

Workshop and Field Demonstration for: Vacuum-Steam Treatment of Logs to Meet Export Requirements

What is this about? This program is composed of both a workshop and field demonstration of vacuum-steam phytosanitation for logs. The goal of the workshop is to introduce all those associated with the movement and export of logs to a commercially viable non-fumigation method of treatment. The vacuum-steam system greatly improves the turnaround time of the current USDA T-314 heat treatment schedule for hardwood logs. Research has confirmed the efficacy of this method for a number of important pests and pathogens of hardwood logs, including oak wilt, thousand canker disease complex, and cerambycid borers.

Who Should Attend? Loggers, lumber manufacturers, freight forwarders, forest products exporters, forest industry NGOs, Forest Service representatives, USDA APHIS PPQ inspectors, fumigators and academic and research institutions.

When? June 5, 2019

Where? The workshop and demonstration will be held at the Brooks Forest Products Center, 1650 Research Center Dr., Blacksburg, VA 24061.

Sponsors: Virginia Cooperative Extension, USDA Forest Service, Wood Education and Resource Center, Princeton, WV; Virginia Tech, Department of Sustainable Biomaterials, Blacksburg, VA

Registration: You must register for this workshop. Registration is \$28.00 and can be completed here: [\(Link\)](#). Registration closes June 2019. Parking passes will be provided on the day of the event. Lunch and food at breaks provided.

Program

8:00 AM- 8:30 AM – Introductions and linkage between forest health, hazardous fuels, and wood utilization

Dr. Brian Bond, Department of Sustainable Biomaterials, Virginia Tech

8:30 AM – 9:30 AM – Forest Health in Virginia

Bill Sweney? Virginia Department of Forestry

9:30 AM – 10:00 AM – US log exports and imports

William Luppold, Economist, USDA Forest Service

10:00 AM – 10:15 AM – Break

10:15 AM – 11:15 AM – Current methods of controlling pest migration on log imports and exports

Dennis Heltzel, APHIS PPQ

11:15 PM – 12:15 PM – Summary of alternatives to methyl bromide

Ron Mack APHIS PPQ

12:15- 1:00 Lunch

1:00 PM – 1:45 PM – Development of a non-chemical log treatment

Dr. Marshall White, Professor Emeritus, Department of Sustainable Biomaterials, Virginia Tech

1:45 PM – 2:15 PM – Commercial steam and vacuum treatment systems for logs

Peter Philipp, VP, Phytosanitation Vacuum Systems LLC, Blacksburg, VA

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2:15 PM – 2:45 PM - Economic analysis of the new vacuum and steam phytosanitation technology

Dr. Henry Quesada, Department of Sustainable Biomaterials, Virginia Tech

2:45 PM – 4:00 PM –Steam and vacuum log treatment demonstration

Dr. Marshall White and Dr. Zangjing Chen, Virginia Tech

For more information:

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Center
Blacksburg, VA**