

Virtual

CARBON FRIENDLY FORESTRY

a West Coast forest & climate conference

AGENDA

VIRTUAL WEBINAR SERIES | NOVEMBER 1, 8, 15

The annual Carbon Friendly Forestry Conference brings together diverse thinkers to feature approaches to forestry that sustain both ecological integrity and community wellbeing. We invite you to join us in an event that centers the management of the West Coast's working forests around sustainability, equity, and resilience in the time of the climate crisis. The agenda on the following pages outlines this year's sessions and speakers. These webinar presentations will feature efforts in forest and wood product management happening along the West Coast and across the country, that use a variety of approaches to address the climate crisis and its consequences for ecosystems and communities.

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WEDNESDAY, NOVEMBER 1

SMALL FOREST LANDOWNERS, CARBON MARKETS AND CARBON OFFSETS

1:00PM - 1:10PM

Opening Remarks

Alyssa Macy, CEO of Washington Conservation Action

1:10PM - 1:58PM

A Small Forest Landowner's Perspective on Sustainability Opportunities and Carbon Challenges

Richard Pine & Debra Pine, O'Neill Pine Company

O'Neill Pine Company is a third generation, 99.6% female owned, FSC-certified company operating since 1947. As a family operation their connection to the land and trees goes beyond the business of forestry, making sustainable forests both a personal and professional priority. This presentation examines existing opportunities to manage more sustainably, as well as the challenges carbon markets can pose to small forest landowners, what barriers to entry they've experienced, and ideas to improve additionality going forward.

WEDNESDAY, NOVEMBER 1

2:05PM - 2:55PM

Forest Carbon Works & Small Forest Landowner Experiences in the Carbon Market

Sandy Letzing, Forest Carbon Works
David Bugni, Small Forest Landowner

The carbon market is an exciting place these days. Landowners of all sizes are now able to generate revenue from carbon offsets. Formerly, entry to the market was limited to large land holdings. This presentation will feature a current small forest landowner in Oregon, David Bugni, who will talk about his improved forest management (IFM) carbon offset project. The Bugni family signed a 60-year contract with Forest Carbon Works in 2023 to develop and manage the IFM project for the life of the project. David will talk about how this carbon project plays a role in and is integrated into their forest-related activities, including fish and wildlife habitat restoration and recreation, as well as their planned commercial thinning. The family's forest is certified by the American Tree Farm System and the Oregon Tree Farm System.

Forest Carbon Works (FCW) started developing IFM carbon projects in 2016 (primarily in Oregon), with the mission to make long term conservation possible and profitable for family forest owners. Forest Carbon Works' NW Regional Forester Sandy Letzing will explain how improved forest management projects are developed at FCW. This will include details on qualifications for projects, carbon quantification, what the contract entails in terms of forest management, how projects are verified for the highest quality credits, and what this means for payments for private landowners.

3:05PM - 4:45PM

Carbon Markets for Forest Management: State of the Market

Julius Pasay & Jeremy Koslowski, The Climate Trust

The Climate Trust was formed in 1997 to manage carbon offset acquisition programs and projects for organizations seeking to reduce their carbon footprint. The first half of the presentation will cover an over view of current carbon programs (compliance and voluntary), registries, and pricing, as well as current trends, criticisms and responses. The second half of the presentation will examine improved forest management (IFM), reforestation, and afforestation projects, and the opportunities, protocols, and challenges associated with each project type.

4:45PM - 5:00PM

Closing Remarks

WEDNESDAY, NOVEMBER 8

FOREST & CARBON SCIENCE FOR MANAGEMENT IN THE PACIFIC NORTHWEST

1:00PM - 1:10PM

Opening Remarks

1:10PM - 1:55PM

Not Just Carbon: Capturing and Valuing ALL the Climate Benefits of Forests

Max Wright, Conservation International

For the past 15 years policy makers have understood the importance of forests for meeting our global climate goals. Forests play an important role in the regulation of greenhouse gases through the emission and sequestration of CO₂. However, forests also provide other non-carbon climate benefits across local, regional, and global scales. The four primary processes that influence climate are albedo, surface roughness, evapotranspiration, and biogenic volatile organic compounds (BVOCs). The interactions of these biophysical effects can have a significant impact on the temperatures, especially at the local and regional level. Accounting for all the climate benefits that forests provide is critical to addressing the climate crisis and informing forest management. In this presentation we will explore the non-carbon benefits of forests globally and how those benefits are relevant in the context of the forests in the northwestern United States.

2:05PM - 2:55PM

Increasing carbon storage in the working forests of Canada and the United States

Amy Clark Eagle, Forest Stewardship Council US

The Forest Stewardship Council (FSC) has been providing assurance of responsible forest management since the mid-1990s, as a way of achieving our mission "to promote environmentally sound, socially beneficial and economically prosperous management of the world's forests." However, much has changed globally since that time, and these forces are driving changes within the FSC system, including recognition that FSC certification can be a powerful nature-based solution for fighting climate change.

The FSC U.S. national office, with support from our colleagues at FSC Canada, embarked on a journey to identify just how big of an impact our practices are having on carbon storage on a regional level in Canada and the United States in forests that are also supplying the critical forest products we depend on for everyday life. This presentation will share the results from a preliminary analysis of FSC practices—including case studies from major forest regions in Northern California, Western Canada, and the Gulf Coast—which suggest that FSC-certified forests in Canada and the United States store more carbon on average compared to forests managed with common practices.

