

FORS 4327

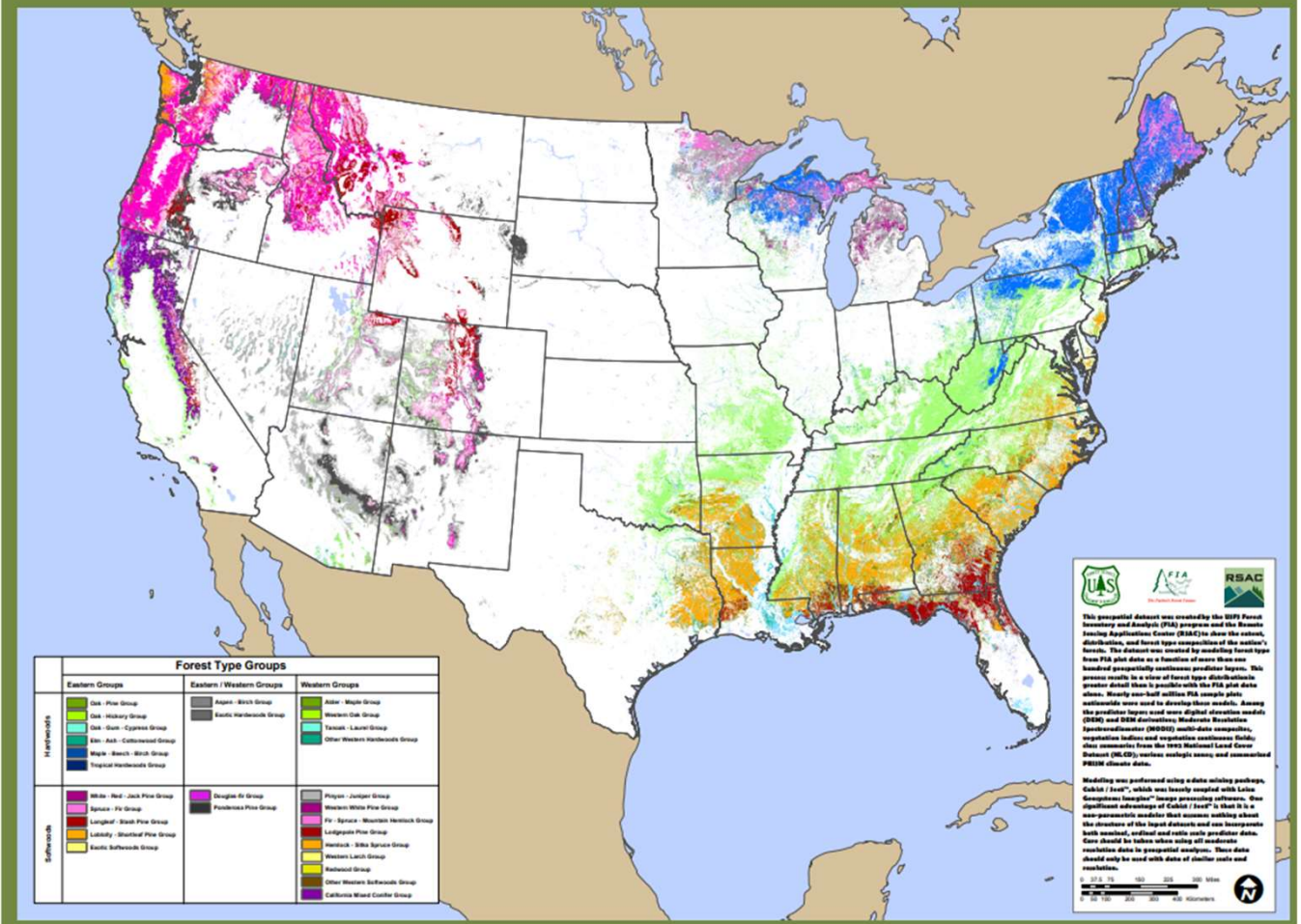
Regional Silviculture

~~Dr. Brian Oswald~~

Dr. Jeremy Stovall

Background: Defining Regions

National Forest Type Groups



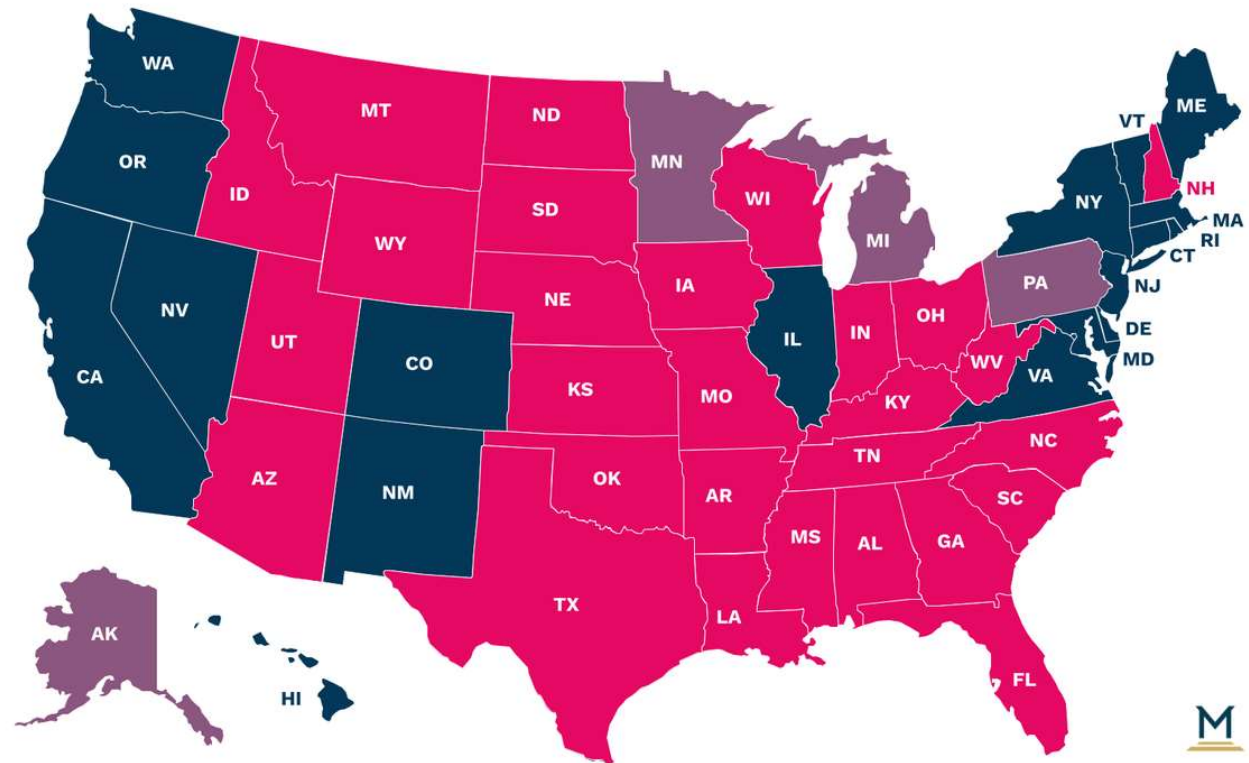
Trigger Warning Time!

2026 State Legislatures

■ Democratic Control (18)

■ Split Control (4)

■ **Republican Control (28)**



Background

- Land Acknowledgements
- WK vs IK
- Treaty Rights
- Legislative / Legal

<https://www.wsj.com/opinion/university-of-washington-land-acknowledgement-ninth-circuit-professor-stuart-reges-c5b4e474>

OPINION REVIEW & OUTLOOK Follow

The Professor's Sly 'Land Acknowledgment'

The college asked for a tribal genuflection. He wrote a subversive one and sued the school.

