

Cruising Timber via Point Sampling: Improving Speed, Accuracy, and Cost-Effectiveness

A Workshop for Foresters and Forest Technicians

June 20, 2002
Heiberg Forest
Tully, NY

Sponsored by—
State University of New York
College of Environmental Science and Forestry
Faculty of Forest and Natural Resource Management and
ESF Continuing Education

Variable-radius plot cruising. Point sampling. Variable probability sampling. The Bitterlich Method. These and other names have all been used to describe one of the most popular methods used to cruise timber in the Northeast. This workshop will help participants better understand sampling theory in general and point sampling theory specifically. Demonstrations and discussions conducted both in the field and the classroom will encourage participants to discover and/or explore ways of using the point sampling method to improve the accuracy of their timber cruises while simultaneously decreasing their cruising costs.

The objectives of the workshop are as follows: 1) confirm both the reliability and cost-effectiveness of point sampling versus 100% cruises, and 2) expose current users of point sampling to time-saving, accuracy-improving tips. With an increased understanding of the method, participants will leave the workshop better equipped to apply the method in varying forest conditions and/or to varying management objectives.

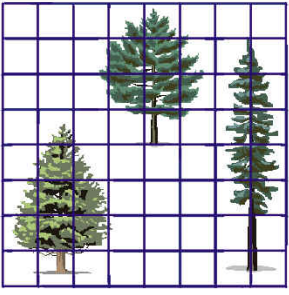
Continuing Forestry Education Credit:

SAF Certified Forester Credits: This workshop has been approved for 5 Category I Continuing Forestry Education credits.

Dates: June 20, 2002

Location: Heiberg Forest, Tully, NY. A map and directions will be sent with acknowledgment of registration.

Questions? Contact ESF Continuing Education at (315) 470-6891



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Preliminary Program

Thursday, June 20, 2002

- 8:30 am Registration
- 9:00 **Welcome and Introductions** , *René Germain*, SUNY-ESF
- 9:15 **A Review of Sampling Distributions and Central Limit Theorem**, *Eddie Bevilacqua*, SUNY-ESF
- 9:45 **A Review of Point Sampling Theory and Methods**, *Jamie Savage*, SUNY-ESF Ranger School
- 10:30 Break
- 10:45 **Point Sampling in Northern Hardwoods** (field demonstration and discussion)
- 12 Noon Lunch (provided)
- 12:45pm **How Does Sampling Theory Apply to Timber Cruising?**, *Eddie Bevilacqua*, SUNY-ESF
- 1:45 **Determining Sampling Intensity to Meet Precision Requirements of Timber Estimates** , *Eddie Bevilacqua*, SUNY-ESF
- 2:30 Break
- 2:45 **Field Methods for Decreasing Costs and Increasing Accuracy** , *Jamie Savage*, SUNY-ESF Ranger School
- 3:30 **Wrap-Up: Questions, Discussion, and Workshop Evaluation**

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Registration

To Register: Simply fill out and mail the registration form with your registration fee. To tentatively reserve a space, call ESF Continuing Education at (315) 470-6891; or fax to (315) 470-6890.

Registration Deadline: Registrations *and payment* must be received by June 10, 2002.

Course fee: \$95 discounted early registration fee before June 10, \$125 if received after June 10. Includes breaks and course materials. Agency purchase orders accepted. *Checks payable to SUNY-ESF. VISA or MasterCard also accepted.*

Refunds: Participants who wish to withdraw must give written notice by June 13, 2002 to receive a full refund. A \$25 cancellation fee will be retained after that, however, no refunds will be granted if notice is received the day of the workshop or after. Substitutions are permissible at any time. SUNY-ESF reserves the right to cancel any program in the event of insufficient registrations; full refunds will be made in such a case.

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Registration Form

Print and Mail or Fax to ESF Continuing Education

Name _____

Title _____

Agency/Company _____

Address _____

City _____ State _____ Zip _____

Phone (____) _____ Fax (____) _____

email _____

Dietary or Other Special needs: _____

Register me for the *Point Sampling Workshop*. Enclosed, payable to SUNY Research Foundation is:

- \$95 early registration fee is postmarked by June 10, 2002.
- \$125 if postmarked after June 10.

Make checks payable to SUNY-ESF

Credit card payment: VISA MasterCard

Account #: _____

Expires: _____ Signature: _____

Mail or fax form with payment to:

ESF Continuing Education
SUNY College of Environmental Science & Forestry
1 Forestry Drive, Syracuse, NY 13210-2784
FAX: 315-470-6890

Early Registration Deadline: June 10, 2002