

Connecting Scientists and Managers: Lessons from the Great Basin Fire Science Exchange



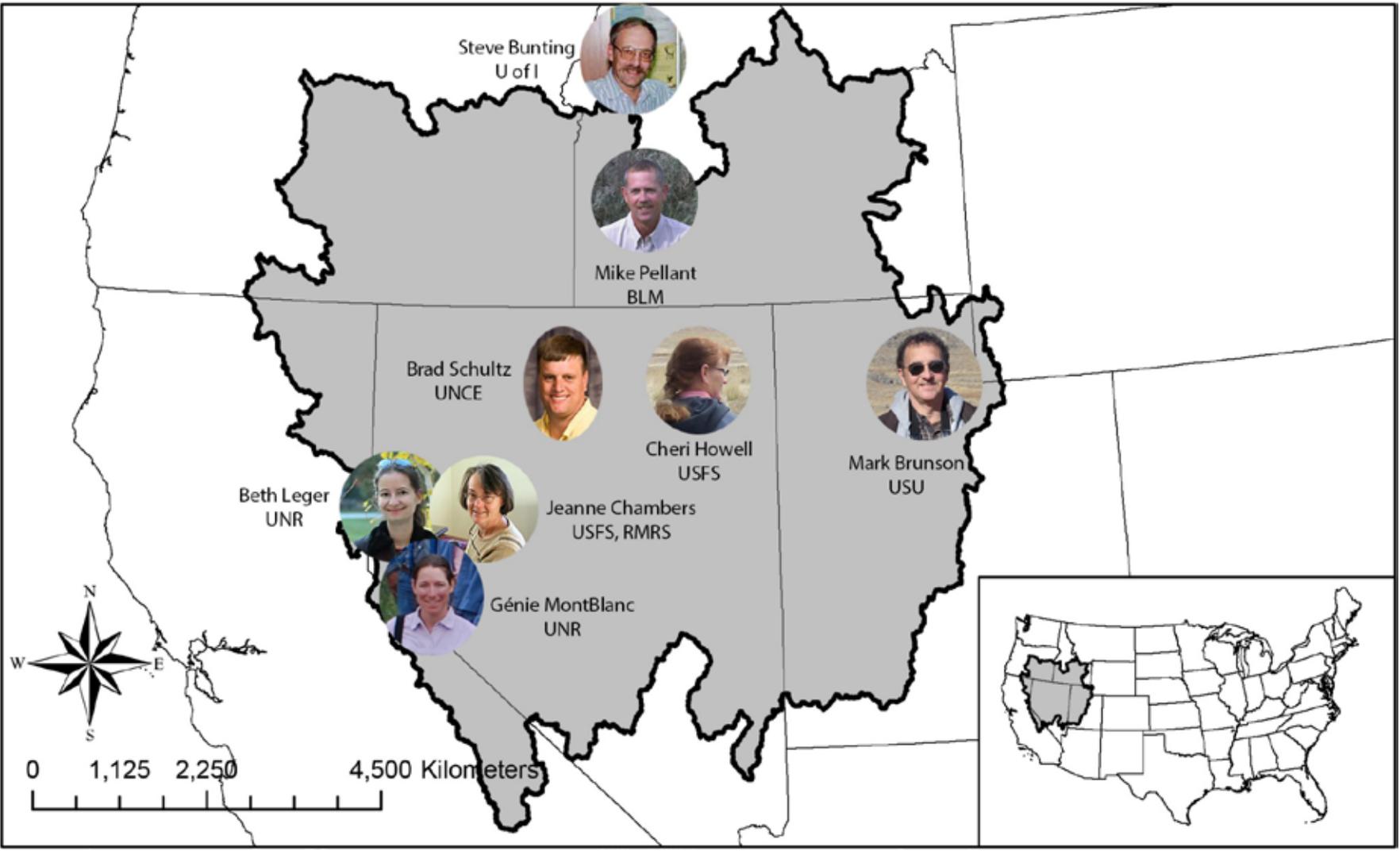
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6 November 2014

