

Success Stories

The Great Basin Fire Science Exchange brings professionals together to improve outcomes



Current Science Applied:

Decision support for post-fire management in the Great Basin

The Great Basin Fire Science Exchange (GBFSE) and its partners synthesize and transform the best available science into decision-making tools for immediate application and use by regional land managers.

This example features development of a post-fire assessment field guide to aid treatment and management planning in burned areas.

- » The Field Guide for Rapid Assessment of Post-Wildfire Recovery Potential in Sagebrush and Pinon-Juniper Ecosystems in the Great Basin was field tested and incorporated land manager input before being finalized.
- » Field workshops led by authors of the Guide walked land managers through its content, applications, and potential use.
- » The Guide was used in post-fire planning following the 2015 Soda Fire, which burned nearly 280,000 acres of sage-grouse habitat, 41 grazing allotments, three wild horse management areas, and recreation areas in Idaho and Oregon.
- » The Guide was used to evaluate natural post-fire recovery potential and prioritize restoration treatments in the Soda Fire emergency stabilization and rehabilitation effort.
- » These types of products and events are the cornerstone of the GBFSE and successful fire management in the Great Basin.

"I learned more from this event about how I should be managing sage than I would have after months of picking through the literature"

"Wish there were more events like this where researchers crossed paths with managers"

"This is the kind of training we need. When is the next level one?" -- *Manager attendees of post-fire field assessment workshops*

The Great Basin Fire Science Exchange accelerates the awareness, understanding, adoption, and implementation of readily available wildland fire science throughout the Great Basin region by providing a forum for managers, scientists, policy makers, and the public to interact and share science. The GBFSE is part of the Joint Fire Science Program Fire Science Exchange Network, a national collaboration of 15 regional fire science exchanges. Learn more about the JFSP at firescience.gov.

Access the guide here: fs.fed.us/rm/pubs/rmrs_gtr338.pdf

Learn more about our partners, products, and activities at GreatBasinFireScience.org