

**Beverly E. Law**

**Title:** Professor Emeritus of Global Change Biology & Terrestrial Systems Science

**Department:** Forest Ecosystems & Society

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**Education:**

PhD, 1993, Forest Science, Oregon State University

BS, 1980, Forest Resources & Conservation, University of Florida

**Research Areas:**

Biogeosciences

Global Change Biology

Forest Carbon

Biodiversity

Climate Change

**Research Topics:**

- Natural solutions for climate change: Land use strategies for climate mitigation and adaptation
- Integrated regional analysis of climate change, forest carbon and biodiversity
- Effects of drought, wildfire and management on forest carbon and water
- Science and policy

**Awards:**

2014 American Geophysical Union Fellow

2017-2019 Clarivate Analytics most highly cited researcher, top 1% most cited cross-field

2004 Earth Leadership Fellow

2004 World Meteorological Organization International Award, publication of the year

**Selected Publications (total 250), Google Scholar H-index: 102 (last visited 08/12/21):**

1. Ripple, W.J., C. Wolf, T.M. Newsome, J.W. Gregg, T.M. Lenton, I. Palomo, J.A.J. Eikelboom, B.E. Law, S. Huq, P.B. Duffy, J. Rockström. Scientists' warning of a climate emergency. 2021. *Biosci.* <https://doi.org/10.1093/biosci/biab079>
2. Baker, C.V., E. Dovichin, N. Fresco, N. Dawson, A. Joshi, B.E. Law, K. Lertzman, S. Rupp, F. Schmiegelow, E.J. Trammell. The importance of Alaska for climate stabilization, resilience and biodiversity conservation. *Front. For. Glob. Change.* doi: 10.3389/ffgc.2021.701277
3. Buotte, P.C., B.E. Law, W.J. Ripple, L.T. Berner. 2020. Carbon sequestration and biodiversity co-benefits of preserving forests in the western United States. *Ecol. Applic.* 30(2):e02039. [10.1002/eap.2039](https://doi.org/10.1002/eap.2039)
4. Mildrexler, D., L.T. Berner, B.E. Law, R.A. Birdsey, W.R. Moomaw. 2020. Large trees dominate carbon storage east of the Cascade crest in the U.S. Pacific Northwest. *Front. For. Glob. Change.* doi.org/10.3389/ffgc.2020.594274
5. Law, B.E., T.W. Hudiburg, L.T. Berner, J.J. Kent, P.C. Buotte, and M. Harmon. 2018. Land use strategies to mitigate climate change in carbon dense temperate forests. *Proc. Nat. Acad. Sci.* 115(14):3663-3668. <https://doi.org/10.1073/pnas.1720064115>
6. Hudiburg, T.W., B.E. Law, W.R. Moomaw, M.E. Harmon, J.E. Stenzel. 2019. Meeting GHG reduction targets requires accounting for all forest sector emissions. *Env. Res. Lett.* 14: 095005.