By The Editorial Board
Dec. 29, 2025 5:41 pm ET

The screenshot shows the NPR website interface. At the top, there are logos for 'npr' and 'r2r', along with links for 'NEWSLETTERS', 'SIGN IN', and 'NPR SHOP'. Below this is a navigation bar with 'NEWS', 'CULTURE', 'MUSIC', 'PODCASTS & SHOWS', and a 'SEARCH' icon. The main content area is titled 'CULTURE' and features the headline 'So you began your event with an Indigenous land acknowledgment. Now what?'. Below the headline, it says 'MARCH 15, 2023 · 5:00 AM ET' and 'HEARD ON ALL THINGS CONSIDERED'.

Thuja occidentalis L.

Cupressaceae -- Cypress family

William F. Johnston

Northern white-cedar (*Thuja occidentalis*) is also called eastern white-cedar, arborvitae, and swamp-cedar. The name arborvitae or "tree of life" dates from the 16th cen foliage to treat scurvy. A record tree in Michigan measures 175 cm (69 in) in d.b.h. and 34 m (113 ft) in height. The rot- and termite-resistant wood is used principally f winter deeryards, and it is a widely planted ornamental.

Other Common Names: arborvitae, eastern white-cedar, giizhik (Ojibwe), kaksku'si (Mi'kmaq)

Published: June 30, 2026

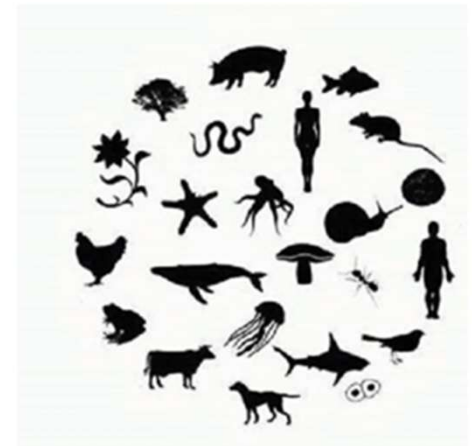
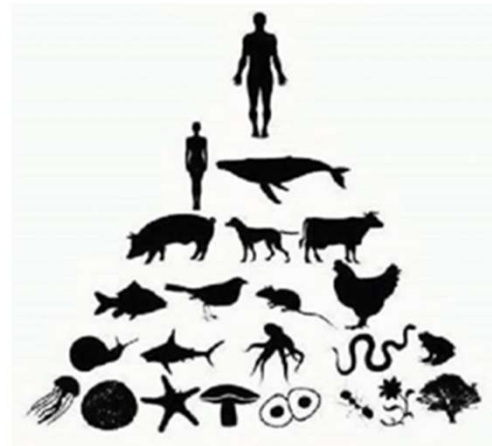
DOI: <https://doi.org/10.2737/sna.thuja.occidentalis>

Cite

Northern White-Cedar

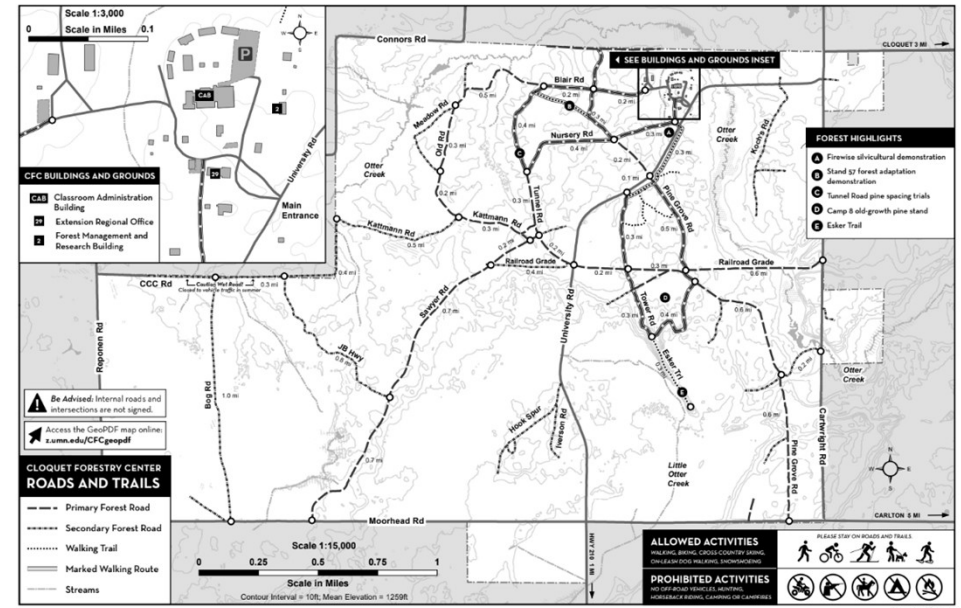
Suggested Citation:

