



**CONSORTIUM OF
APPALACHIAN FIRE
MANAGERS & SCIENTISTS**

CAFMS Mission

To facilitate a flow of information about fire science and research needs among managers and scientists in the Appalachian Region.

Fire Science Exchange Network



www.Appalachianfire.org



The Fire Learning Trail

PROTECTING OUR HOMES AND FORESTS

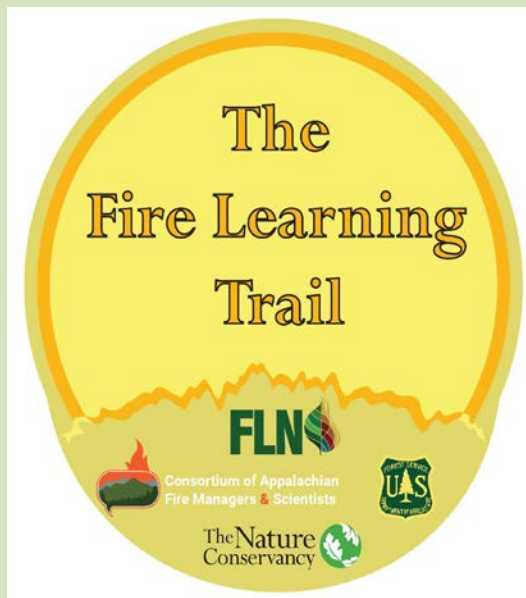
Wildland firefighters have a tough and exciting job. If a wildfire starts in the forest it is their job to keep your home and everyone safe.

To prevent wildfires from happening, firefighters use controlled burns to manage fire on their terms. As the saying goes, "sometimes you have to fight fire with fire."

Many organizations are worked together to plan a 33-acre burn (shown in the map). While controlled burns are planned months in advance, they are never performed unless there are ideal weather and forest conditions. Their purpose is to reduce forest fuel like dry leaves and branches to reduce wildfire risk and support public safety.



Controlled burn experts are extensively trained and have years of experience in protecting the surrounding communities.



WILDFIRE ON THE MOUNTAIN

On November 9, 2016 sparks from a campfire escaped and started a wildfire on Pinnacle Mountain. The fire burned for 26 days and spread over 10,000 acres including the mountain top and valley that you see below.

Researchers are now studying this fire to find out more about how it spread and effects it will have on the forest. We know that drought conditions and a buildup of dead tree limbs and dry leaves made this fire more severe. To prevent that buildup and unplanned fires from happening again, our wildland firefighters are planning controlled burns under ideal conditions to safely reduce fuels.



Thanks to the hard work and dedication of wildland firefighters, no homes or lives were lost. The firefighting efforts cost over \$5 million and involved helicopters, bulldozers and trained wildland firefighters working around the clock.







United States Department of Agriculture

Fire History of the Appalachian Region:

A REVIEW AND SYNTHESIS

Charles W. Lafon, Adam T. Naito, Henri D. Grissino-Mayer,
Sally P. Horn, and Thomas A. Waldrop



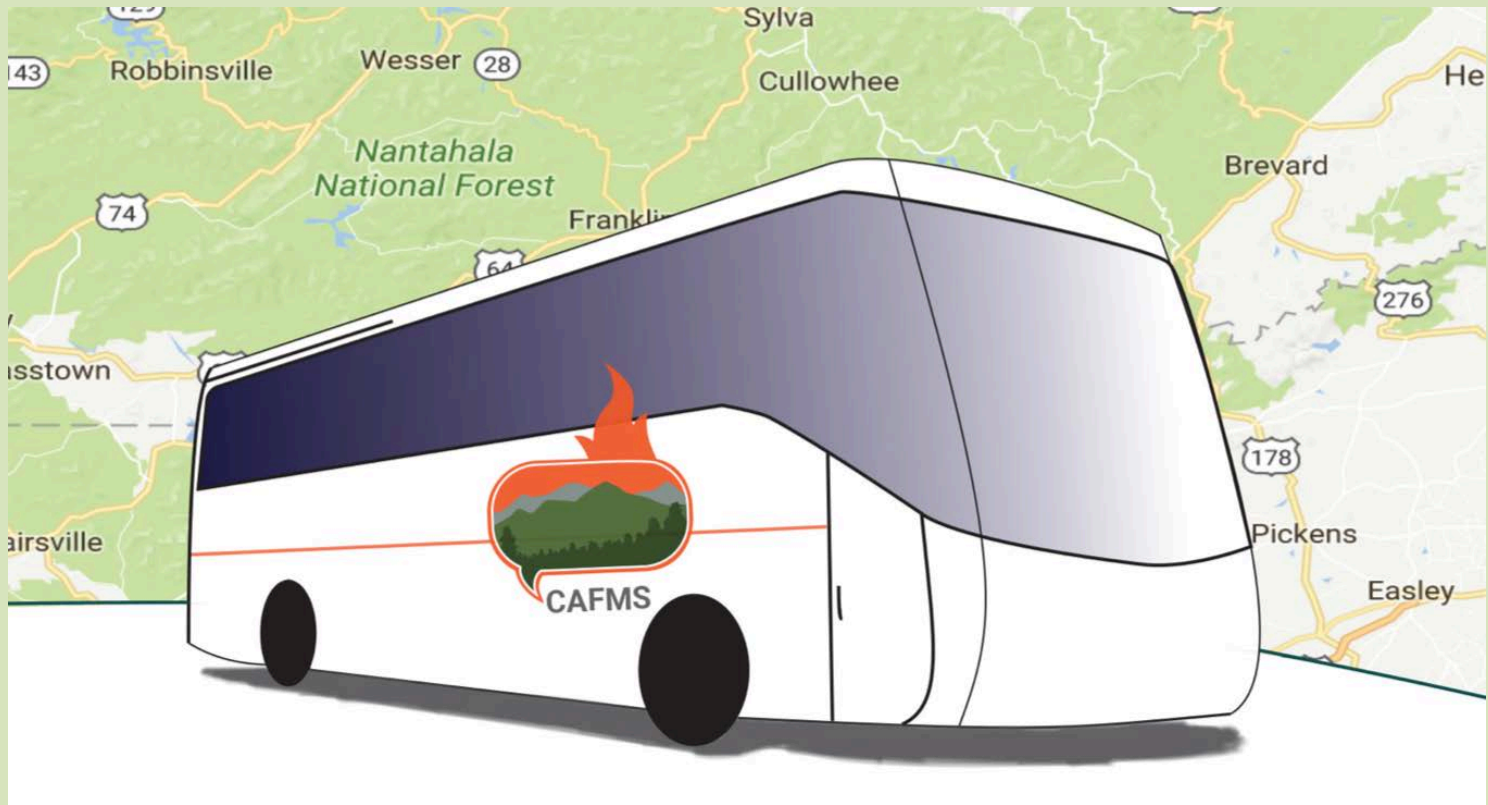
Forest Service
Southern Research Station
General Technical Report SRS-219
January 2017

