

What is the Great Basin Landscape Conservation Cooperative?

The Great Basin Landscape Conservation Cooperative (LCC) is one of 22 LCCs nationwide established by the Department of the Interior (DOI) to better integrate science and management to address climate change and related issues. The Great Basin LCC is a self-directed partnership between organizations involved in natural resource management and conservation.



What does the Great Basin LCC do?

In broad terms, the Great Basin LCC helps link and integrate science providers with resource managers and decision-makers; brings additional federal resources to bear on landscape-scale conservation issues and opportunities; and helps to apply science and facilitate coordination on a wide range of efforts to respond to climate change, invasive species, wildfires, human development and other stressors across the Great Basin.

Specific objectives and shared priorities will be determined by the partnership itself. The LCC is not intended to replace existing organizations already accomplishing conservation work in the Great Basin. The aim is to facilitate, enhance and inform that work.

Mission

The Great Basin LCC enhances understanding of the effects of changing climate and other natural and human impacts across the region and promotes the coordination of science-based actions to enable human and natural communities to respond and adapt to those conditions.

The Great Basin LCC accomplishes this mission through:

- Providing leadership and a framework linking science and management to address shared ecological, climate, and social and economic issues across the basin.
- Focusing science and management actions to sustain natural resources in the context of changing environmental conditions.
- Enhancing collaboration to integrate science and management among Great Basin LCC partners particularly as related to climate change and other landscape-scale change agents.
- Promoting communication and education.



Great Basin LCC Steering Committee

The Great Basin LCC Steering Committee is made up of agencies, non-governmental organizations, tribal and state representatives from the five-state Great Basin region. Since 2011, the Steering Committee has adopted a charter; established issue-based working groups; and partnered with research projects. In 2014, the Great Basin LCC will be reviewing the Central Great Basin and Range Rapid Ecological Assessment and developing Science and Traditional Ecological Knowledge (S-TEK) priorities.



Contacts:

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Bureau of Land Management's Central Great Basin and Range Rapid Eco-regional Assessment (CGBR REA)

The Great Basin LCC is reviewing the CGBR REA and developing a Challenges and Opportunities Report to help identify larger landscape conservation issues and potential solutions that require collaboration across jurisdictions to achieve. The Bureau of Land Management is also looking to the Great Basin LCC's work to help serve as a model for future Rapid Ecoregional Assessments.

- Work Group started in early December
- Engaged the Great Basin Research and Management Partnerships and the Great Basin Cooperative Ecosystems Studies Unit at the University of Nevada, Reno to assist with composing and identifying team members.
- Teams from LCC partners are reviewing and developing recommendations for the report from the following theme areas: Hydrologic function, Biotic Integrity, Soil and site stability, Landscape metrics, and Climate change

Science and Traditional Ecological Knowledge Strategic Plan

In 2014 the Great Basin LCC are developing a Science and Traditional Ecological Knowledge (S-TEK) Strategic Plan to establish science priorities for the LCC. This is a collaborative effort incorporating the expertise and input of a Great Basin LCC Science Working Group and several other key Steering Committee members. The S-TEK Working Group are identifying key scientific priorities through a process that includes Traditional Ecological Knowledge and the development of an implementation plan.

Phase 1

- Review and integration of existing science priorities across the Great Basin.
- A basin-wide "framing forum" will be held in the spring to complete the "long list" of priorities and inform the S-TEK prioritization effort.

Phases 2&3:

- Additional webinars and workshops will be used to screen the long list, develop guiding principles and science priorities.

Great Basin LCC Staff



Coordinator

As Coordinator, Linda Kelly provides leadership to the Great Basin LCC while working with the Steering Committee.

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Science Coordinator

Dr. Todd Hopkins is the Great Basin LCC Science Coordinator. He serves as a science advisor to the Coordinator and Steering Committee and as a peer reviewer for the Northwest and Southwest Climate Science Center proposals.

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Research Landscape Ecologist

Dr. Matthew Germino is working at the US Geological Survey Forest and Rangeland Ecosystem Science Center, to research spatial and temporal patterns of change across Great Basin landscapes, and the biological and physical processes that generate these patterns.

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Photo by: Sarah Swenty

Great Basin LCC Steering Committee Organizations

Bureau of Land Management	Farm Service Agency, USDA	Nevada Department of Wildlife	The Nature Conservancy
California Department of Fish and Wildlife	Great Basin Cooperative Ecosystem Studies Unit	Nevada Mining Association	Upper Snake River Tribe Foundation
Confederated Tribes of the Goshute Reservation	Great Basin Environmental Program	PacifiCorp	US Fish and Wildlife Service
Duckwater Shoshone Tribe	Great Basin Water Network	Paiute Indian Tribe of Utah	US Forest Service
Eastern Nevada Landscape Coalition	Lahontan Audubon Society	Partnership for National Trails	US Geological Survey
	Natural Resources Conservation Service	Public Lands Council	
		State of Utah	