

# CAFMS Newsletter



May 17, 2013

Volume 3 Issue 1



## Registration Open

This conference is designed for anyone with an interest in wildland fire in the Appalachian Region. It promises to be unique in its approach to sharing information. First, it is a conference about wildland fire in the Appalachians that is held in the Appalachians. Second, and equally unique, is that the conference is not a research symposium and it is not a managers meeting; it is both. The objective of the Consortium of Appalachian Fire Managers and Scientists and the Association for Fire Ecology is for fire managers and researchers to learn from each other so they can better understand problems specific to the highly diverse Appalachian Mountains and to work together to solve those problems.

The conference includes three concurrent mini-conferences. Over 40 invited speakers will discuss research updates and management experiences. Researchers will discuss plant and wildlife ecology, fire history, invasives, season of burning, and other topics. Managers will share experiences on how to apply fire to the landscape, how to work with media and the general public, and updates to fire management tools such as smoke prediction models, LANDFIRE, FRCC, and IFT-DSS. A highlight will be success stories for programs such as the Fire Learning Network, state Prescribed Fire Councils, and interagency cooperation. A field trip on the third day will share manager's experiences and applying research results on the ground.

Register early for a discounted fee. We anticipate a capacity audience at the Roanoke Conference Center and look forward to seeing you there.

The Shortleaf Pine Initiative will be holding a free, one-day workshop on October 11, following the conference. It will be held at the same location at the conference, Hotel Roanoke. Time TBD. Detailed information will be posted to [www.shortleafpine.org](http://www.shortleafpine.org) as finalized. Questions can be addressed to [info@shortleafpine.net](mailto:info@shortleafpine.net).

# Call for Posters

**Deadline June 28, 2013**

The Consortium of Appalachian Fire Managers and Scientists along with the Association for Fire Ecology is hosting a conference October 8-10, 2013 in Roanoke Virginia. Over 40 invited speakers will discuss topics of concern to managers and researchers dealing with wildland fire in the Appalachian Mountains. Speakers will engage problems and solutions of manager/researcher communication and expectations. There will be no openings for volunteer oral presentations.

The program committee is requesting abstracts for posters on any topic related to wildland fire in the Appalachian region. Poster topics can be based on completed or ongoing research or they can describe management experiences. Abstract submissions will be judged by the Program Committee and notification of acceptance will be in mid-July. Space for posters is very limited. Authors will be asked to be present at their poster at a specified time for audience questions. A full length paper or extended abstract will be printed in the conference proceedings. Please submit as abstract describing the work to be shown on your poster. Abstracts can be submitted online at <http://appfireconference.org/>. Please carefully follow the instructions on the web page. Accepted abstracts will be printed in the conference program.

### HOBO Thermocouple Data Loggers: Useful Applications for Prescribed Fire Research

Lucy Brudnak, Thomas A. Waldrop, Ross J. Phillips  
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**Abstract**  
A novel application is presented for Hobo thermocouple data loggers in prescribed fire research. The loggers were used to monitor temperature profiles in the soil and in the canopy during prescribed fires in the Southern Piedmont region of the Southeastern United States. The loggers were used to monitor temperature profiles in the soil and in the canopy during prescribed fires in the Southern Piedmont region of the Southeastern United States. The loggers were used to monitor temperature profiles in the soil and in the canopy during prescribed fires in the Southern Piedmont region of the Southeastern United States.

**Introduction**  
The objective of this study was to evaluate the use of Hobo thermocouple data loggers in prescribed fire research. The loggers were used to monitor temperature profiles in the soil and in the canopy during prescribed fires in the Southern Piedmont region of the Southeastern United States. The loggers were used to monitor temperature profiles in the soil and in the canopy during prescribed fires in the Southern Piedmont region of the Southeastern United States.

**Study Sites**  
The study was conducted at two sites in the Southern Piedmont region of the Southeastern United States. The sites were selected based on their location and their fire history. The loggers were used to monitor temperature profiles in the soil and in the canopy during prescribed fires in the Southern Piedmont region of the Southeastern United States.

