate Change:**

Research by Oregon State University explored tribal cultural relationships and practices connected to resources and other aspects of nature that are potentially affected by climate change. The project interviewed elders with two tribes in the Great Basin to learn how a changing environment has affected aspects of tribal culture.

### **Using Narrative Stories to Understand Traditional Knowledge in the Great Basin:**



This pilot project used a method of interviewing with tribal youth to gather narrative “micro stories” from elders and key tribal members and then answer a series of carefully constructed questions that allow participants to apply context and meaning to their stories. The team will analyze questions quantitatively using correlation statistics to identify key themes and patterns across the narrative dataset.

### **Walker River Paiute Tribe Traditional Ecological Knowledge:**

The Walker River Paiute Tribe has vast traditional ecological knowledge of the local area relating to plants, wildlife, fish and water. Due to the rapid rate of climate change and the impacts it has had on the reservation and gathering areas, the Tribe has not been able to keep up with the changes. This project developed a visioning document including traditional knowledge of plants, wildlife, fish and water located on the reservation and traditional hunting/gathering areas of the Agai Dicutta Numa (Walker River Paiutes) for use in future resource management planning and cultural sustainability. The project also developed a pilot program that planted willows and other traditional plants to determine best practices for re-vegetation.



## **We Would Like to Hear from You**

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### **How can we support your conservation efforts?**

We want to collaborate with you on current and future work to further Great Basin conservation and land stewardship. Contact us to receive more information and discuss possible partnerships.

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