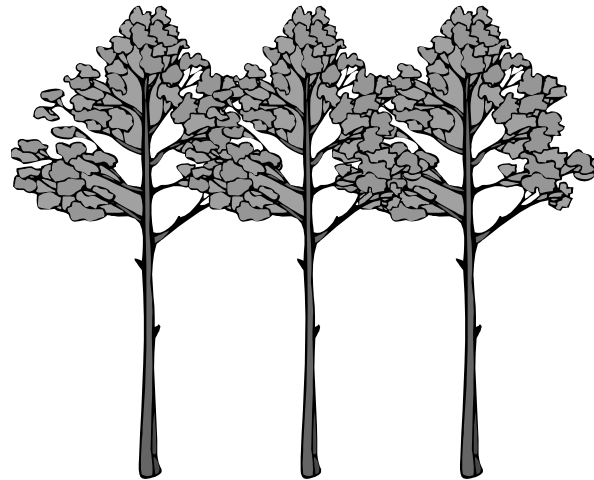


Principles for Sustaining Forest Productivity



June 20, 2006
Vance Community College
Henderson, NC

Sponsored by
Forest Nutrition Cooperative
Forestry & Environmental Outreach Program
NC State University
Department of Forestry & Environmental Sciences
Virginia Tech University

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Principles for Sustaining Forest Productivity

About the Workshop

Issues of sustainable forest productivity continue to be debated within the forestry community and by the public at large. Fortunately during the past decade, our understanding of the ecological processes regulating forest productivity and how these processes are affected by differences in vegetation, climate, and the availability of soil resources has increased dramatically giving a strong biological foundation for sustainable forestry.

The objectives of this workshop are to provide participants with:

- 1. An understanding of the ecological basis for sustainable forest productivity*
- 2. Knowledge of how the application of contemporary silvicultural practices may affect sustainability of productivity*
- 3. The opportunity to visit an internationally significant sustainable forest productivity research study in the North Carolina Piedmont*

Who should attend?

Forest landowners, forestland managers, policy makers and others who are interested in expanding their knowledge of the scientific basis for sustainable forest productivity.

Continuing Education Credits

The workshop will offer 5.0 Continuing Forestry Education credits (CFEs) from the Society of American Foresters.

About the Instructors

H. Lee Allen is the C.A. Schenck Distinguished Professor of Forestry at NC State and Tom Fox is Associate Professor of Forestry at Virginia Tech. They serve as co-directors of the Forest Nutrition Cooperative, an internationally recognized research and education program in productivity-silviculture-soils relationships. Lee and Tom also teach undergraduate and graduate courses in silviculture, soils, and ecophysiology and have authored more than 250 publications dealing with plantation productivity, forest nutrition, soils, and silviculture. They travel extensively throughout the Americas providing the latest knowledge to forestland managers.

Registration and Fees

The registration fee is \$125 and includes course handouts, refreshments, and lunch. Pre-registration is required. Registration deadline is June 13th. Cancellations made by June 13th will receive a refund less a \$20 service charge. Space in the workshop is limited, so early registration is encouraged.

Workshop Location

The workshop will take place at the Vance Community College in Henderson, NC. A map indicating the exact location of the workshop will be included with your registration confirmation letter. Lodging is not included.

Some lodging options in Henderson include:
Holiday Inn Express: 252-438-6300
Hampton Inn: 252-492-3007

Note: The workshop field trip will go rain or shine. Please be prepared with the proper shoes and clothing.

For upcoming workshops and more information on the Forestry & Environmental 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

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Schedule

7:30 Registration

8:00 Principles of Productivity

- Ecophysiological basis for forest production
- Productivity-leaf area-resource availability relationships
- Nutrient use in forest plantations

9:50 Break

10:00 Soils Properties and Stand Growth

- Soil Properties and root growth
- Overview of geology and soils of the Southeast

12:00 Lunch (provided)

1:00 Field Trip to NC State – International Paper Company Long Term Site Productivity Project

- Study objectives, treatments
- Early impacts of harvest and site preparation
- Rotation length treatments impacts on stand growth and development, soils, and plant community dynamics
- Productivity comparison between rotations

4:00 Return to Vance Community College

Registration Form

Principles for Sustaining Forest Productivity
Registration Deadline is June 13, 2006

Name _____
Organization _____
Address _____
City _____ State _____ Zip _____
Daytime Phone _____
Fax _____
E-mail _____
Vegetarian Meal Required? _____

Method of Payment

Registration Fee: \$125

Check (make payable to NC State University)

Credit Card (Mastercard or 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 _____