

NC STATE UNIVERSITY
College of Natural Resources
Forestry Educational Outreach Program
Campus Box 8003
Raleigh, NC 27695-8003

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Fire Ecology & Use in Management and Restoration



June 6 - 8, 2001
Camp Lejeune Marine Corps Base
Camp Lejeune, NC

Sponsored by
Forestry Educational Outreach Program
NC State University Department of Forestry
Camp Lejeune Marine Corps Base
NC Cooperative Extension Forestry

Fire Ecology & Use in Management and Restoration

About the Workshop

For thousands of years, forest fires occurred regularly throughout the southeast, burning many tens of thousands of acres each year. The forests that European explorers first saw were strongly influenced by the time interval between fires. The forests of today are vastly different, because we have systematically suppressed fire.

This workshop will introduce natural resource professionals and forest landowners to the ecology of fire, the role of fire in shaping southeastern forests, the effects of fire suppression, and the use of fire in forest management and restoration. A combination of indoor and outdoor study will be used. Basic concepts of fire ecology, fire frequency, and controlled prescribed fire will be presented in a traditional classroom setting. Outdoors, participants will compare fire-suppressed ecosystems to fire-maintained ecosystems, by visiting representative examples at Camp Lejeune. **Participants will also assist in an actual prescribed burn at Camp Lejeune** (weather permitting).

Who Should Attend?

This workshop will be valuable to anyone who wants to become more knowledgeable about fire ecology and the use of prescribed fire in forest management. It will be especially beneficial to forest landowners who want to incorporate prescribed fire in either the restoration of natural longleaf pine and pond pine ecosystems, or the management of pine plantations.

Workshop Location

The workshop will be held at the Camp Lejeune Marine Corps Base, in Jacksonville, NC. Camp Lejeune is an excellent location to study fire. The base has a long history of using prescribed fire in their multiple-use management of forest ecosystems. As a result, many stands at Camp Lejeune appear much like they did when first seen by European explorers. A map indicating the location of the workshop will be included with your registration confirmation letter.

CFE Credits

This workshop will offer 12 contact hours of Category 1 Continuing Forestry Education credits authorized by the Society of American Foresters.

About the Instructors

Richard Braham is an Associate Professor of Forestry at NC State University. He has taught courses in dendrology and forest communities for over 25 years, and has conducted research on the conservation of a fire-adapted endangered species and the restoration of longleaf pine ecosystems.

Danny Becker is Assistant Base Forester at Camp Lejeune Marine Corps Base. A practicing forester for about 20 years, Danny now heads the fire management program at Camp Lejeune, and has assisted other government agencies with control throughout the United States.

Peter Black is Base Forester at Camp Lejeune Marine Corps Base. A practicing forester for nearly 30 years, he is responsible for all forestry activities at Camp Lejeune, ranging from managing habitat for endangered species to timber management and maintaining suitable training sites for marine soldiers.

Cecil Frost is Coordinator of the NC Department of Agriculture Plant Conservation Program. Beginning his professional career about 25 years ago at Merchant's Millpond State Park, he now coordinates the listing of threatened and endangered plants, habitat acquisition and restoration for listed species, and enforcement of laws protecting rare plants.

Registration and Fees

The registration fee is \$325. This includes course handouts, refreshment breaks, lunches, and field trip transportation. Registration deadline is May 30. Enrollment is limited to the first 25 registrants. *Cancellations made by May 30 will receive a refund less a \$30 service charge.*

Lodging

Lodging is not included in the registration fee, however, rooms at a reduced rate have been blocked at the Quality Inn & Suites, Jacksonville, NC until May 25. For reservations call 910-347-6111 and mention that you are part of the "Forestry Workshop Group Code 1304".

For upcoming workshops and more information on the Forestry Educational Outreach Program visit the FEOP home page at www.ncsu.edu/feop or contact Susan Moore at 919-515-3184 (phone), 919-515-6883 (fax), or susan_moore@ncsu.edu



Fire Ecology & Use in Management and Restoration



Day 1 (Wednesday, June 6, 2001)

8:00 a.m. Registration
8:30 a.m. Welcome and Introductions
8:45 a.m. How Plants Adapt to Fire
10:00 a.m. Break
10:15 a.m. Pre-Colonial Forests and Fire Frequencies of the Lower Coastal Plain
11:30 a.m. How to Determine the Pre-Colonial Fire Frequency
12:00 p.m. Lunch (provided)
1:00 p.m. How Fire Behaves
2:30 p.m. Break
2:45 p.m. - 5:00 p.m. Field Trip - Comparison of Fire-Maintained Stands to Fire-Excluded Stands
Dinner on your own

Day 2 (Thursday, June 7, 2001)

8:30 a.m. How to Plan for a Prescribed Fire
9:45 a.m. How to Properly Use Fire Tools
10:30 a.m. Break
10:45 a.m. Organizing the Fire Crew
11:45 a.m. Lunch (provided)
12:30 p.m. - 5:00 p.m. Field Trip - Conduct Prescribed Burn (weather permitting)
Dinner on your own

Day 3 (Friday, June 8, 2001)

8:30 a.m. Field Trip - Post-Fire Evaluation
11:00 a.m. Course Evaluation
11:30 a.m. Adjourn

Note: The agenda for each of the three workshops will depend on the weather. However, the workshops will take place, rain or shine. Please dress accordingly.

Registration Form

Fire Ecology & Use in Management and Restoration

Name _____

Organization _____

Address _____

City _____ State _____ Zip _____

Daytime Phone _____

Fax _____

E-Mail _____

Special accommodations required _____

Method of Payment

Registration Fee: \$325

Registration Deadline: May 30, 2001

Check _____ make payable to NC State University

Credit Card: ___ MasterCard ___ Visa ___ **ONLY**

Card #: _____ - _____ - _____ - _____

Expiration Date: _____

Name of Cardholder: _____

Address of Cardholder: _____

I agree to allow NC State University to charge this credit card for the workshop registration.

Cardholder Signature: _____

Send payment to FEOP, NC State University, Campus Box 8003, Raleigh, NC 27695; or FAX: 919-515-6883

FOR OFFICE USE

date rec'd _____ amt. _____ ck#: _____
V/MC chgd _____ conf. sent _____ dep. date _____