Villemare-Côté, Olivier; Kenefic, Laura S.; Michigiizhigookwe Clark, Robin; Allogio, Jeanette; Capolla, Béatrice; Ruel, Jean-Claude. 2026. Northern white-cedar (*Thuja occidentalis*). In: McNulty, Steven; Callaham, Mac A., Jr., project co-leads. Silvics of North America. U.S. Department of Agriculture, Forest Service; Natural Resources Canada, Canadian Forest Service; National Forestry Commission of Mexico, collaborators. Washington, DC: U.S. Department of Agriculture, Forest Service. <https://doi.org/10.2737/sna.thuja.occidentalis>.



Background

- Land Acknowledgements
- WK vs IK
- Treaty Rights
- Legislative / Legal



University of Minnesota, Fond du Lac Band move forward together on historic Cloquet Forestry Center land return

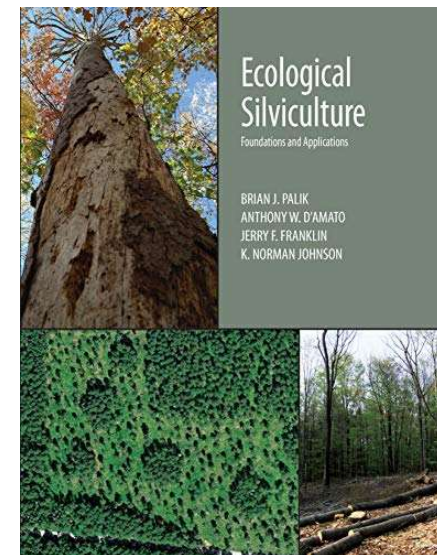
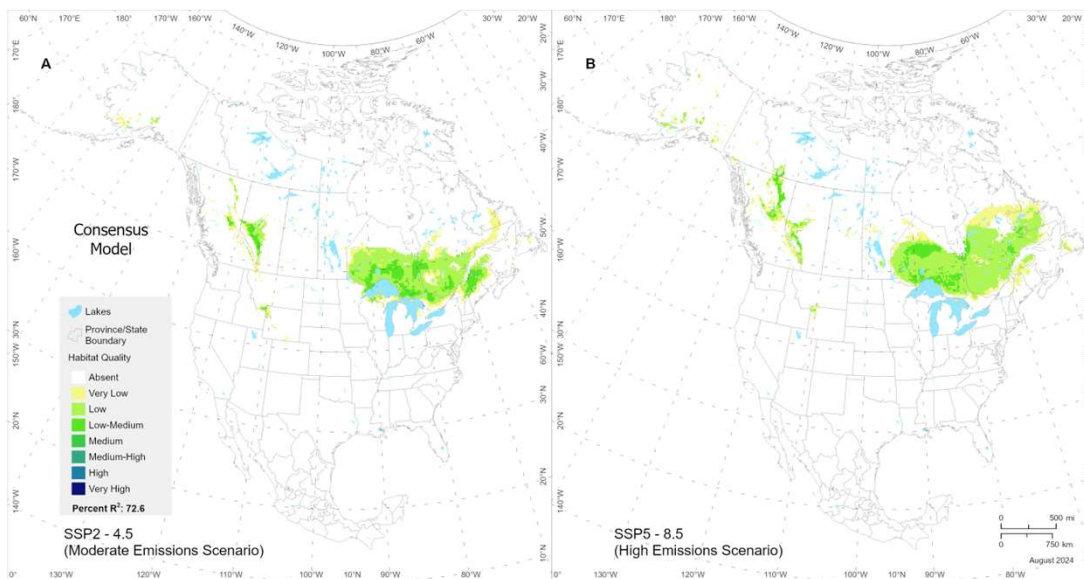
UMN & FDL News Release

