

# National Workshop on Climate & Forests:

Planning Tools and Perspectives on  
Adaptation and Mitigation Options

Northern Arizona University

May 16-18, 2011 • Flagstaff, Arizona

**Sponsored by:**

USDA Forest Service

University of Arizona

Northern Arizona University

Society of American Foresters

Arizona Cooperative Extension

USDA National Institute of Food and Agriculture

Association of Natural Resource Extension Professionals

*Image by Tom DeGomez — San Francisco Peaks*

# RESISTANCE • RESILIENCE • RESPONSE

Join leading scientists, foresters, and educators to learn and discuss what needs to be done today to manage tomorrow's forests. Participate in regionally themed breakouts to discuss the implementation of adaptation and mitigation options and share your accomplishments at the poster session. For a complete detailed agenda, please visit, <http://www.safnet.org/natworkshop11/index.cfm>

## **Purpose:**

To extend greater understanding of the current adaptation and mitigation options (Resistance, Resilience, Response, Realignment and Reduction, or the 5-Rs) for forest management; to make state-of-the-art climatic and ecological planning tools accessible and useful for decision makers, forest resource managers and extension educators at all levels; to explore how to make these options and tools better utilized by the various forest resource managers and extension educators across the country; and to foster understanding of where scientific research and practitioners' expectations intersect to generate the best management decisions.

## **Monday, May 16: Travel Day and Tour Day**

### **Optional Afternoon Field Trip**

Fort Valley Experimental Forest and San Francisco Peaks area will feature climate related impacts and local speakers.

- Four Forests Restoration Initiative (Bruce Greco)
- Ponderosa Pine Ecosystem Restoration (Pete Fulé)
- Aspen Decline (Marylou Fairweather)
- Wildfire (Andrea Thode)
- Pinyon Bark Beetle Mortality (Joel McMillan)

## **Tuesday, May 17: Climate and Ecology Science Sessions**

- Dr. Thomas Swetnam (University of Arizona)
- Dr. Linda Mearns (National Center for Atmospheric Research, CO)
- Dr. Louis Iverson (USDA FS, Northeast Research Station, OH)
- Dr. Kier Klepzig (USDA FS Southern Research Station, NC)
- Dr. Robert Malmshemer (State University of NY)
- Dr. Constance Millar (USDAFS Pacific SW Res. Station, CA)
- Dr. Nathan Stephenson (USGS, CA)
- Dr. Scott Stephens (University of California Berkeley)
- Dr. Mark Twery (USDAFS Northern Res. Station, VT)

### **Concurrent Sessions: Online Tools and Models for Resource Managers**

- Climate Change Tree and Bird Atlases
- Comparative Risk Assessment Framework and Tools (CRAFT)
- Template for Assessing Climate Change Impacts & Management Options (TACCIMO)
- Mapped Atmosphere-Plant-Soil System Study (MAPPS)
- Carbon Online Estimator (COLE v.2)
- Data Basin
- Forest, Woodlands and Climate eXtensionCommunity of Practice
- Water Supply Stress Index Carbon and Biodiversity (WASSI-CB)



# CONFERENCE • REALIGNMENT • REDUCTION

## Tuesday, May 17: Evening

### Poster Session and Evening Banquet

**Guest Speaker:** Dr. George Hopper, Mississippi State University Dean and Director of Forest Resources, Agriculture & Life Sciences, and Experiment Station (with an introduction from Society of American Forester CEO Michael Goergen)

## Wednesday, May 18: Forest Management Sessions

Dr. David Cleaves, USDA Forest Service Climate Change Advisor  
Jay Farrell, Executive Director, National Association of State Foresters  
Dave Tenny, President and CEO of the National Alliance of Forest Owners

Frank Lowenstein, Climate Adaptation Leader, The Nature Conservancy

Earl and Wanda Barrs, Tree Farmers of the Year, American Forest Foundation

**Morning Capstone:** Dr. Kathy Jacobs, White House Office of Science and Technology Policy, Appointed Assistant Director for Climate Adaptation and Assessment; Water Specialist University of Arizona Department of Soils, Water and Environmental Sciences

**Focus Group Breakout Exercise:** Integrating Adaptation and Mitigation Options for Managing America's Forests.

## Designated Conference Hotels

**Marriott Springhill Suites:** Special rate of \$95/night available if reserved BEFORE April 1. Call 1-928-774-8042 for this rate.  
[www.marriott.com/hotels/travel/flgsh-springhill-suites-flagstaff/](http://www.marriott.com/hotels/travel/flgsh-springhill-suites-flagstaff/)

**Courtyard by Marriott:** Special rate of \$95/night available if reserved BEFORE April 1. Call 1-928-774-5800 for this rate.  
[www.marriott.com/hotels/travel/flgcy-courtyard-flagstaff/](http://www.marriott.com/hotels/travel/flgcy-courtyard-flagstaff/)

## Transportation Information

Flagstaff Pulliam Airport:

[www.flagstaff.az.gov/index.aspx?NID=1612](http://www.flagstaff.az.gov/index.aspx?NID=1612)

Flagstaff Pulliam Airport provides air service via US Airways. Reservations can be made at: <http://www.usairways.com>.

