



UNIVERSITY of WASHINGTON

School of Forest Resources

Established in 1907 as one of the oldest units on the University of Washington (UW) campus and one of the original natural resource programs in the country, our vision is to provide world class, internationally recognized knowledge and leadership for environmental and natural resource issues. We became a founding unit in the UW's College of the Environment in 2009.

Our teaching, research, and outreach programs focus on the integrating theme of sustainability in natural and managed environments that include wilderness and park-like ecosystems, intensively managed planted forests, and urban ecosystems.

Our academic niche at the University of Washington is to study the key principles and processes explaining the behavior and interaction of biotic and social systems along gradients from urban to wildland settings.

We study human-influenced natural resource and environmental systems through an interdisciplinary approach in collaboration with our campus and external partners.

Our graduates are leaders in natural resources and public and private land management throughout the state, the nation, and the world. The management of natural resources for products and environmental services is vital to political, social, and economic decisions made every day by leaders and citizens and is a key element in our state and regional economy. As faculty members in universities throughout the country, our graduates *are educating the next generation of leaders* in natural resources and environmental issues.

Our faculty research topics of global importance, including *fire ecology, ecological restoration, invasive and endangered species, bioresource science, urban sustainability, climate change, forest health, pulp and paper processing, health/ environment interactions, and natural resources policy*. Committed to the integration of teaching and research, they provide students with real-world experience and hands-on learning in our Pacific Northwest urban-to-wildland laboratory.

Our academic programs use biological-social interactions in the Pacific Northwest as an environment for problem-based, interdisciplinary inquiry. We offer undergraduate programs in *environmental science and resource management* (includes transcripted options in *landscape ecology and conservation, restoration ecology and environmental horticulture, sustainable forest management, and wildlife conservation*) and *bioresource science and engineering*. Graduate study areas include *environmental horticulture and urban forestry, forest ecology, forest soils, forest systems and bioenergy, bioresource science and engineering, restoration ecology, social sciences, sustainable forest management, and wildlife science*.

Our outreach and technical transfer programs provide knowledge and training focusing on *international trade in forest products, precision forestry, regional natural resources, urban ecosystems, and environmental horticulture*.

Our partnerships include *formal interdisciplinary links* across campus as well as *collaborations* with academic institutions, federal, state, and local governments, industry, and Native American natural resources managers.

The School of Forest Resources at a glance

- **Ranking:** The School was rated by its peers among the top three forest science graduate programs in the U.S. in a report released by the National Research Council in October 2010. It was ranked as having the number one graduate and number seven undergraduate forestry programs in the nation in the most recent edition of the Gourman Report.
- **Degrees:** BS, MS, MEH (Master of Environmental Horticulture), MFR (Master of Forest Resources), and PhD
- **Facilities:** *Anderson, Bloedel, and Winkenwerder Halls* are located on the Seattle campus. Major field sites for teaching, research, and outreach include the 4,250-acre *C. L. Pack Experimental Forest* 70 miles south of Seattle, the *Olympic Natural Resources Center* near Forks, Washington, and the *University of Washington Botanic Gardens*, comprising the *Center for Urban Horticulture* on Union Bay, the 60-acre *Union Bay Natural Area*, the *Elisabeth C. Miller Library*, and the 230-acre *Washington Park Arboretum* managed in conjunction with the City of Seattle.
- **Faculty and Staff:** 44 teaching faculty, 4 research faculty, 121 staff (includes research and scientific)
- **Students (academic year 2009-2010):**

	<i>total</i>	<i>women</i>	<i>men</i>
Undergraduate	266	127	139
Graduate	180	90	90
Underrepresented minorities	88	38	50
Degrees awarded	99	49	50
- **Finances (FY10):**

Local/state funding expenditures	7,974,901	Private gifts	\$2,027,002
Grants/contracts expenditures	8,621,768	Number of Endowed Funds	88
Total expenditures	\$16,596,669	Endowment distributions	\$798,997

The School's centers of excellence include:

- The *Center for International Trade in Forest Products*, leading research on the changing character of global trade, secondary manufacturing options for the forest products sector, and environmental tradeoffs.
- The *Center for Sustainable Forestry at Pack Forest*, discovering, teaching, and demonstrating the concepts of sustainable forestry and providing services such as forest certification consulting and technology transfer.
- The *Olympic Natural Resources Center*, engaged in teaching and research about forest and marine management that balances sustainable commodity production with the maintenance of ecological systems.
- The *University of Washington Botanic Gardens*, comprising the *Center for Urban Horticulture* providing research and extensive public service programs about environmental horticulture and urban forestry, the *Washington Park Arboretum*, an urban green space with internationally known plant collections, and the *Union Bay Natural Area*.
- Research cooperatives in *stand management* and in *precision forestry* develop new ways to make forests more productive and forestry processes more efficient, including technology transfer to rural timber-dependent communities. The School participates in a global network on *forest health*, studying the toll of acid rain, ozone depletion, and climate change on the world's forests, is a pioneer in *tree nutrition*, and is developing a strong program in *phytoremediation*, the use of plants in the cleanup and restoration of contaminated sites. The *Northwest Environmental Forum* brings together decision makers and stakeholders to apply science and policy to critical environmental and natural resources management challenges. The School has strong partnerships with Washington State University, the USDA Forest Service, and the USDI National Park Service and U.S. Geological Survey that include courtesy faculty appointments and collaborative research on climate change, landscape and quantitative ecology, management and stewardship of the nation's public lands, and forest and plant health.

Leadership is provided by Interim Director Thomas Hinckley and Associate Director Stephen West. The School is a founding unit in the University of Washington's College of the Environment, established in 2009. The School is committed to diversity, promoting respect for the rights and privileges of others, and the understanding and appreciation of human differences.



Thomas Hinckley, Interim Director

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