May 27, 2026

In a milestone moment for collaboration and reconciliation, the University of Minnesota and the Fond du Lac Band of Lake Superior Chippewa are moving forward with the return of the Cloquet Forestry Center land, wholly located within the Fond du Lac Reservation. The effort is enabled by provisions in the state bonding bill approved by the Minnesota Legislature and signed into law by Governor Walz in a ceremony this morning attended by University of Minnesota President Rebecca Cunningham and Fond du Lac Tribal Chairman Bruce M. Savage.

Background

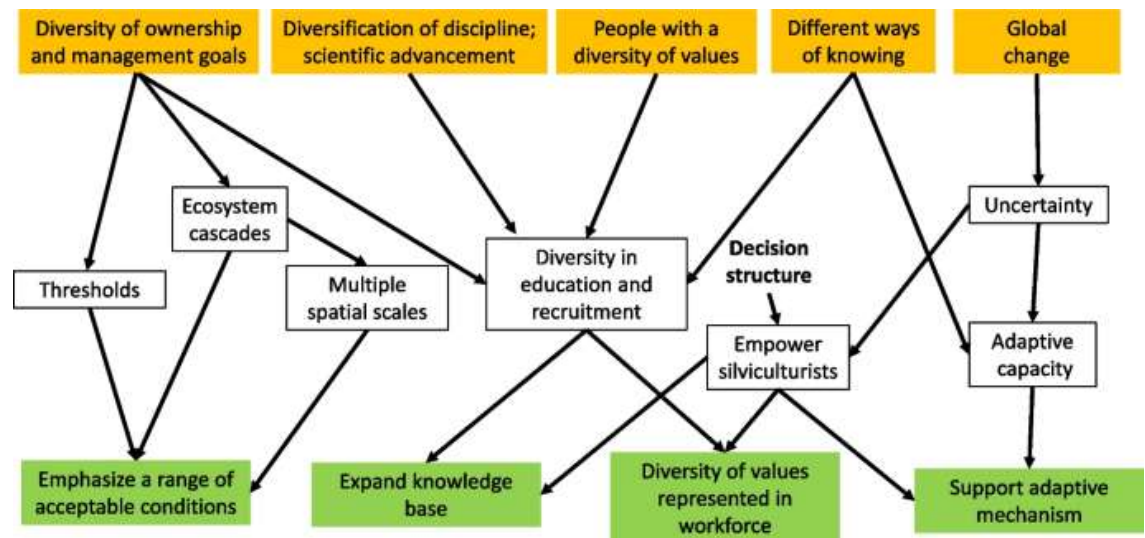
- Ongoing Trends
 - Ecological Silviculture
 - Climate Change
 - ASCC



Proposed Silviculture Definition

“the art and science of supporting and stewarding forest and woodland ecosystems and their ability to adapt in order to foster the diverse values of forest's contributions to people, including landowners, rights holders, communities and society”

Puettmann, Klaus J., Anthony W. D'Amato, Michael Dockry, Marie-Josée Fortin, Austin Himes, Brian Palik, Kristen Waring, and Marcella Windmuller. "Silviculture—more complex than ever." *Journal of Forestry* 123, no. 2 (2025): 133-160.



Course Materials

Books > Science & Math > Biological Sciences > Plants > Trees

Third Edition

REGIONAL SILVICULTURE OF THE UNITED STATES



Edited by
John W. Barrett

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Background: Silviculture Instructors Group

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Home



Silviculture Instructors Website

Silviculture is the art and science of tending a forest - agriculture but with trees.

