

Great Basin Research and Management Partnership

Nat B. Frazer, Chair
GBRMP Executive Committee



Great Basin Research and Management Partnership

GBRMP Mission

To promote comprehensive and complementary research and management collaborations to sustain ecosystems, resources and communities across the Great Basin



Great Basin Research and Management Partnership

GBRMP Vision

Multi-disciplinary, multi-organizational teams working together to develop solutions to the region's ecological and socio-economic issues using existing management and research frameworks



Great Basin Research and Management Partnership

GBRMP seeks to include all organizations working within the Great Basin:

- Federal Agencies
- State Agencies
- Local Agencies
- Universities
- Tribal Governments
- NGOs
- Other Collaborations (GB Restoration Initiative, GB-CESU, GBEP, etc.)



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Partner Organizations

- Desert Research Institute
- Idaho State University
- Oregon State University
- University of Nevada, Reno
- University of Nevada, Las Vegas
- Utah State University
- Nevada Department of Wildlife
- Utah Department of Natural Resources
- National Aeronautics and Space Administration
- National Park Service
- Natural Resources Conservation Service
- US Fish and Wildlife Service
- US Geological Survey
- USDA Agricultural Research Service
- USDA National Institute of Food and Agriculture
- USDA Forest Service, Region 4 and Rocky Mountain Research Station
- USDI Bureau of Land Management



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GBRMP Goals

- Maximize integration of science and management
- Provide leadership linking science and management
- Expand and facilitate inter-disciplinary, multi-organizational teams
- Commit and leverage limited resources
- Implement communication and information sharing



Great Basin Research and Management Partnership

GBRMP Functions as an Umbrella Organization

- Web-based clearinghouse
- Collaborator's database
- Syntheses
- Workshops & Working Groups
- Mechanisms for leveraging funds



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GBRMP Priority Issues

Chambers, et al. 2008. *Collaborative* management and research in the Great Basin – Examining the issues and developing a framework for moving forward.*

- Urbanization & Changing Land Use
- Public Perceptions of Land Management
- Water Resources
- Energy Development
- Climate Change
- Fire
- Invasive Plants
- Wildlife Disease Concerns
- Insect Outbreaks
- Riparian and Aquatic Ecosystems
- Sagebrush Ecosystems
- Aspen Ecosystems
- Rare and Vulnerable Species

*RMRS-GTR-204. USDA Forest Service, Rocky Mountain Research Station, Fort Collins, Colorado.



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GBRMP Priority Issues - Condensed

Chambers & Wisdom 2009. Priority Research and Management Issues for the Imperiled Great Basin of the Western United States. *Restoration Ecology* 17(5):707-714.

- Urban, Suburban and Exurban Growth
- Land Use Change
- Climate Change
- Nonnative Invasive Species
- Altered Fire Regimes



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Great Basin Information & Management Needs

Chambers & Wisdom 2009. Priority Research and Management Issues for the Imperiled Great Basin of the Western United States. *Restoration Ecology* 17(5):707-714.

- Science-based Information
- Large-Scale Monitoring
- Prediction and Modeling
- Management Tools
 - Standardized spatial coverages across administrative boundaries
 - Decision support systems
- Greater Collaboration
 - Research
 - Management
 - Policy Planning



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GBRMP Executive Committee

- Michael Auerbach DRI
- Don Banks BLM
- Terry Bowyer Idaho State
- David Bubenheim NASA
Ames Research Center
- Jeffery Burwell USDA-NRCS
- James Dobrowolski USDA-
NIFA
- Nat Frazer (Chair) Utah State
- Andrew Hammond USDA-
ARS-PWA
- Rich Holdren Oregon State
- Rang Narayanan UNR
- Douglas Neighbor (Co-Chair)
NPS
- Rory Reynolds Utah DNR
- Frank Roth USDA Forest
Service
- Stanley Smith UNLV
- Steve Warren USDA Forest
Service - RMRS
- Bob D. Williams USFWS



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GBRMP Coordinating Committee

- Jeanne Chambers (Co-Chair)
USDA Forest Service
- Stuart Hardegree (Co-Chair)
USDA /ARS
- Bob Alverts Science and
Mgmt Consultant
- Steve Caicco USFWS
- Paul Doescher Oregon State
- Angie Evenden NPS
- Matt Germino Idaho State
- Mike Pellant BLM
- Sue Phillips USGS
- Kurt Pregitzer UNR
- Dave Pulliam Nevada Wildlife
- Randy Sharp USDA Forest
Service
- Paul Verburg DRI



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GBRMP Website Core Team

- Sean Finn USGS
- Linda Schueck USGS
- Tom Zarriello USGS
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ExecCom/CoordCom Liaison

- Jim MacMahon Utah State
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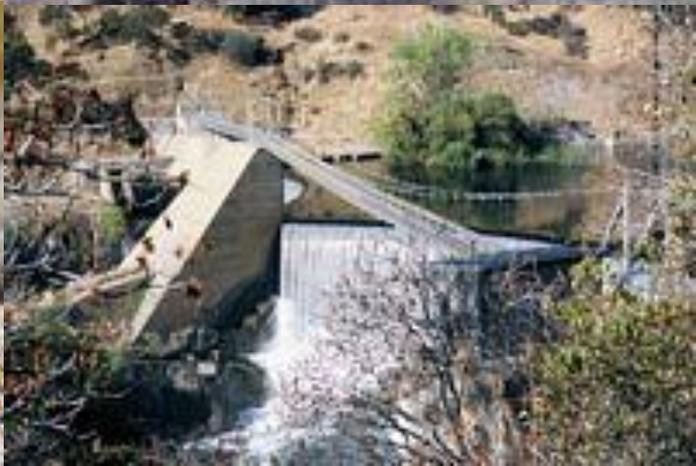
- Research-management partnership
 - Federal Agencies
 - State Agencies
 - Tribal Governments
 - NGOs
 - Universities
- Provide leadership linking science and management
- Facilitate inter-disciplinary, multi-organizational teams
- Implement communication and information sharing to enhance problem-solving
- Leverage limited resources, minimize duplication & pursue shared goals

GB-LCC?

- Conservation–science partnership
 - Federal Agencies
 - State Agencies
 - Tribal Governments
 - NGOs
 - Universities
- Provide scientific and technical support
- Help partners identify common goals and priorities
- Support planning and conservation design
- Prioritize and coordinate research



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**Please join our
Experts Data Base**

**<http://greatbasin.wr.usgs.gov/gbrmp/>
[Google GBRMP]**