

The Warnell Continuing Education Program

Daniel B. Warnell School of Forestry and Natural Resources

Logging Cost Analysis

June 12-13, 2019

Instructors: Dr. Joe Conrad and Dr. Chad Bolding

Harbison State Forest Environmental Center

5600 Broad River Road, Columbia, South Carolina 29221



WARNELL
SCHOOL OF FORESTRY AND NATURAL RESOURCES
THE UNIVERSITY OF GEORGIA

About the Event

This course will cover both principles and applications of logging cost analysis techniques from the perspective of wood dealers, procurement foresters, and independent logging contractors. Course content will focus on methods for evaluating historic production and cost records within the context of the evolving wood supply chain. Spreadsheet models will be reviewed and provided to participants for hands-on training involving modifications necessary to assess and simulate a range of harvesting systems, techniques, and equipment mix variations. Upon completion of this course, participants should be well-equipped to better evaluate logging costs using a range of techniques.

Location

Harbison State Forest Environmental Center
5600 Broad River Road, Columbia, South Carolina 29221

Who Should Attend?

Foresters, wood buyers, and logging contractors involved in wood procurement, sale layout, and timber harvesting. Forest engineers, forestry equipment representatives, and others who service the timber harvesting industry would benefit from the course content.

Equipment Needs

All participants must bring a laptop computer with Microsoft Excel version 2007 or later. Please also bring 25-foot extension cord for powering your laptop. Files used for the class will be transferred from a flash drive or provided on a CD.

Instructors

Dr. Joe Conrad is an assistant professor of forest operations in the Warnell School of Forestry & Natural Resources at the University of Georgia. Joe teaches undergraduate and graduate courses on topics such as timber harvesting, timber procurement, and field measurements. He conducts research on timber harvesting productivity and cost, logging capacity, timber procurement, and wood supply chain efficiency. His recent research measured increases in log truck insurance in the South, determined reasons for the increases, and identified possible solutions to the problem. In addition, he has recently analyzed the productivity and cost of processors operating in southern pine stands. He has experience analyzing logging costs in both the South and the Midwest. Joe earned a B.S. in forestry from The University of the South and an M.F. and Ph.D. in forest operations from Virginia Tech. Joe is a member of the Council on Forest Engineering, Society of American Foresters, and the Georgia Forestry Association.

Dr. Chad Bolding is an associate professor of forest operations/engineering in the Department of Forest Resources and Environmental Conservation at Virginia Tech in Blacksburg, VA. Chad teaches courses in forest harvesting, timber procurement, and harvesting systems evaluation. He has a B.S. and M.S. in forestry from Auburn University, and an M.F. in silviculture and Ph.D. in forest engineering from Oregon State University.

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Registration Fee

The course fee is \$425.00, which includes lunch, refreshment breaks, and instructional materials. There is a \$50.00 discount for fees paid and postmarked by May 22, 2019.

You can register by hard copy (see next page) or online at:

http://conted.warnell.uga.edu/courses/lca_2019

Continuing Education Credits

- 10.0 SAF Continuing Forestry Education (CFE) Hours – Category 1 (approved)
- 10.0 MTH Continuing Logging Education (CLE) Hours – Category B (approved)

Full Attendance is Mandatory to Receive Credit.

Course Itinerary

Wednesday, June 12, 2019

Time	Event
8:15 AM	Registration
8:30	Ch. 1 – Introduction (Conrad)
8:45	Ch. 2 – Estimating Production (Bolding)
10:15	<i>Refreshment (provided)</i>
10:30	Ch. 3 – Using Historical Production Data (Conrad)
Noon	<i>Lunch (provided)</i>
1:00 PM	Ch. 4 – Estimating Costs (Bolding)
2:15	<i>Refreshment (provided)</i>
2:30	Ch. 5 – Using Historical Cost Data (Conrad)
3:30	Ch. 6 – Estimating System Performance (Bolding)
4:30	Adjourn

Thursday, June 13, 2019

Time	Event
8:15 AM	Ch. 7 – Cash Flow Analysis (Conrad)
9:15	Ch. 8 – Trucking Discussion (Conrad)
10:00	<i>Refreshment (provided)</i>
10:15	Ch. 9 – Evaluating Logging Systems: Computer Spreadsheets (Bolding)
11:00	Ch. 10 – Practical Applications (Bolding)
Noon	Adjourn

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Registration Form

Name - please print _____

Preferred name for badge _____

Birth-date (for credit hour records) _____

☐ Business mailing address or ☐ Home address (please check one)

City _____

State _____

Zip _____

County, if Georgia _____

Home phone _____

Work phone _____

Fax _____

Email address _____

☐ Please send me e-mails about Warnell Continuing Education programs.

position _____

organization/employer _____

By registering for this event I agree to comply with all event and lodging cancellation policies.

Logging Cost Analysis

June 12-13, 2019

☐ Early registration by May 22, 2019.....\$375.00

☐ Regular registration after May 22, 2019.....\$425.00

A check must be included to guarantee your place in the course. Make check payable to Warnell School of Forestry and Natural Resources.

Enclosed is check # _____

Mail payment to :

Attn: Anuj Sinha

Warnell School of Forestry & Natural Resources

The University of Georgia

Athens, Georgia 30602

Cancellations

Notify Ingvar Elle at 706-583-0566 by May 29, 2019 if you need to cancel.

Special Needs

If you require special services or dietary considerations, contact Ingvar Elle at 706-583-0566 or ingvar@uga.edu by May 29, 2019.

Hotel Accommodations

A block of rooms has been set aside for course attendees at the Fairfield Inn by Marriott Columbia Northwest/Harbison, for the nights of June 11 and 12, 2019. The hotel address is 320 Columbiana Dr, Columbia, SC 29212. The phone number to reserve rooms is (803) 732-4436. Rooms are \$99.00 per night plus 14% percent sales tax. Use the code "Logging Cost Analysis" for making reservations. Please make reservations early since rooms will drop out by 5/10/2019.

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Instructors (Continued from page 1)

Chad conducts research in the areas of supply chain management, harvesting system feasibility and logistics, sustainable biomass utilization, and forestry best management practices. He is active in professional organizations such as the Society of American Foresters, the Council on Forest Engineering, the Forest Resources Association, and is an adjunct member of the faculties at Clemson University and the University of Georgia.