



# Fighting Wildfire

in the Great Basin depends on access to the best information



Wildfires are increasing in size and frequency in the western US. To protect lives, infrastructure, livelihoods, and natural areas in this new era of extreme wildfire conditions, firefighters and land managers need access to the **best available science**.

## How do fire & land managers get information they need?



The **Great Basin Fire Science Exchange** is one of 15 fire science information providers federally funded by the **Joint Fire Science Program (JFSP)**.

We bridge science to action by connecting and sharing applicable science solutions.

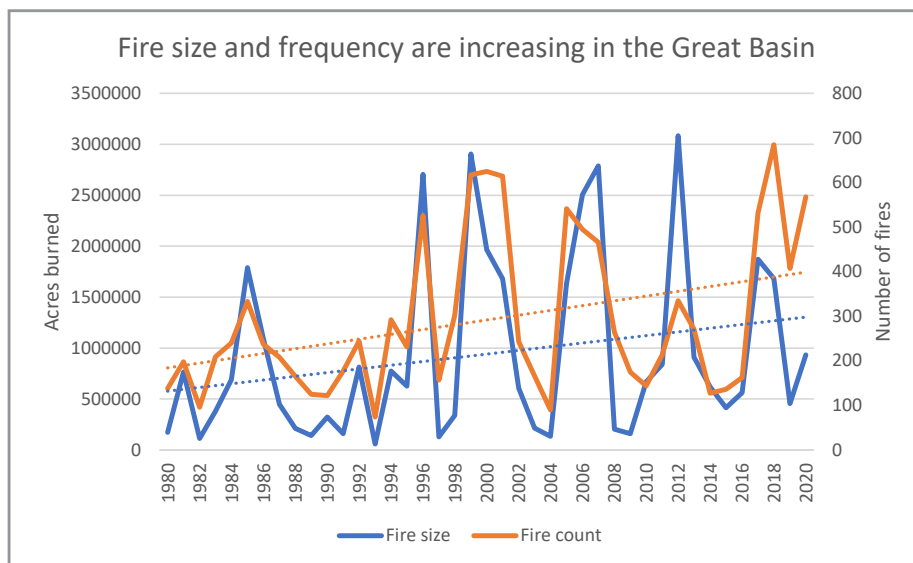
*The need for continued fire learning and adaptation is great and only increasing.*



Conversion of sagebrush grasslands (top) to cheatgrass (bottom) fuels large frequent fires in the Great Basin.

## Determining and addressing science needs

- Managers and practitioners identify science and technology needs in the field.
- Agencies and academic institutions conduct research to address these needs.
- JFSP orchestrates these collaborative efforts to improve decision making around management of fuels, fire, and the post-fire environment.



## The Great Basin Fire Science Exchange



Provides a venue for land managers to discuss and elevate management concerns



Compiles technical and scientific information to address managers' questions



Packages information in formats that are easy to access and understand



Assists with ongoing communication between researchers and managers

**GreatBasinFireScience.org**

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