WEDNESDAY, NOVEMBER 8

3:05PM - 3:55PM

Assessing a Community's Greenhouse Gas Impact from Forests and Trees using the LEARN Tool

Cindy Jayne, Jefferson County Climate Action Committee

Catharine Copass, Olympic Forest Coalition

Commissioner Heidi Eisenhour, Jefferson County

Jefferson County, WA's Climate Action Committee used the [LEARN](#) tool to create a greenhouse gas inventory of forested lands within the County. This valuable, cost-free tool uses the National Land Cover Database and other existing databases to estimate carbon sequestration and emissions associated with landcover change over time. The LEARN tool tracks sequestration in undisturbed or regrowing forests as well as emissions from changes in land cover due to forest harvest, insects, fire and other disturbances.

The study assessed the carbon impact of forest change across various subareas of the County including state DNR managed lands, federal forests, national park, commercial/industrial private forest land, small landowners, county owned land, the City of Port Townsend Urban Growth Area (UGA), and the Port Hadlock UGA. The analysis for the City of Port Townsend included a tree canopy assessment using the i-Tree tool.

This presentation will delve into the driving factors behind this analysis, methodology, results, lessons learned, and next steps. Additionally, it will highlight the potential for replication in other communities and the role the LEARN tool can play within the broader context of a community's overall greenhouse gas analysis.

3:55PM - 4:20PM

Remarks from the Commissioner of Public Lands

Commissioner of Public Lands Hilary Franz, Department of Natural Resources

WEDNESDAY, NOVEMBER 15

CLIMATE SMART WOOD AND SUPPLY CHAINS

1:00PM - 1:10PM

Opening Remarks

1:10PM - 1:55PM

Building the Climate Smart Wood Economy

Aaron Everett, Climate Smart Wood Group

Micah Stanovsky, Sustainable Northwest

Seth Zuckerman, Northwest Natural Resource Group

Brent Davies, Vibrant Planet Data Commons

A coalition of nonprofit and for-profit partners has launched an ambitious climate-smart forestry initiative in the Pacific Northwest. The project aims to connect landowners taking action to improve forest health, climate resilience, and carbon storage with green builders who are increasingly demanding this material—and measure progress along the way through a robust data collection and sharing process. Representatives of the 8-organization collaboration will share the strategy, activities, and goals of this \$25 million USDA grant over the 5 year program, and invite community discussion and questions on the effort.

2:05PM - 2:55PM

Yakama Forest Products Supply Chain

Steve Rigdon, Yakama Forest Products

Ryan Sanchez, Yakama Nation

Brad Rodakowski, Prime Forest Products

3:05PM - 3:55PM

Microsoft Campus Modernization: A case study on timber preservation and use

Kyra Bruns, Maggie Goodman, Angi Rivera, and Pauline Souza

The Microsoft Campus Modernization project established rigorous sustainability requirements for the project with an emphasis on reducing embodied carbon and legacy stand preservation. As part of its Carbon Negative by 2030 ambition, in construction of its new 72-acre campus, Microsoft focused on protecting this legacy stand of trees and its wildlife inhabitants, and created a comprehensive salvaged wood use plan, to ensure that all usable timber would be repurposed on site. This presentation will focus on using harvested wood as structural and finished materials as part of an overall embodied carbon reduction strategy. In this session you'll learn: sustainability drivers for the project; FSC versus local sourcing requirements; ways to protect trees during construction; ways to salvage trees and use the wood; and challenges and successes with wood procurement.

WEDNESDAY, NOVEMBER 15

4:05PM - 4:50PM

Driving Action on Embodied Carbon in Buildings

Wes Sullens, U.S. Green Building Council

Earlier this year, USGBC and RMI embarked on a joint research partnership to advance industry knowledge on reducing embodied carbon emissions from building materials. This research partnership is focused on:

- Understanding the state of the data on embodied carbon impacts from building materials
- Determining the size of the opportunity to quickly reduce embodied carbon from standard building practices
- Surveying current and emerging benchmarking standards for buildings and materials
- Navigating the embodied carbon impacts and trade-offs of wood, concrete and steel structures
- Clarifying the role of reuse, recycling and circularity in reducing embodied carbon
- Assessing the emerging and future technologies of carbon sequestering materials

The research points toward bold and deliberate embodied-carbon reductions from building materials that can happen now. These include recommendations for high-impact product categories including structural materials, enclosure systems, and finishes. This session will share findings and engage in a dialogue about the current and future state of embodied carbon of building materials with a focus on wood products.

4:45PM - 5:00PM

Closing Remarks

THURSDAY, NOVEMBER 16

4:00PM - 7:00PM

Seattle Area Happy Hour

Two Beers, 4700 Ohio Ave S, Seattle, WA 98134

We would like to invite those of you who live in the Seattle Area to join us for a Happy Hour this Thursday evening after the conclusion of the 2023 Virtual Carbon Friendly Forestry Conference. Seattle-area attendees of the Virtual Carbon Friendly Forestry Conference are welcome.
