GPS WORKSHOP
June 13 - 15, 2005 ● Pack Forest, Eatonville, WA

Overview

The Global Positioning System (GPS) is a utility used for a variety of purposes in forest and natural resource management. GPS is an important tool for capturing and generating data for a GIS (Geographic Information System). Features such as roads, streams, wetlands, stand boundaries, sampling plots, and bird nests can be mapped easily and with high accuracy and precision. GPS is also used for real-time navigation within the forest, for relocating sampling and inventory plots.

This two-day workshop will introduce the GPS technology, its theory (how and why it works), and its use (how to make it work for you). Students will gain hands-on experience with state-of-the-art equipment in a real working forest setting.

Upon completion of the workshop, participants will be able to plan and execute GPS data-gathering missions and to convert GPS data to common GIS formats. Students will receive 14.5 Category 1 Society of American Foresters CFE credits.

The instructor for this workshop is Phil Hurvitz, GPS and GIS Specialist at the University of Washington. Phil has been using GPS equipment for nearly a decade, advising students, staff, and faculty at the College on the use of GPS. Phil will be joined by Ron McDuffie of Frontier Precision, a local GPS equipment vendor with over a dozen years of experience with GPS technology.

General Information

Location, Lodging, Registration: The workshop will be held at Pack Forest in Eatonville. The $350 registration fee includes instruction and materials, two nights shared lodging (4 people per cabin), and all meals and refreshments as indicated in the agenda. Driving directions are available on the Pack Forest website at http://www.packforest.org/get2pack/ .

Cancellation Policy: Cancellation notifications received **in writing** (email or fax is acceptable) on or before June 3, 2005, will qualify for a full refund of the registration fee paid. **Sorry, no refunds for cancellations after June 3, 2005**. However, substitutions are welcome with 24 hours notice.

Equal Opportunity & Reasonable Accommodation - The University of Washington is committed to providing access, equal opportunity and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation, contact the Disability Services Office at least ten days in advance at: 206-543-6450 (V), 206-543-6452 (TTY), 206-685-7264 (FAX), or email dso@u.washington.edu.

Contact Us - If you have questions, please contact Clara Burnett at clara75@cfr.washington.edu or 206-543-8684.

Workshop Agenda

Monday, June 13

4:00-6:00 PM	Registration
6:00 PM	Dinner
7:00 PM	Social

Tuesday, June 14

7:00	AM	Breakfast
8:00	AM	Initial Field Data Collection, Viewing Data
10:00	AM	Break
10:20	AM	Introduction to GPS Technology: History, Infrastructure, Equipment & Uses
Noon		Lunch
1:00	PM	Mission Planning Theory: Pre-Planning, Creating Data Dictionary, Configuring Equipment
2:30	PM	Break
2:50	PM	Mission Planning Practice: Pre-Planning, Creating Data Dictionary, Editing & Uploading, Creating Waypoints, and Uploading Equipment Configuration
6:00	PM	Dinner

Wednesday, June 15

7:00	AM	Breakfast
8:00	AM	Field Practice: Data Collection
10:00	AM	Break
10:20	AM	Field Practice: Navigation
Noon		Lunch
1:00	PM	Post Processing: Downloading Data, Differential Correction
2:30	PM	Break
2:50	PM	Post-Processing: Exporting to GIS format, Importing to GIS software
4:30	PM	Adjourn

Visit the GPS workshop webpage at: www.ruraltech.org/training/#gps

Name: _____ Title: _____

Organization: _____

Address: _____ City, State, Zip: _____

Phone / Fax: _____ Email: _____

Do you require special accommodation (vegetarian, special seating, etc.)? _____
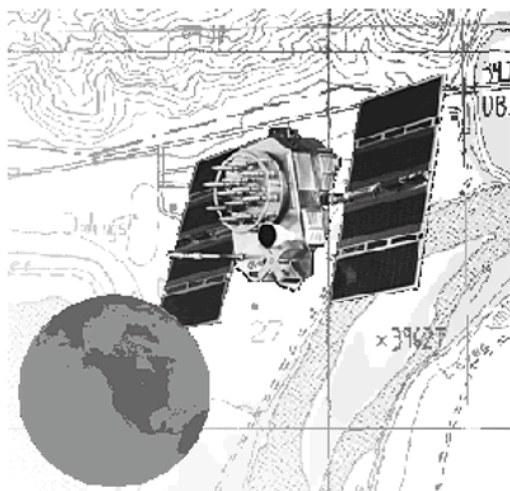
Gender (for lodging assignments): ❑ Male ❑ Female

Registration Fee is $350 per person. Includes instruction and materials, two nights shared lodging (4 people per cabin) and meals at Pack Forest. Cancellations must be received *in writing* (email or fax acceptable) *by June 3, 2005* to receive a refund.

Payment method: ❑ Check (payable to 'UW') ❑ Credit Card ❑ Purchase Order (please attach)

MC, Visa, or American Express Card # : _____

Name on Card: _____ Expiration date: _____

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At Pack Forest in Eatonville, WashingtonOffered and Supported by The Rural Technology Initiative

The Rural Technology Initiative (RTI) is a pilot technology transfer program created as a partnership between the University of Washington, Washington State University, and the USDA Forest Service to provide rural forest managers with the best scientific knowledge and tools needed to solve today's complex forest management problems. RTI hosts training sessions for Washington state forestry consultants, tribal foresters and non-industrial forest landowners. Visit the website at www.ruraltech.org

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