

# 2019 National Silviculture Workshop Draft Program

Day One (May 21, 2019)

## Workshop Opens

0730 - 0800 Registration

0800 - 0810 Greetings and Logistics

0810 - 0820 Welcome Address - Chief Christiansen

0820 - 0830 Welcome Address - Forest Supervisor Darla Lenz

0830 - 0840 Tribal Welcome

0840 - 0910 Keynote Address – Eric Davis (NFS) & Toral Patel-Weynand (R&D)

0910 - 0940 Invited Speaker 1

Speaker: Paul Hessburg – Research Landscape Ecologist (USDA-FS PNW)

Title: *Telling Better Science Stories*

0940 - 1010 BREAK

1010 - 1110 Panel 1

Panel title: *Forest Industry Sector*

1110 - 1140 Invited Speaker 2 - Paul Strong

1140 - 1240 LUNCH

1240 - 1340 Panel 2

Title: *National Advanced Silviculture Program: forging unique partnerships to train silviculturists*

1340 - 1400 BREAK

1400 - 1500 Panel 3

Panel title: *Tribal Panel*

1500 - 1530 BREAK

1530 - 1630 Panel 4 Experimental Forests

1630 - 1700 Invited Speaker 3

Speaker: Tony D'Amato

Title: *Adaptive silvicultural strategies for black ash forests threatened by the introduced emerald ash borer*

1700 - 1710 Closing Day Remarks & Field Trip Overview

1800 - 2100 Poster Session/Meet & Greet

## Day Two (May 22, 2019) – Field Tour

### Chippewa National Forest and Cutfoot Experimental Forest

The Chippewa National Forest and Cutfoot Experimental Forest Field Tour will include several stops highlighting research or activities geared toward restoration. Commercial timber operations have been integral to many of these. Three buses will be used on a staggered schedule. All buses will travel the same route and visit the same sites.

Bus 1 departs Sanford Center at 7:00 AM and returns at 5:00 PM

Bus host: Jim Gubbels, Timber Program Manager

Bus 2 departs Sanford Center at 7:30 AM and returns at 5:30 PM

Bus host: Jim Gries, Natural Resource Team Leader

Bus 3 departs Sanford Center at 8:00 AM and returns at 6:00 PM

Bus host: Audrey Gustafson, Zone Silviculturist

**Stop 1 Reforestation:** Travis Jones, Zone Silviculturist; Josh Krecklau, Reforestation Technician

**Stop 2 Ash Research Project:** Dr. Tony D’Amato, University of Vermont; Gary Swanson, Forest Silviculturist; Rob Slesak, Minnesota Forest Resources Council, Josh Kragthrope, NRS Technician

**Stop 3 Growing Stock Study:** Dr. Brian Palik, NRS Research Ecologist; Doug Kastendick, NRS Ecologist; Jim Parma, Marketing Manager, Bell Timber, Inc.

**Stop 4 Zon Memorial:** Dr. Linda Nagel, Colorado State University

**Stop 5 American Elm Research Project:** Dr. Charlie Flower, NRS Research Ecologist; Dr. Cornelia Pinchot, NRS Research Ecologist; Gary Swanson, Forest Silviculturist

**Stop 6 Adaptive Silviculture for Climate Change (ASCC):** Dr. Brian Palik, NRS Research Ecologist; Dr. Linda Nagel, Colorado State University & Josh Kragthrope, UMN Research Fellow

**Stop 7 Variable Retention Harvesting Study - Tamarack Point:** Dr. Tony D’Amato, University of Vermont; Doug Kastendick, NRS; Keith Karnes, LLBO Forester

**Stop 8 Timber Sale:** Greg Van Orsow, Timber Operations Team Leader; Brian Bignall, Wood Procurement Manager – Potlatch Deltic

1900 – 2200 National Silviculture Awards

## Day Three (May 23, 2019)

### Workshop Opens

0730 - 0800

0800 - 0840 Keynote Address Linda Nagel (University) & Brian Palik (USFS)