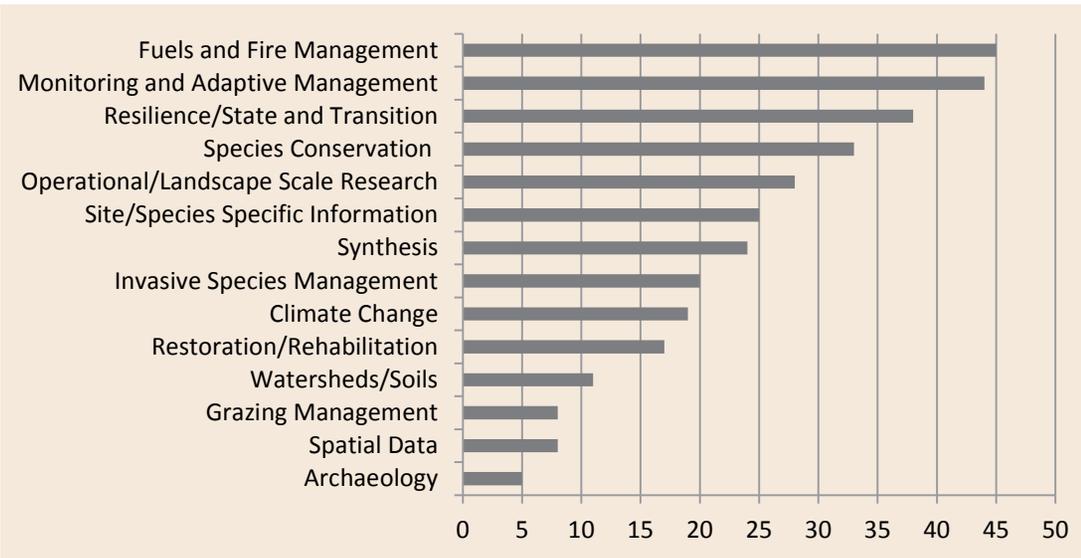


The Joint Fire Science Program Fire Science Exchange Network



Steering Committee:



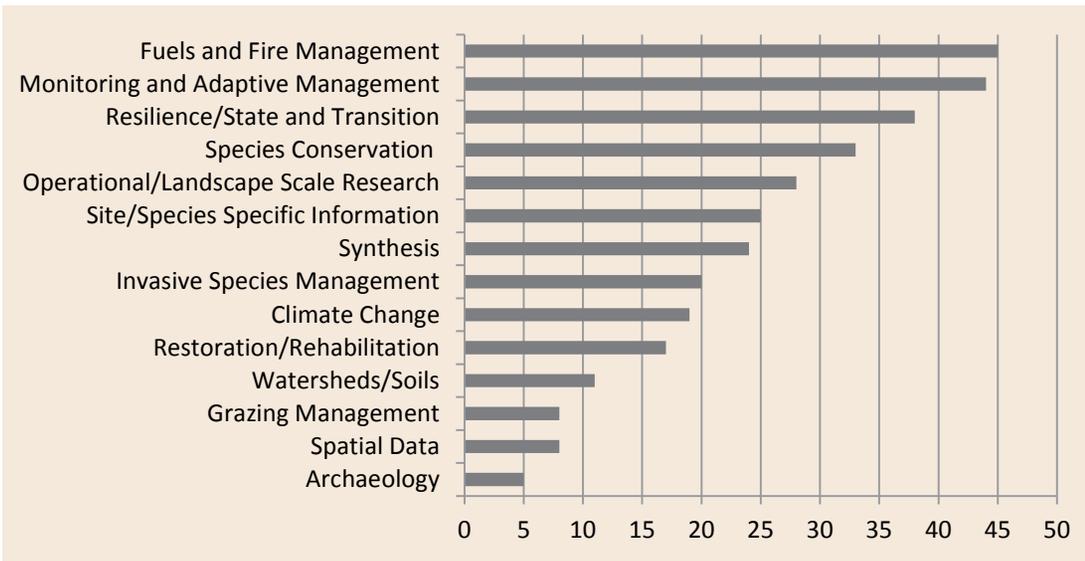


Eleven focus groups were conducted across the Great Basin from 2009-2010: BLM (64), USFS (27), NPS (10), Tribes (4), FWS (2), IDL (2), BIA (1), and USGS (1). Of these 111 participants, 77 were technical specialists and 34 were line managers.