SBR FLN Monitoring Plots and Fire Severity Index Measurements



Road Trip

June 6-8



Upcoming Webinars

- **June 13th 2:00p.m. Central** – Fire History in the Appalachian Region, Charles Lafon – Texas A&M
- **June 9th 1:00p.m. Eastern** – Fire Learning Trail – Jen Buntz - CAFMS
- **July** – Fire History Research in PA, Michael Stambaugh – University of Missouri



Prescribed Fire Training Exchanges - TREX

“Created in 2008 to ease bottlenecks in training the prescribed fire workforce, these training events have since been adapted to meet a number of essential needs.”



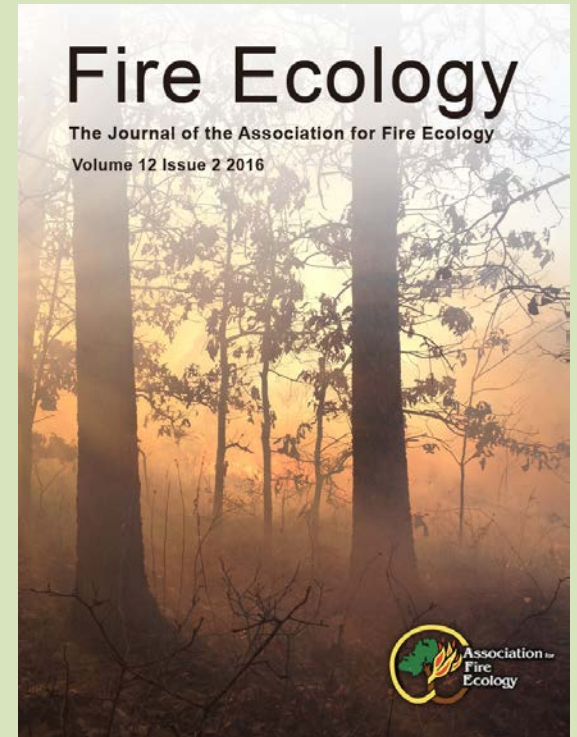
Southern Appalachian TREX – Fall 2018

- Based in somewhere in SC, NC or GA within the Southern Blue Ridge FLN
- Burning will occur on agency lands
- It will run 14 days (there is a 7 day option)



6th Fire in Eastern Oak Forests Conference

- Hosted by CAFMS, Oak Woodlands Consortium and PA Prescribed Fire Council
- Location – PA
- Dates – Fall of 2018



JFSP Regional Needs Research Project

Community and Ecosystem Level Effects of Growing vs. Dormant Season Burning in the Southern Appalachians

“Growing season fires are not extensively used in the Appalachian Mountains,” Hagan said. “Land managers in the southern Appalachians have expressed interest in expanding their burning programs to include growing season fires, but information is limited on how to effectively do so.”

Clemson team studies best times for prescribed burning in Appalachians

NEWS, TOP STORIES

By Denise Attaway - For The Sentinel-Progress



CLEMSON — Prescribed fires are beneficial for forests, but a group of Clemson researchers is wondering just when these fires should be used in the southern Appalachian Mountains.

Emily Oakman, a first year master's student in the Clemson forestry program, is studying how to provide information related to prescribed burning to produce desired effects

We need your help!

As you might know, we are part of a larger network known as the Joint Fire Science Program Fire Science Exchange Network. Every couple of years we administer a survey of our activities with the help of the University of Nevada- Reno.



We want your input on how we are doing.

What can we improve on?

Is there something we do well that you want to see more of?
Please take a few minutes to follow the link below and fill out the survey.

<https://www.surveymonkey.com/r/JFSP2017Evaluation>

THANKS! Your answers will help us plan events and create products that serve users like you!



Consortium of Appalachian Fire Managers & Scientists

How to Reach CAFMS

- www.appalachianfire.org
- Twitter: @APfirescience
- Facebook
- helen@cafms.org

