Aaron Weiskittel
University of Maine, Center for Research on Sustainable Forests
5755 Nutting Hall, Orono, ME 04469-5755
aaron.weiskittel@maine.edu; 207-581-2857
ORCID: 0000-0003-2534-4478

Education

Oregon State University, Ph.D. (Forest Science), 2006
Oregon State University, M.S. (Forest Resources), 2003
The Ohio State University, B.S. (Natural Resources), 2001

Employment

2018 – Present, Professor of Forest Biometrics and Modeling, University of Maine, Orono, Maine
2018 – Present, Director, Center for Advanced Forestry Systems, National Science Foundation, Washington, DC
2016– Present, Co-Executive Director, Northeastern States Research Cooperative, Orono, Maine
2016 – Present, Director, Center for Research on Sustainable Forests, University of Maine, Orono, Maine
2013 – 2018, Associate Professor of Forest Biometrics and Modeling, University of Maine
2010 – Present, Irving Chair of Forest Ecosystem Management, University of Maine, Orono, Maine
2009 – 2016, Cooperating Scientist, Cooperative Forestry Research Unit, University of Maine, Orono, Maine
2008 – 2013, Assistant Professor of Forest Biometrics and Modeling, University of Maine, Orono, Maine
2006 – 2007, Research Forester, Weyerhaeuser Company, Federal Way, WA
2001 – 2006, Graduate Research Assistant, Oregon State University, Corvallis, OR

Grants

PI/Co-PI on >$32.3 million numerous research grants from USDA, NSF, and NASA

Selected Publications

Daigneault, A., Simons-Legaard, E., and Weiskittel, A. 2024. Tradeoffs and synergies of optimized management for maximizing carbon sequestration across complex landscapes and diverse ecosystem services. Forest Policy and Economics. 103178.

Chivhenge, E., Ray, D.G., Weiskittel, A.R., Woodall, C.W., and D'Amato, A.W. 2024. Evaluating the development and application of stand density index for the management of complex and adaptive forests. Current Forestry Reports: https://doi.org/10.1007/s40725-024-00212-w.

Shannon, E.S., Finley, A.O., Hayes, D.J., Noralez, S.N., Weiskittel, A.R., Cook, B.D., Babcock, C. 2024. Quantifying and correcting geolocation error in spaceborne LiDAR forest canopy observations using high spatial accuracy data: A Bayesian model approach. Environmetrics: e2840.

Zhao, J., Daigneault, A., **Weiskittel, A.**, and Wei, X. 2023. Climate and socioeconomic impacts on Maine's forests under alternative future pathways. Ecological Economics 214: 107979.