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

Applied Intermediate GIS for Foresters



October 15 - 16, 2001

**North Carolina State University
Raleigh, NC**

Sponsored by

Forestry Educational Outreach Program
NC State University Department of Forestry
NC State University Center for Earth Observation

Applied Intermediate GIS for Foresters

About the Workshop

This course is designed for foresters or land managers who are interested in furthering their knowledge of the use of ArcView GIS in routine forest management activities. In this course, we will stress independent completion of moderate to complex spatial analysis scenarios and problems. The instructor will allow for some customization of the course outline based on participants' needs.

An introductory course in ArcView is recommended, however, significant experience without formal training may be substituted with **instructor approval**. *To contact the instructor, call 919-513-0411 or e-mail ldpicken@unity.ncsu.edu.*

About the Instructor

Laura Pickens received her BA in Biology from UNCA in 1990. She worked as a Forestry Technician and a Biologist for the US Forest Service for a total of 5 years before returning to NCSU as a graduate student. In August of 1998, she received her Masters of Natural Resources degree with a technical option in Spatial Information Systems. She has since worked for the NCSU Center for Earth Observation as a Research Associate and is responsible for managing a large contract with the NC Division of Forest Resources (NCDFR). **Laura has been responsible for developing and implementing a statewide GIS program for the NCDFR, including training NCDFR foresters to use both GPS and GIS.**

Registration and Fees

The registration fee is \$455. *There is a \$30 discount for registrations received by September 14th.* The fee includes course instruction, parking, course workbook and refreshment breaks. **Registration deadline is October 8th.** Enrollment in the workshop is limited to the first 20 registrants. *Cancellations made by October 8th will receive a refund less a \$25 service charge.*

Continuing Education Credits

This workshop will offer 15 hours of Category 1 Continuing Forestry Education credits authorized by the Society of American Foresters. Real Estate and Appraiser Continuing Ed hours are being pursued. *Full attendance is mandatory to receive credit.*

Workshop Location and Lodging

The workshop will be held in Room 5103 Jordan Hall on NC State University campus in Raleigh, NC. A map indicating the location of the workshop will be included with your registration confirmation letter. **Lodging is not included in the registration fee**, however, rooms have been blocked at the Ramada Inn-Blue Ridge in Raleigh, NC until September 24th. For reservations call 919-832-4100 and let them know you are part of the "GIS Workshop".

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



Applied Intermediate GIS for Foresters

Topics To Be Covered

Day 1 (Monday, October 15, 2001)

Registration: 8:00 a.m.

Morning Session: 8:30 a.m. - 12:00 p.m.

- Review of materials covered in Introduction to Applied GIS for Foresters
- Working with Latitude and Longitude data
 - ✓ Getting data into an ArcView compatible format
 - ✓ Creating event themes
 - ✓ Cartographic techniques

Lunch (on your own)

Afternoon Session: 1:30 p.m. - 5:30 p.m.

- Creating Thematic Maps from Tabular Data
 - ✓ Querying and selecting data
 - ✓ Table formats in ArcView
 - ✓ Creating meaningful maps from your data
- Adding Hot Links in ArcView
 - ✓ Linking digital images to features in ArcView

Adjourn: 5:30 p.m.

Day 2 (Tuesday, October 16, 2001)

Morning Session: 8:30 a.m. - 12:00 p.m.

- Accessing Sample Scripts and Extensions in ArcView
 - ✓ Helpful hints to make GIS easier and more powerful
 - ✓ Freebies
- Using the Geoprocessing Wizard to Perform Spatial Analysis
 - ✓ Hands On Scenarios
 - ✓ Problem solving

Lunch (on your own)

Afternoon Session: 1:30 p.m. - 5:30 p.m.

- Using the Geoprocessing Wizard to Perform Spatial Analysis (continued)
- Mapping Stand Treatments Using GIS
 - ✓ Class participation in scenario/project development
 - ✓ Hands On problem solving/mapping with GIS

Adjourn: 5:30 p.m.



Registration Form

Applied Intermediate GIS for Foresters
Registration Deadline is October 8, 2001

Name _____

Organization _____

Address _____

City _____ State _____ Zip _____

Daytime Phone _____

Fax _____

E-Mail _____

Special accommodations required _____

Method of Payment

Registration Fee: \$455
(\$425 before Sept. 14)

Check _____ make payable to NC State University

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

Card #: _____ - _____ - _____ - _____

Expiration Date: _____

Name of Cardholder: _____

Address Card is Billed to: _____

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

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