0840 - 0940 Panel 5 Forest Products Modernization

0940 - 1010 BREAK

### Concurrent Session A

Time	Room 1 (Silviculture Partnerships)	Room 2 (Forest Management & Planning)	Room 3 (Services, Products, and Getting It Done)
1010 - 1030	Managers and scientists unite to sustain oak in upland hardwood forests on the Daniel Boone National Forest, Kentucky <b>Schweitzer</b>	Using Historical Reconstructions of Moist Mixed Conifer Forests to Inform Forest Management on the Malheur National Forest <b>Lindsay</b>	Integrating ecosystem services into sustainable forest management of public and private lands <b>Deal</b>
1030 - 1050	Silvicultural strategies and tactics to control an invasive exotic species— replacing loblolly pine with shortleaf pine on the Ouachita NF in Arkansas and Oklahoma <b>Guldin</b>	Enhancing Planning Rule Assessment, Planning, and Monitoring with the Forest Inventory and Analysis Program <b>DeRose</b>	Nontimber forest product management and research in an era of climate variability: Delivering benefits to the public <b>Emery</b>
1050 - 1120	An assessment of silvicultural strategies used in Minnesota over the past 25 years <b>Windmuller-Campione</b>	Using Forest Inventory and Analysis Data and the Forest Vegetation Simulator in Support of Forest Planning <b>Shaw</b>	Application of the Good Neighbor Authority; A tool to increase the pace and scale of Forest Restoration <b>Glick</b>

1120 - 1140	Research and management partnerships for resolving regeneration and recruitment challenges in hardwood –softwood mixtures <b>Kabrick</b>	FIA-based state and transition modeling to inform forest management in Region 3 <b>Pelz</b>	Timber Use, Processing Capacity, and Capability within USDA Forest Service, Region Two Timber-processing Area <b>Simmons</b>
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1140 - 1240 LUNCH

### Concurrent Session B

Time	Room 1 (Fire)	Room 2 (Lessons Learned from LTSP)	Room 3 (Silviculture, Adaptation & Monitoring)
1240 - 1300	Managed reforestation to successfully restore the wildfire-killed forests: What should we worry about the most? <b>Zhang</b>	North American Long-Term Soil Productivity Study: A National Forest System and Research Collaboration <b>Dumroese</b>	Accelerating Late-Successional Characteristics in the Goosenest Adaptive Management Area <b>Ritchie</b>
1300 - 1320	Impacts of prescribed fire on overstory timber at the end of the rotation in oak-dominated forests <b>Saunders</b>	Long-Term Soil Productivity Study: Vegetation response to varying degrees of disturbance in aspen-dominated forest spanning the Upper Lake States <b>Curzon</b>	Adapting Bottomland Hardwood Forests to a Changing Climate <b>Brandt</b>
1320 - 1340	Prescribed fire management in eastern forests: are we using the right fire frequency prescription? <b>Wang</b>	Soil properties across a Lake-states soil textural gradient 25 years after organic matter removal and soil compaction <b>Slesak</b>	UAS for Post-treatment Monitoring in Dry Site Mixed Conifer Stands <b>Burnett</b>

1340 - 1400	Applicability of the shelterwood-burn technique to the mixed-oak forests of the Allegheny National Forest <b>Brose</b>	An Ontario Example of Adaptive Management: lessons learned from nearly 30 years of collaborative site productivity research <b>Morris</b>	Sharing the load to develop young growth silviculture for forage and biodiversity in southeast Alaska <b>Crotteau</b>
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1400 - 1430 BREAK f

### Concurrent Session C

Time	Room 1 (Genetics, Forest Threats & Reintroductions)	Room 2 (Shared Stewardship and Collaborative Research)	Room 3 (Partnerships in Restoration)
1430 - 1450	A new look at some old shortleaf pine progeny tests: silvicultural opportunities through partnerships <b>Bragg</b>	A Partnership to Take on Climate Change: Adaptation Forestry and Conifer Strongholds in the Northwoods <b>Frerker</b>	Landscape Restoration on the Boise Basin Experimental Forest <b>Jain</b>
1450 - 1510	Restoration of the American chestnut will require more than a blight-resistant tree <b>S. Clark</b>	Pairing Science and Management at Rocky Mountain Research Station: Partnering for science-based shared stewardship <b>N. Clark</b>	Restoring Colorado Front Range Forests: Co-production and Shared Stewardship <b>Battaglia</b>
1510 - 1530	Partnering to improve outcomes from resistance breeding: the blister rust model in Minnesota <b>Pike</b>	Building a regional science framework to support landscape scale conservation in Southeast Ohio <b>Bartig</b>	Adaptive management –research partnerships to restore shortleaf pine mixedwoods <b>Dey</b>

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1530 - 1550	Developing DED-Tolerant American Elm and Restoration of the Urban-Rural Landscape <b>Flower</b>	Factors Effecting Forest Stand Structure and Health on the Allegheny National Forest and Collaborative Strategies to Provide for Resilient Forests <b>Hille</b>	Restoration of Mixed Shortleaf Pine-Hardwood Stands Through Multi-Cohort Silviculture <b>Clatterbuck</b>

1550 - 1610 Break

1610 - 1710 Panel 6 (Action Package for Forest Management-Research Partnerships)

1710 - 1715 Closing Remarks