

# Great Basin

LANDSCAPE CONSERVATION COOPERATIVE

*Promoting collaborative and inclusive landscape-scale conservation in a changing environment.*

Mt. Irish Petroglyph Park - Photo: BLM Nevada

## Who We Are

The Great Basin Landscape Conservation Cooperative (LCC) is a self-directed partnership among public and private groups operating in the Great Basin that was established to better integrate science and management to address climate change and other landscape-scale conservation challenges.

## Landscape-Scale Approach

Some of the most intractable challenges in land and water conservation involve ecological processes that operate at large spatial scales. Dealing with issues such as climate and land use change, invasive species and wildfires requires an approach based on collaboration among public and private interests.

The Great Basin LCC tackles threats to species, ecosystems and cultural resources in the Great Basin at a landscape level. The National Academies of Sciences found LCCs “create opportunities for identifying common conservation goals and leveraging efforts of diverse partners at a much greater scale than any one entity could achieve alone.”

### Recent Activities



Photo: BLM Nevada  
BLM Nevada fire crews addressing fires.



Photo: Matt Germino  
Anne Halford, Restoration Ecologist, holding a sagebrush seedling before planting.

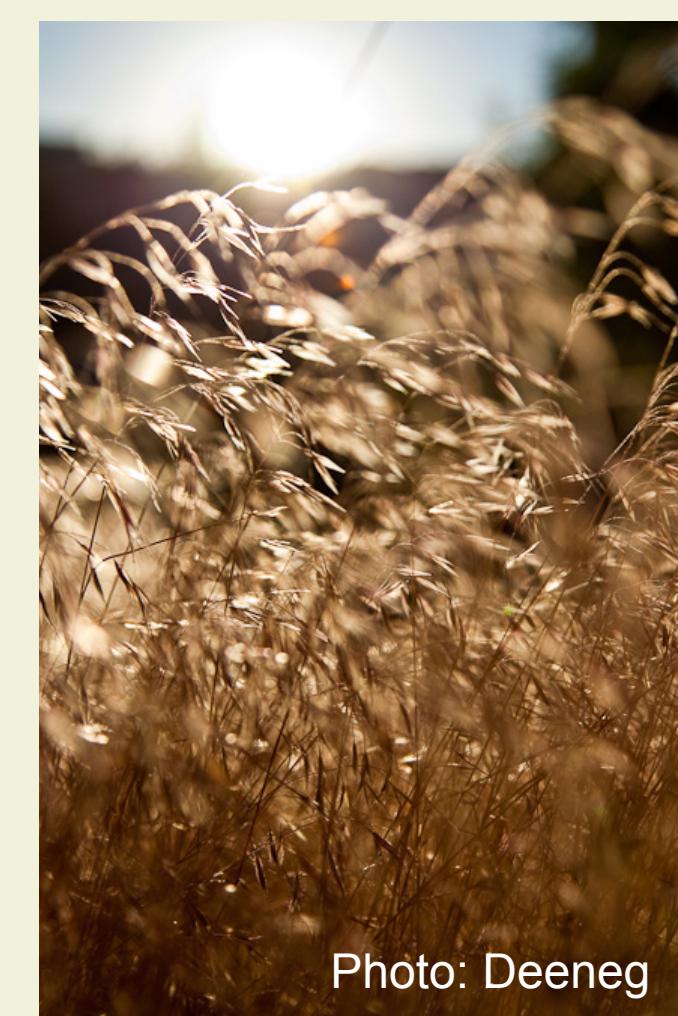


Photo: Deeneg  
Cheatgrass.

#### Working Towards Rangeland Fire Prevention, Management and Restoration

The Great Basin LCC is involved in many actions stemming from Secretarial Order 3336, such as developing an online science delivery system to allow easier access to published science products, identifying and prioritizing research needs, and delivering science-based information, decision support tools, methods and more.



Climate Change Adaptation Training for Tribes.

#### Supporting Traditional Knowledge

The Great Basin LCC worked with tribes to develop Tribal climate adaptation trainings, supported narrative stories to understand tribal knowledge and helped develop a visioning document of the Walker River Paiute Tribe's traditional knowledge to use in resource management training and cultural sustainability.

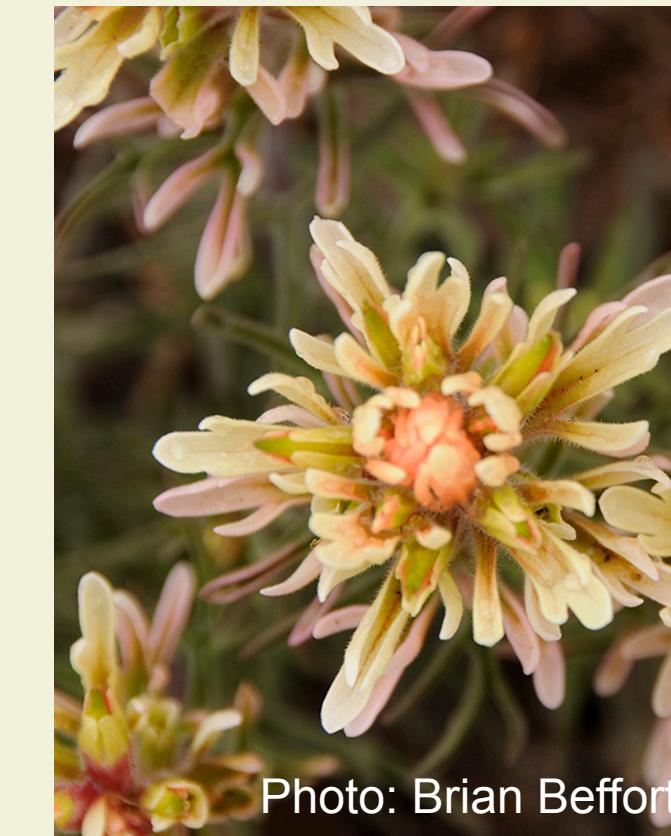


Photo: Brian Beffort

#### Advancing Sagebrush Restoration Science

The Great Basin LCC supported studies on sagebrush seeding and outplanting success to identify seed sources, and supported research on the effects of altered fire regimes and fuel treatments.



Dr. Elizabeth Leger's, University of Nevada Reno, team studying cheatgrass die-offs.

#### Combatting Invasive Weeds

The Great Basin LCC supported research on cheatgrass and helped develop a tool for resistance and resilience. LCC staff co-authored technical reports that now inform the management of Greater Sage-grouse habitat on over 99 million acres, two-thirds of the land area in the Great Basin. LCC staff also helped the Western Association of Fish and Wildlife Agencies to conduct the recent Western Invasive Weeds Summit.

#### Addressing Climate Change

The Great Basin LCC co-sponsored the Great Basin Climate Forum, supported research on connecting climate adaptation plans with field staff, and aided climate adaptation planning by supporting an assessment and inventory of climatological monitoring stations.

#### Sharing Information

Partnering with the Great Basin Consortium, the Great Basin LCC hosted an annual meeting bringing together more than 350 scientists and conservation managers to discuss the region's conservation issues. To showcase cutting edge science, the Great Basin LCC produced a six-part webinar series attended by almost 500 people throughout the year.

## For more information

Rick Kearney, Great Basin LCC Coordinator

Email: [info@greatbasinlcc.org](mailto:info@greatbasinlcc.org)

Website: [www.greatbasinlcc.org](http://www.greatbasinlcc.org)



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