Hands-on Fire Science Methods Workshop

April 6-11, 2025

TRAINING IN FIRE SCIENCE AND FIRE MANAGEMENT

🔥 Who

The workshop is designed for graduate students conducting research in fire adapted natural communities, as well as early-career professionals in research or management positions. The selection for this workshop will prioritize people working in tallgrass prairie and oak savanna ecosystems.

🔥 What

The core science curriculum covers standard methods in connecting fuels, weather, and fire behavior to fire effects in grassland ecosystems. Methods are focused on collecting data up to and including the point of combustion:

- Destructive and non-destructive sampling to estimate fuel load in grassland vegetation
- Sampling to estimate live fuel moisture
- Logging data to record air temperature, windspeed, and relative humidity on the fireline
- Using thermocouples and data loggers to sample fire temperature and rate of spread within the burned area

🔥 Where

Dunn Ranch Prairie Preserve. Located in northwest Missouri - easily accessible by I-35, and a short drive from the Kansas City airport. Fuel types include grazed and ungrazed tallgrass prairie and oak savannas.

To apply, follow link below or scan QR code
https://forms.office.com/r/PhThxXtXkf