

REGISTRATION FORM

GPS WORKSHOP

*Please fill out, detach and mail the following registration form to:
University of Arkansas-Monticello
School of Forest Resources
P.O. Box 3468
Monticello, AR 71655-3468
Attention: Carol Guffey*

Name

Organization

Street Address

City

State and Zip

Phone

E-mail

Name to be printed on tag

Fee enclosed Purchase order

Non-Profit Organization
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PAID
Monticello, AR 71656
Permit No.2

UAM Forestry Continuing Education
Arkansas Forest Resources Center
University of Arkansas - Monticello
Monticello, AR 71656

GLOBAL POSITIONING SYSTEMS

FULL-DAY, CUSTOMIZED
TRAINING WORKSHOP USING
GPS TECHNOLOGY INTEGRATED
WITH GIS

Buren B. DeFee II, Ph.D.
December 21 & 22, 2005
Harlingen, TX



Sponsors:

- Arkansas Forest Resources Center
- University of Arkansas System
- Agricultural Experiment Station
- Cooperative Extension Service
- School of Forest Resource, UAM
- Spatial Analysis Laboratory (SAL)

THE COURSE

This two-day, hands-on GPS workshop will cover everything from GPS Basics to field use of Trimble GeoExplorer 3 GPS units, and how to integrate the data with ArcView GIS.

Fundamentals of GPS

This portion of the course will cover the basics of GPS technology. GPS will be fully explained from what it is, how it works, what factors affect accuracy, how differential correction works, and how to accomplish differential correction through post-processing of GPS data. GPS hardware will be described and displayed.

Data Preparation and Field Exercise

This portion of the course will entail actual data collection from locations around the course site using Trimble GeoExplorer 3 GPS units. This section will also deal with data preparation, trip planning, and data dictionary creation using Trimble Office PathFinder Software.

Integration with GIS

This portion of the course will cover integration of GPS data with a GIS. ArcGIS 9.1 will be used to create a map of the field data.

THE LOCATION

Location

The workshop will be held at the meeting room in the Holiday Inn Express, 501 South “P” Street, Harlingen, TX. Field exercises will be held in the immediate area and at a nearby park.

Equipment

The University of Arkansas – Monticello has a fully equipped, mobile teaching lab. Computers and mapping-grade Trimble GeoExplorer 3 GPS units will be provided for use during the workshop.

THE INSTRUCTOR

Dr. Buren DeFee (defee@uamont.edu) has been **involved in GIS for more than 10 years**. He is an Assistant Professor in the Spatial Information Systems Program at the University of Arkansas at Monticello. He is an ESRI authorized instructor for ArcGIS I. He teaches courses in GIS, GPS and Remote Sensing. His education and training covers a wide range of disciplines, including marine biology, land development, and urban and regional science.

The University of Arkansas System offers its programs to all eligible persons regardless of race, color, national origin, sex, age, or handicap, and is an Equal Opportunity Employer.

REGISTRATION

Course Fee \$125

Fee includes course materials.

Course Date and Time

Wednesday & Thursday, December 21 & 22, 2005
8:30 A.M.-4:00 P.M.

Deadline for Registration

Payment must be received by Friday, December 9th, 2005.

Course Size

Course is limited to fifteen and is on a first come, first served basis.

Cancellation Policy

Call 870-460-1052 one week prior to short course for a full refund. Partial refunds may be granted for later cancellations. Failure to attend will result in forfeiture of course fee. If the course is cancelled, registration fees will be fully refunded. We cannot refund cancellation charges from airlines or travel agents.

For additional information contact:

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