Technical needs

Desired delivery modes





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Technical needs

Desired delivery modes



Syntheses and Field Guides

Field Workshops



Online Classes



Section 1: The Great Basin Region

The geographic boundaries of the Great Basin extend from the southwest and west-southwest regions of the Colorado River Basin and Snake River Plain to the north to the northern boundary of the Central Basin and Range in Nevada and Utah (Fig. 1). From west to east, in clockwise from the west slopes of the Sierra and Cascade mountains in California, Oregon, and Washington to the west slopes of the Sierrita Mountains in Utah. The region contains approximately 200,000 and 220,000 km² of the unincorporated Intermountain West and encompasses the Central Basin and Range, Northern Basin and Range, Columbia Basin, Snake River Plain, and Blue Mountains ecoregions (U.S. Environmental Protection Agency 2011). The synthesis includes the following sub-sections of the synthesis and synthesis: Great Basin, Snake River Plain, and Columbia Basin (2010-17); West (1980s) and 13 Major Land Resource Areas, (2010-17) and primary for the western U.S. (2010-17) (Table 1). Fig. 1) and various other synthesis: Washington, eastern Oregon, northeastern California, western Idaho, the northern two-thirds of Nevada, and the



Figure 1. This synthesis covers the entire Great Basin and includes sub-sections within the management of the Central Basin and Range of the Northern Basin and Range (NB), Columbia Basin of the Snake River Plain (SRP), Snake River Plain (SRP), Eastern Columbia Basin and northern SRP, and Snake River Plain (SRP) (Table 1).

Webinars



Originally aired: Wednesday, April 24th, 2013
Run time: 40:48
Download: .wmv file for Windows Media Player (308 Mb)
Materials:
Powerpoint Presentation (2.82 Mb pdf)
Webinar Brief (399 Kb pdf)



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Welcome to the Great Basin Fire Science Delivery web site

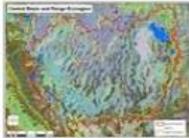
Porter Canyon Experimental Watershed Tour-Aug 20th

Come see what is new and ongoing at the Porter Canyon Experimental Watershed located on Smith Creek Ranch in the beautiful Desatoya Mountains. Join researchers from the Agricultural Research Service and the Desert Research Institute to discuss piñon and juniper water use, sagebrush water use, and watershed-scale modeling. Five years of pre-treatment data have been collected and the trees are going to start coming down this fall. Register by August 1st. View details [here](#).

