

The Warnell Continuing Education Program

Daniel B. Warnell School of Forestry and Natural Resources

Forest Technology Field Day: Field Instruments Demo

April 20, 2009

Instructors: Darian Yawn & Brian H. Holley

Location: Flinchum's Phoenix, Athens, Georgia



WARNELL
SCHOOL OF FORESTRY AND NATURAL RESOURCES
THE UNIVERSITY OF GEORGIA

Purpose and Objectives

The purpose of this course is to expose natural resource managers to new developments in land and tree measurement technology. It is important for natural resource managers to stay current with changes in technology, thus this course will:

1. Introduce new methods and devices for measuring land and trees
2. Provide ways to integrate Global Positioning Systems technology with field inventory methods

Who Should Attend?

Natural resource managers who want to gain knowledge of the most advanced methods for measuring land and trees.

Format

This course provides hands-on field measurement instruction on the latest technology for measuring land and trees. The field stations provided allow participants to move freely from one demonstration to another without a rigid time constraint. Handouts will be provided to summarize the material that is presented.

Location and Equipment Required

The course will meet at the Flinchum's Phoenix building located in the Whitehall Forest. Whitehall Forest is a 740-acre University of Georgia research forest managed by the Warnell School of Forestry and Natural Resources. Most of the course experience is situated outside therefore it is recommended that you bring sturdy shoes, a hat, sun screen, insect repellent, and a water bottle. Lunch will be provided.

Instructors

Darian Yawn is the Southeastern Sales Manager for LandMark Systems, a forest technology sales and consulting firm based out of Tallahassee, Florida. He specializes in GPS/Field Inventory hardware, software, and training. Darian received a BS degree from the Warnell School of Forest Resources at the University of Georgia in 1992. Before joining LandMark Systems in 2002, Mr. Yawn spent 10 years applying GPS/GIS technology in land management and procurement operations with International Paper and Union Camp Corporation. He also previously served as the technical support manager for LandMark Systems for 5 years before venturing into the sales department.

Brian H. Holley currently serves as the Director of Sales for LandMark Systems, a forest technology sales and consulting firm based out of Tallahassee, Florida. Mr. Holley received a BS degree from the Warnell School of Forest Resources at the University of Georgia in 1995. He has spent much of his time educating foresters on the benefits of spatial forest inventory solutions. He continues to work with key partners in developing integrated solutions for natural resource managers. Prior to his current employment with LandMark Systems, Mr. Holley was a procurement forester for T&S Hardwoods, Inc. He is currently a Georgia Registered Forester and Alabama Registered Forester and a member of the Society of American Foresters, Ocmulgee Chapter. He has also served on the University of Georgia Alumni Committee and as Secretary for Southeastern SAF.

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Registration Fee

The fee for this course is \$95, which includes one lunch and instructional materials for the day. Go to <http://www.landmarksystems.org/support/training-dates.htm#r> to register. Limited seating is available.

Continuing Education Credits

- 4 Continuing Forestry Education (CFE) Hours–Category 1
- 4 Continuing Logger Education Hours (CLE) - Environment

Full Attendance is Mandatory to Receive Credit.

Course Itinerary - Monday, April 20, 2009

Time	Event
9:00	Welcome and Introductions, Flinchum's Phoenix
9:15	Field demonstrations (Session 1) Station 1– Haglof DME ultrasound measurement device Station 2 - Haglof PostEx and stem profile builder Stem mapping using PostEx Tree taper measurements for local profile Equations Station 3 - Haglof hypsometers and calipers Station 4 - Laser Tech hypsometers Station 5 - GPS comparisons under heavy tree canopy
12:00 p.m.	Lunch
1:00	Field demonstrations (Session 2) Station 6 – GPS with laser integration Station 7 – GPS + field inventory with SoloForest Station 8 – GPS + field inventory with ArcPad
2:30	Discussion, Flinchum's Phoenix
3:00	Adjourn

Parking and Directions

Parking in front of Flinchum's Phoenix out at Whitehall Forest is free of charge. For a map and directions go to:

http://www.warnell.uga.edu/h/aboutWSFR/directions/index_html

Special Needs

If you require special services or dietary considerations, contact Reena Berwal at 706-542-7602 or e-mail her at rberwal@warnell.uga.edu prior to February 27, 2009.