

# 2009 Fall Forestry Educational Seminar

## ***Understanding and Managing Tree Growth***

Saturday, October 31, 2009  
Veterans Memorial Museum, Chehalis, WA

8:30 – 9:00	Registration
9:00 – 9:15	Opening Comments
9:15 – 10:00	<b>Tree Physiology and the Annual Growth Cycle</b>
10:00 – 10:30	Break
10:30 – 11:15	<b>How Trees Grow at Different Spacings</b>
11:15 – 12:00	<b>Wood Qualities of a 40+ Year Old Stand</b>
12:00 – 12:30	Lunch
12:30 – 1:30	<b>Global Warming – Another Unfulfilled Government Promise</b>
1:30 – 2:00	Break
2:00 – 2:45	<b>Management Effects on Productivity and Sustainability, Part 1</b>
2:45 – 3:30	<b>Management Effects on Productivity and Sustainability, Part 2</b>
3:30 – 3:45	Wrap Up
3:45 – 5:00	<b>Optional Tour of Veterans Memorial Museum</b>

### **Tree Physiology & the Annual Growth Cycle: *Dr. Gary Ritchie***

Introductory talk that will cover root growth, stem growth, dormancy, cold hardiness, water relations, and stress resistance.

### **How Trees Grow at Different Spacings: *Rod Meade***

The history of plantation spacing, the findings of the Stand Management Coop on plantation spacing management, and some of the management implications, such as green-up time, stem quality and log defect. Thinning selection and the effect early stocking (TPA) has on stand size, growth, and site index implications.

### **Wood Qualities of a 40+ Year Old Stand: *Dr. David Briggs***

The effect of tree size, rotation age, stem form, and knot size on structural product performance will be discussed. Effects of planting spacing and time of thinning, and wood quality versus log grade versus product grade will be covered.

### **Global Warming – Another Unfulfilled Government Promise: *Dr. Gary Ritchie***

We haven't had significant global warming for at least a decade, and for the past few years we've had cooling. Yet our politicians are ignoring this evidence and plowing ahead with draconian cap and trade legislation that will have dire economic consequences to the country. Dr. Ritchie has followed the Global Warming controversy for many years. He and thousands of other scientists do not believe all the dire predictions. His talk will present a viewpoint that is not often presented by the mainstream media.

### **Management Effects on Productivity and Sustainability -1. *Dr. Tom Terry & Dr. Tim Harrington***

Key findings from three regional trials on soil productivity and sustainability and related studies will be reviewed. The implications on Best Management Practices for soil compaction, harvest residual retention (organic matter), and vegetation management will be covered.

**Management Effects on Productivity and Sustainability -2: *Dr. Tom Terry & Dr. Tim Harrington***  
Continuation of session 1.

**SEMINAR LOCATION**

Veterans Memorial Museum  
100 SW Veterans Way  
Chehalis, WA 98532

**Questions?**

E-mail: loucksd@localaccess.com  
Phone: 360-736-2147

Driving Directions: Take I-5 Exit 77 and turn west. At the second stoplight on the west side of the freeway (about 200 feet past the on/off ramp on the west side of I-5), turn left on to Riverside. Proceed ¼ mile and turn left on to Veterans Way.

<b>Continuing Education Credits:</b>	4.5 SAF CFE credits in Category 1 6 credits for Accredited Loggers
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Pre-Registration is required. Fees include breaks and catered lunch.

**Registration Fee:**

ATFS Certified Tree Farmers or Tree Farm Inspectors:	\$70 (\$110 with spouse)
Other Individual Adult:	\$80 (\$120 with spouse)
Children under 18 or Student Rate:	\$50

Please register before October 26, 2009  
Confirmation of registration will be sent only to those who provide an e-mail address.

Make checks payable to: **Washington Tree Farm Program**

Cut here and return lower portion with your registration check



Name(s) \_\_\_\_\_

\_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Phone \_\_\_\_\_ E-Mail \_\_\_\_\_

Dietary Restrictions \_\_\_\_\_

TOTAL AMOUNT ENCLOSED \_\_\_\_\_

Mail form and check to: Donna Loucks  
Washington Tree Farm Program  
P.O. Box 1010  
Chehalis, WA 98532