The Silviculture Instructors Sub-Working Group of the Society of American Foresters' Silviculture Working Group (D2) is a loosely-associated but committed collection of instructors, researchers, and Extension foresters.

The Sub-Working Group meets annually for a three-day field tour near the location of the Society of American Foresters (SAF) National Convention. The tour examines how silvicultural systems are implemented in each region, and instructors bring those experiences, stories, and photos back to the classroom to better educate forestry students and other constituencies on the breadth and complexity of silviculture across the United States.

This sub-working group has functioned well since 1965 with no dues, no by-laws, and with a primary goal of sharing silvicultural information with colleagues. Special projects are developed and completed as the need arises. For example, the Sub-Working Group has developed a glossary of silviculture terms and has produced a series of slide shows depicting silvicultural practices in most of the forest regions in the U.S.

Current Chairs

- **Kristen Waring** (2024-present)
 - School of Forestry
 - P.O. Box 15018
 - Northern Arizona University
 - Flagstaff, AZ 86011
 - kristen.waring@nau.edu

OER Videos

Regional Silviculture OER Series

Regional silviculture focuses on applied forest ecology and management in different states and provinces around North America and globally. Differences in ecological, economic, operational, and societal factors create great variability in how silviculture is practiced. Our goal is to leverage the existing silviculture instructors group within SAF to create this series of videos focused on contemporary silviculture across the different regions of North America and beyond. These are an open educational resource (OER) and are thus freely available to students and instructors.

Canada - Western

Boreal Forests - Alberta

Dr. Brad Pinno of the University of Alberta created a lecture and video field tour focused on silviculture of boreal forests in Alberta, Canada.

View the video on [YouTube](#) or directly download the [mp4 video file](#).



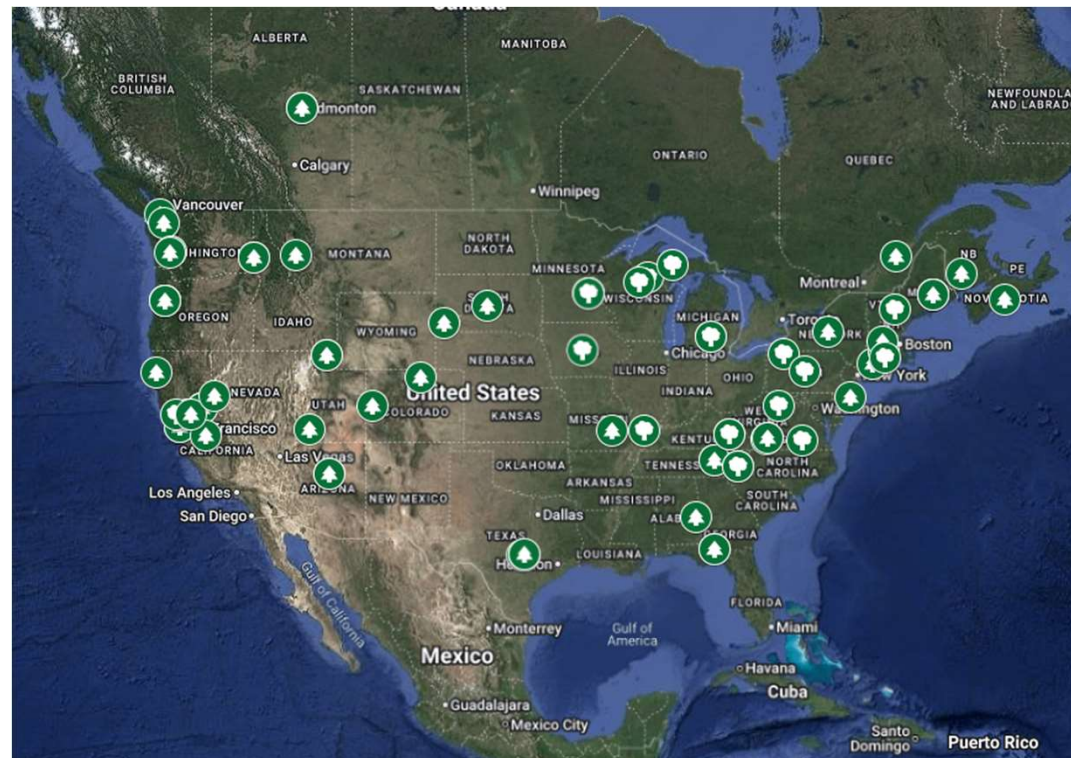
View the video on [YouTube](#) or directly download the [mp4 video file](#).