Phoenix Sky Harbor Airport: [www.phxskyharbor.com](http://www.phxskyharbor.com)

Car Rental: Enterprise Car Rental discounts are available to SAF members. To make a vehicle rental reservation, please go to the Enterprise website at [www.enterprise.com](http://www.enterprise.com). Under "Optional: Coupon, Customer, or Corporate number" please enter 16LC135; pin number is SOC.

Phoenix – Flagstaff Shuttle Service:

[www.arizonashuttle.com/flagstaff-schedule](http://www.arizonashuttle.com/flagstaff-schedule)

This program has been reviewed and is approved for professional CFE credits by the Society of American Foresters.



# 2011 National Workshop on Climate and Forests Registration

Online: [www.safnet.org/natworkshop11/index.cfm](http://www.safnet.org/natworkshop11/index.cfm) • Fax: (301) 897-3690 • Mail: SAF, 5400 Grosvenor Lane, Bethesda, MD 20814-2198

**Badge and Contact Information** (please print clearly how you want the badge to read) SAF ID# \_\_\_\_\_

Name \_\_\_\_\_ Preferred Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ E-mail \_\_\_\_\_

## Registration Fees

	Before April 2	After April 2	
Climate and Forest Workshop Registration	\$235	\$295	\$ _____
Climate and Forest Workshop Registration (Student SAF Member)	\$140	\$235	\$ _____
Climate & Forests Field Trip	\$50	\$65	\$ _____
Climate & Forests Field Trip (Student SAF Member*)	\$40	\$50	\$ _____
Western Coniferous Forests Stakeholders Meeting			____ Yes ____ No
Tuesday Evening Banquet			____ Yes ____ No
Campus Parking	____ # of Days @ \$3		\$ _____

(\*Students must enter their valid SAF ID# above to receive the discounted rate).

(Workshop hotels are in walking distance. Elevation is 7200 feet above sea level and hilly. Persons with health concerns should consider a parking permit.)

**Total Amount Due \$** \_\_\_\_\_

## Day 1 Breakout Preferences (List top three) –

- \_\_\_\_ Climate Change Tree and Bird Atlases
- \_\_\_\_ Comparative Risk Assessment Framework and Tools (CRAFT)
- \_\_\_\_ Template for Assessing Climate Change Impacts and Management Options (TACCIMO)
- \_\_\_\_ Mapped Atmosphere-Plant-Soil System Study (MAPPS)
- \_\_\_\_ Carbon Online Estimator (COLE v.2)
- \_\_\_\_ Data Basin
- \_\_\_\_ eXtension Community of Practice: Forest, Woodlands and Climate
- \_\_\_\_ Water Supply Stress Index-Carbon and Biodiversity (WaSSI-CB)

## Day 2 Breakout Assignments:

In which region do you work?

\_\_\_\_ Northeastern: CT, DC, DE, IL, IN, IA, ME, MD, MA, MI, MN, MO, NH, NJ, NY, OH, PA, RI, VT, WV, WI

\_\_\_\_ Southern: AL, AR, FL, GA, KY, LA, MS, NC, OK, SC, TN, TX, VA

\_\_\_\_ West: AK, AZ, CA, CO, HI, ID, KS, MT, ND, NE, NM, NV, OR, SD, UT, WA, WY

With which type of land ownership do you primarily work:

\_\_\_\_ Federal      \_\_\_\_ State      \_\_\_\_ Private (Large)      \_\_\_\_ Private (Small/Family)

\_\_\_\_ Other: (Please identify) \_\_\_\_\_ (i.e. Tribal, Municipal, Urban, Non-profit, etc.)

## Poster Session

\_\_\_\_ I wish to setup a poster. Submit posters at [www.safnet.org/natworkshop11/index.cfm](http://www.safnet.org/natworkshop11/index.cfm).

## Payment

\_\_\_\_ VISA    \_\_\_\_ MasterCard    \_\_\_\_ AmEx    \_\_\_\_ Discover    \_\_\_\_ Check enclosed (in US funds to "Society of American Foresters")

Card Number \_\_\_\_\_ Expiration Date \_\_\_\_\_ Security Code (back of card) \_\_\_\_\_

Name of Cardholder (please print clearly) \_\_\_\_\_

Signature of Cardholder \_\_\_\_\_