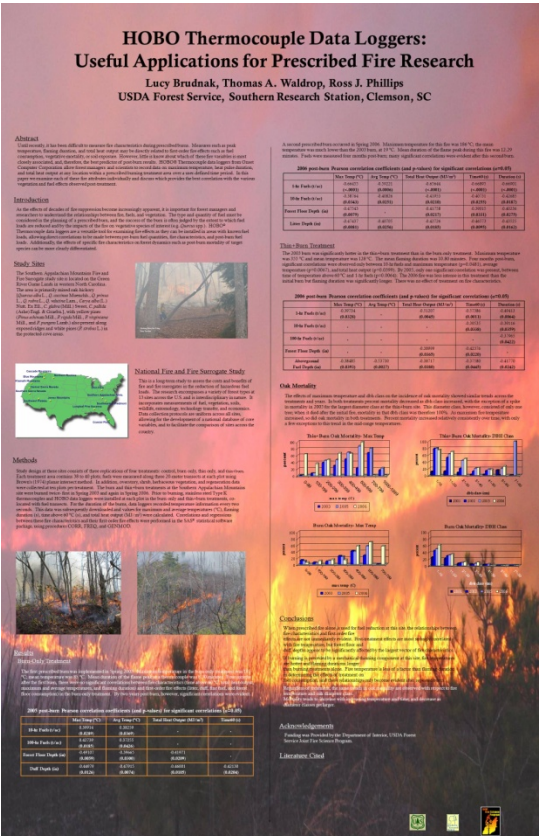
**Methods**  
The loggers were used to monitor temperature profiles in the soil and in the canopy during prescribed fires in the Southern Piedmont region of the Southeastern United States. The loggers were used to monitor temperature profiles in the soil and in the canopy during prescribed fires in the Southern Piedmont region of the Southeastern United States.

**Results and Discussion**  
The loggers were used to monitor temperature profiles in the soil and in the canopy during prescribed fires in the Southern Piedmont region of the Southeastern United States. The loggers were used to monitor temperature profiles in the soil and in the canopy during prescribed fires in the Southern Piedmont region of the Southeastern United States.

**Conclusions**  
The loggers were used to monitor temperature profiles in the soil and in the canopy during prescribed fires in the Southern Piedmont region of the Southeastern United States. The loggers were used to monitor temperature profiles in the soil and in the canopy during prescribed fires in the Southern Piedmont region of the Southeastern United States.

**Acknowledgments**  
The authors would like to thank the following individuals for their assistance in this project: [Names]

**Literature Cited**  
[List of references]



## Prescribed Fire and Indiana Bats Workshop

Many thanks to all who attended this workshop it was a great success. We are in the process of putting many of the presentations and associated publications on our web site. There are a few items posted now and we will continue to add to those over the next couple of weeks. To see a nice summary of the workshop visit

<http://www.srs.fs.usda.gov/compass/2013/04/30/indiana-bats-and-prescribed-fire/>.



# Bent Creek and Fire Research - Looking for Answers

Check out a recent article about the work going on at Bent Creek Experimental Forest.

Fire Research: A Hot Topic

Bent Creek researchers study the effects of fire on upland hardwood forests and wildlife

<http://www.srs.fs.usda.gov/compass/2013/05/14/fire-research-a-hot-topic/>

## How Are We Doing?

We invite you to participate in the continuing evaluation of our Joint Fire Science Knowledge Exchange Program. We are interested in knowing your opinions and experiences with us. This project is based out of the University of Nevada, Reno and includes all of the **JFSP** consortia around the country. Your responses will be used to help us address your fire science information needs and ultimately enhance our fire science delivery.

The survey will take approximately 10 to 15 minutes to complete. Some of you may have completed a survey like this for us in the past. We appreciate that and ask that you continue to participate so that we can meet your needs and our goals. Your participation in this study is voluntary, and all of your responses will remain completely confidential. Please click on the following link or copy and paste the link into your web browser

<http://www.surveymonkey.com/s/FVWQFJD>

### Communicate With Us!



Find us on twitter @APfirescience or find us on Facebook by searching Consortium of Appalachian Fire Managers and Scientists.

### Join CAFMS:

The consortium is for all land managers and researchers in the region who deal with any aspect of fire. To join, simply provide us with some contact information at the web site listed below.

<https://spreadsheets.google.com/viewform?formkey=dDNiUnFrYzNNVU00dkxka1hKM2p0cFE6MQ>

[www.CAFMS.org](http://www.CAFMS.org)

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