

SAVE THE DATE

SUMMER FIELD TOUR



Restoring and Conserving Great Basin Ecosystems

July 11 and 12, 2017 – Austin, Nevada

Tues 11th: Watersheds, Riparian Ecosystems, and Meadows. We will revisit our long-term research sites and discuss the geomorphic and hydrologic controls on these ecosystems and their influence on vegetation dynamics. We will discuss a new collaborative effort that builds on our existing work to develop a multi-scale resilience-based framework for restoring and conserving Great Basin wet meadows and riparian ecosystems. We will discuss management strategies for watersheds and meadows with differing resilience. Tour leaders are Jeanne Chambers (USFS Rocky Mountain Research Station), Jerry Miller (Western Carolina University), and Peter Weisberg (University of Nevada, Reno).

Wed 12th: Sagebrush Ecosystems: Pinyon and Juniper expansion, Cheatgrass Invasion, and Fire. We will visit our long-term Pinyon and Juniper Demonstration area and discuss the factors that affect resilience to both wildfire and prescribed fire. We will discuss our recent Joint Fire Science and National Fire Plan sponsored work on: (1) the longer-term response of sagebrush ecosystems that have experienced recent pinyon and juniper expansion to fire; (2) resistance of sagebrush ecosystems to invasion by cheatgrass; and (3) factors that influence sagebrush recruitment. We will describe how this work is used to develop management strategies to conserve sagebrush ecosystems and Greater sage-grouse habitat. Tour leaders are Peter Weisberg and Jeanne Chambers.

Detailed information on the field tour and a tentative agenda are here:

<https://drive.google.com/drive/folders/0B2-0g66OV6cudC15UzZFazhwa0E?usp=sharing>

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