Stay tuned for more content soon....

Pivot:

https://www.google.com/maps/d/edit?mid=1QLdeyhHZMSxKCU_XixakNBowEP7dN24&usp=sharing



Background

- Info Sources
 - National Forests
 - NASP
 - Universities
 - Agencies

Forest Service Silviculture

Silviculture is the art and science of controlling the establishment, growth, composition, health, and quality of forests and woodlands to meet the diverse needs and values of landowners and society such as wildlife habitat, timber, water resources, restoration, and recreation on a sustainable basis. This is accomplished by applying different types of silvicultural treatments such as thinning, harvesting, planting, pruning, prescribed burning and site preparation. Intermediate treatments (thinning) are designed to enhance growth, quality, vigor, and composition of the stand after establishment or regeneration and prior to final harvest. Regeneration treatments (harvesting) are applied to mature stands in order to establish a new age class of trees. Regeneration methods are grouped into four categories: coppice, even-aged, two-aged, and uneven-aged.

All vegetation activities, including prescribed fire, wildlife habitat improvement, timber harvesting and cutting trees in campgrounds for human safety must have a silvicultural prescription. A silvicultural prescription is a document which has a planned series of treatments designed to change current stand structure and composition of a stand to one that meets management goals. The prescription normally considers ecological, economic, and societal objectives and constraints. In the Forest Service, silvicultural prescriptions are prepared or reviewed by a certified silviculturist prior to implementing the project or treatment.



Reviewing a thinning.

National Advanced Silviculture Program

The National Advanced Silviculture Program (NASP) consists of four national core courses taught over a 9-week period providing graduate-level instruction in silviculture and forest ecology to Forest Service employees seeking to be certified as silviculturists. NASP is open to employees from other Federal Agencies as well as those from State Agencies.

NASP is conducted in collaboration with four leading academic institutions. The first module, Ecological Systems, is conducted by the University of Minnesota. The second module, Inventory and Decision Support, is conducted by the Oregon State University. The third module, Landscape Ecology, is conducted by the University of Massachusetts at the Northern Arizona University. The final module, Advanced Silviculture Topics, is conducted by the University of Tennessee. Students on the certification track take a fifth regional module developed specifically for expertise in regional forest types as well as complete a detailed project and defend their project to a panel of about six professionals, including professional silviculturists, a university professor, a district ranger and a professional biologist.



Reviewing and discussing natural regeneration.



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2026 Starker Lecture Series: A century of research forest discoveries

Published on Dec 9, 2025



Topics:

- features
- alumni
- research
- research forests
- centennial

Keywords:

- starker lecture

Assignments, Grades, Schedule???

Course Topics & Schedule

Schedule	Topics	Assignments
Week 1	Introduction, course format	
Week 2	Current and emerging silvicultural trends	
Week 3		
Week 4	<u>Regions</u>	
Week 5	Pacific Northwest	
Week 6	California	
Week 7	Northern Rockies	
Week 8	Middle & Southern Rockies	
Week 9	Lake States	
Week 10	Central Hardwoods	
Week 11	Appalachian Hardwoods	
Week 12	Northeast	
Week 13	Canada	
Week 14	Alaska	
Week 15	Hawaii	
Week 16	Mexico	
	Texas Beyond the Pine Curtain	