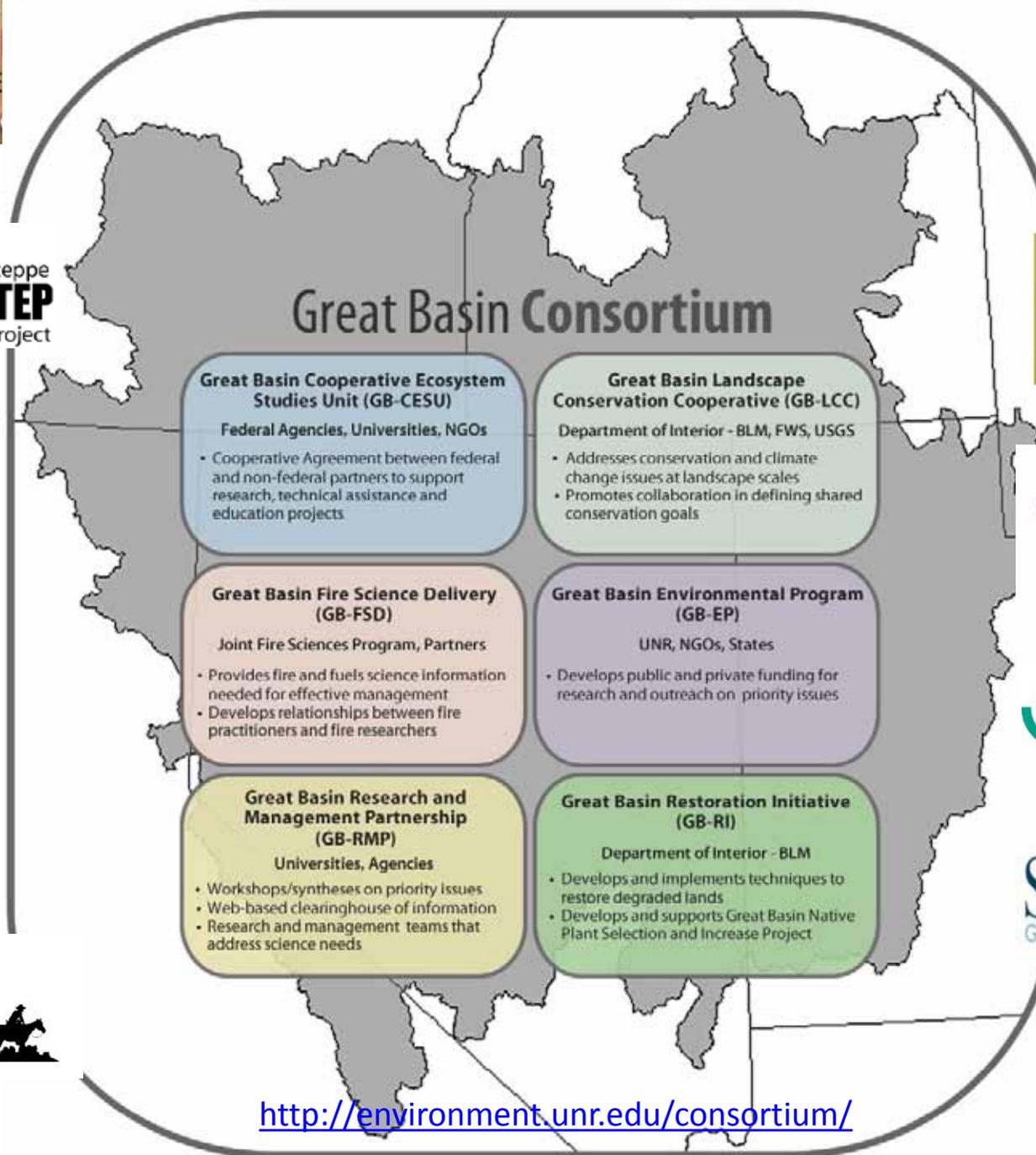


Porter Canyon Experimental Watershed. Photo courtesy of Tamzen Stringham.

Great Basin Fire Science Delivery is dedicated to linking managers and scientists to improve pre- and post-fire management decisions in the Great Basin. Investigate the following topics to find syntheses, workshops, webinars, and much more!

 <p>Climate and Fire</p>	 <p>Fire Ecology and Effects</p> <ul style="list-style-type: none"> Erosion Native Plants Soils Water Weeds Wildlife
 <p>Fuels Management</p> <ul style="list-style-type: none"> Mechanical Chemical Biological Prescribed fire Grazing Seeding 	 <p>Landscape Assessment and Prioritization</p>
 <p>Post-fire Management</p> <ul style="list-style-type: none"> Grazing Stabilization Seeding Rehabilitation 	 <p>Restoration</p>

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Successes with Science Exchange:

- Scientists more accessible
- Science more accessible
- Increased science dialogue between research and management
- Increased science application communication between stakeholders
- Leverage existing resources with partners



Challenges with Science Exchange:

- Institutional differences can make collaboration challenging
 - Language: restoration vs. rehabilitation
 - Combining management projects with research design needs: data collection, timing, repeatability
- Reaching all stakeholders
- Personnel and funding for projects



Positive Feedback:

- “We did this webinar as a group in Burns. We are drawing between 10 and 15 people for the webinars and doing them as a group. It is actually interesting because it is generating discussion within the district after the presentations.”
- “You are doing a good job of connecting management and science and I really appreciate it. Keep up the good work!”
- “I was recently looking for some webinars to add to one of my classes and found the Great Basin site the easiest to navigate and one of the only with the webinars up and available at any time!”
- “Your project is a great resource. Thanks!”



Thank you!

Please contact us with any questions:
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