

### About the Instructor

James Jeuck has been teaching GIS and GPS to forestry students and professionals since 1993. James is a NC Registered Forester and NC Consulting Forester. He is on the faculty of Haywood Community College and is currently a Ph.D. student at NC State University, College of Natural Resources.

### Accreditation

Continuing education credits have been requested for foresters, appraisers, surveyors, land planners and landscape architects.

### Workshop Location and Lodging

The workshop will be conducted the McKimmon Center located on the NC State University campus in Raleigh, North Carolina. A map indicating the location of the workshop will be included with your registration confirmation letter. Lodging is not included in the registration fee. Visit our web page to see a list of local lodging options: [www.ncsu.edu/feop](http://www.ncsu.edu/feop)

### Registration and Fees

The registration fee for the workshop is \$375 and includes course handouts and computer lab privileges. Lodging and meals are not included in the workshop registration fee.

### The deadline to register for the workshop is

**October 5, 2007.** Registrations can be made using this pamphlet or on-line through the workshop web page at: [www.ncsu.edu/feop/GIS/workshops.html](http://www.ncsu.edu/feop/GIS/workshops.html)  
Registration fees may be paid by Mastercard, Visa or by check made out to "NC State University."

### Cancellations

Cancellations received by the FEOP office on or before the registration deadline of October 5 are eligible for a full refund less a 15% service charge. It is not possible to provide a refund after October 5. Sending a substitute participant is recommended in this situation.

### Tentative Agenda and Topics To Be Covered

#### Thursday, October 11, 2007

- 8:30 – 9:00 Registration
- 9:00 – 9:20 Introductions and Course Objectives
- 9:20 – 10:00 What is GIS?
- 10:00 – 11:00 GIS Data Types
- 11:00 – 11:15 Break
- 11:15 – 12:00 Introduction to ESRI ArcView Interface  
ArcMap, ArcCatalog, ArcToolBox,  
ArcView Help, ESRI Virtual Campus
- 12:00 – 1:00 Lunch (on your own)
- 1:00 – 2:00 Routine GIS Operations I  
Adding Data, Symbolizing Data,  
Querying Data, Labeling Data
- 2:00 – 3:00 Routine GIS Operations II  
Editing Data: Clipping, Splitting,  
Buffers, Creating New Data Sets
- 3:00 – 3:15 Break
- 3:15 – 4:30 Routine GIS Operations III  
Editing Attributes: Creating New  
Attributes, Area Calculations, Layouts

#### Friday, October 12, 2007

- 8:30 – 9:00 Registration
- 9:00 – 10:00 Routine GIS Operations I – III Reviewed
- 10:00 – 11:00 Data Sources I  
Soils, and Parcels
- 11:00 – 11:15 Break
- 11:15 – 12:00 Data Sources II  
Topography, and Aerial Photography
- 12:00 – 1:00 Lunch (on your own)
- 1:00 – 3:00 Workshop exercise – develop a fieldwork map
- 3:00 – 4:30 Workshop exercise review and discussion  
Questions and Answers

*Next workshop in this series:  
Beginning GIS-II for Forestry Professionals  
November 6-7, 2007  
[www.ncsu.edu/feop/GIS/workshops.html](http://www.ncsu.edu/feop/GIS/workshops.html)*

## Beginning GIS for Forestry Professionals October 11-12, 2007

[www.ncsu.edu/feop/GIS/workshops.html](http://www.ncsu.edu/feop/GIS/workshops.html)

Name \_\_\_\_\_

Organization \_\_\_\_\_

Address \_\_\_\_\_

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

Daytime Phone \_\_\_\_\_

Fax \_\_\_\_\_

E-Mail \_\_\_\_\_

Continuing Education Credits you are seeking: \_\_\_\_\_

Your current GIS experience level (please check one):

Never used GIS before.

Own some software but rarely turn it on.

Some experience, but limited skills.

Registration fee: \$375.00

Registration Deadline: October 5, 2007

\_\_\_\_\_ Check payable to "NC State University"

\_\_\_\_\_ Credit Card (*MasterCard or Visa ONLY*)

Card #: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

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**NC State University  
Forestry and Environmental Outreach Program  
Campus Box 8008  
Raleigh, NC 27695-8008  
Fax: 919-515-6883**

# Beginning GIS-I for Forestry Professionals

[www.ncsu.edu/feop/GIS/workshops.html](http://www.ncsu.edu/feop/GIS/workshops.html)



**October 11-12, 2007**  
**NC State University**  
**McKimmon Center**  
**Raleigh, NC**

#### Sponsored by

Forestry and Environmental Outreach Program  
Department of Forestry and Environmental Resources,  
North Carolina State University

#### About the Workshop

This 2-day workshop is the first of a series of hands-on training sessions on the uses of geographic information systems (GIS). These workshops are specifically designed to meet the needs of forestry professionals. This first workshop will cover the utility and basic functions of GIS.

The workshop objectives are to (1) introduce GIS functions and capabilities useful for forestry operations; (2) familiarize participants with the routine ArcView Operations used in forestry; (3) provide useful data sources such as soils, land parcels, topography, and aerial photography; and (4) helps participants determine how well GIS might fit into their forest management services.

Participants will learn to develop a fieldwork map using available data sources. The format for the workshop will be a combination of lecture and computer lab exercises focusing on forestland management. Participants will use computers at the NC State University's McKimmon Center. Due to computer lab size this workshop is limited to 24 participants.

#### Who Should Attend

This course will be valuable to forestry professionals seeking an introduction to the capabilities of GIS for their work as natural resources land managers, private consultants, government and private land owners, surveyors, appraisers, and land planners. This workshop will be a good resource for those considering making an initial investment in GIS technology and advanced training.

#### Workshop Prerequisites

No previous experience with GIS software is required to participate in this workshop. Participants should have basic competency using a personal computer and working with business-related software such as Microsoft Word™ and Excel™.