Success Stories

Tools and Capacity to Reach a Broader Fire Community

GREAT BASIN FIRE SCIENCE EXCHANGE

FIRESCIENCE.GOV
Research Supporting Sound Decisions

When a science need falls outside of your expertise and capacity, make a call to your friendly fire science exchange

"This is the document that I need to write effective prescriptions using best available science and practices."

"The series was very informative and provided great management data and insight for us to apply on the ground."

-Anonymous USGS Webinar Series Attendees

- The Department of Interior's land management (Bureau of Land Management, BLM) and research (US Geological Survey, USGS) agencies both work to address land and fire management needs and federal priorities.

- Annually, the USGS provides updates to the BLM that highlight new findings as they relate to land management research priorities and related tools.

- Until 2025, USGS provided these updates through a series of agency webinars that, while highly popular learning opportunities, were not accessible to the broader management, practitioner, and stakeholder base, and included no follow-up summarization.

- The USGS enlisted the services of the Great Basin Fire Science Exchange for advertising, delivery, archiving, and evaluation of the webinar series.

The Great Basin Fire Science Exchange (GBFSE) accelerates the awareness, understanding, adoption, and implementation of wildland fire science throughout the region by providing a platform and forum for managers, scientists, policy makers, and stakeholders to interact and learn.

USGS
science for a changing world

U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Read the story...

USGS and the GBFSE teamed up to deliver sagebrush ecosystem and fire science research updates. This was done through a five-part webinar series in early 2025. The series included presentations on fire, fuels management, pinyon-juniper, invasive species, restoration effectiveness, sage-grouse, carbon, and big game.

Webinars were attended live by 832 participants. Most participants represented state land management agencies, USGS researchers, and the BLM but were also attended by members of private industry, universities, non-government, tribal, county, and other federal organizations including the Agricultural Research Service, Bureau of Reclamation, Department of Defense, Department of Energy, National Park Service, Natural Resources Conservation Service, Forest Service, and Fish and Wildlife Service.

Figure and published resources described and highlighted in Douglas Shinneman's (USGS) webinar on: [A Collaborative and Iterative Framework for Delivering Fuel Break Science](#)

All webinars were recorded and have been viewed 449 times. Live attendance numbers surpassed previous years, and all recorded views represent increased participation since webinar recordings were previously unavailable.

Sagebrush ecosystem and rangeland fire science webinars remain viewable on the [GBFSE website](#) and its [YouTube channel](#). All recordings also include accurate transcripts for accessibility.

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More than 70% of webinar survey respondents indicated that the information presented would likely change or support their current approaches to fire, fuels, and vegetation management for nearly all webinars in the series.
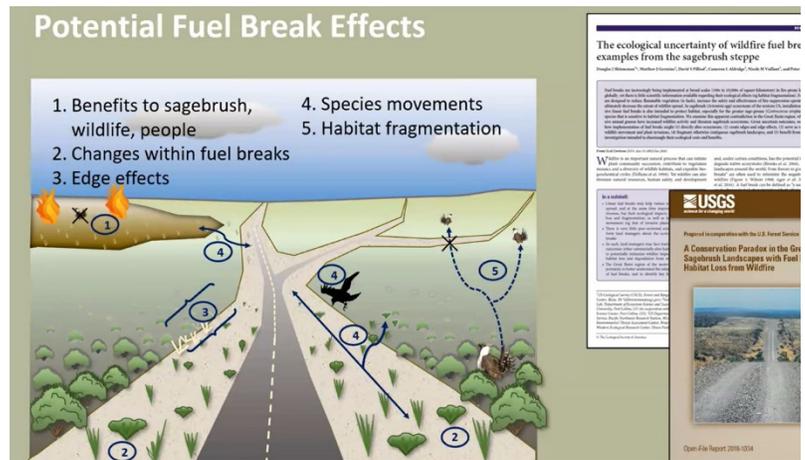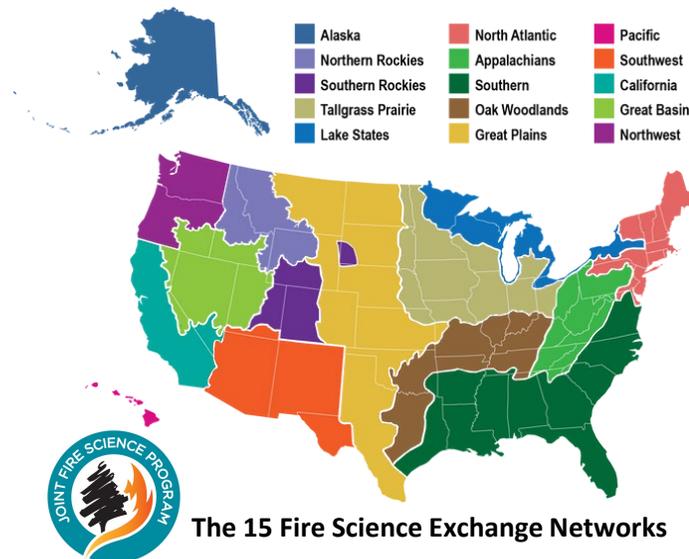

The 15 Fire Science Exchange Networks

The GBFSE is part of the Joint Fire Science Program (JFSP) Fire Science Exchange Network, a national collaboration of 15 regional fire science exchanges. Learn more at [firescience.gov](#).