CURRICULUM VITAE

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PROFESSIONAL EXPERIENCE

- 2018- Emeritus Senior Research Biologist, U.S. Forest Service, Pacific Northwest Research Station, Climate Science Applications Team; and Professor, School of Environmental and Forest Sciences, University of Washington, Seattle, WA
- 2014-15 Senior Research Biologist, U.S. Forest Service, Pacific Northwest Research Station, Climate Science Applications Team; and Professor, School of Environmental and Forest Sciences, University of Washington, Seattle, WA
- 2001-13 Research Biologist (Team Leader), U.S. Forest Service, Pacific Northwest Research Station, Fire and Environmental Research Applications Team; and Professor, School of Environmental and Forest Sciences, University of Washington, Seattle, WA
- 1989-01 Research Biologist (Field Station Leader), National Park Service and U.S. Geological Survey; and Professor, College of Forest Resources, University of Washington, Seattle, WA
- 1984-89 Research Ecologist, U.S. Forest Service, Atmospheric Deposition Effects Research Work Unit, Pacific Southwest Research Station, Riverside, CA; Unit Leader 1988-89
- 1981-84 Research Ecologist, U.S. Forest Service, Fire Management Planning Research Work Unit, Pacific Southwest Research Station, Riverside, CA

EDUCATION

1980 Ph.D. Forest Ecology, University of Illinois, Urbana

FIELDS OF SCIENTIFIC INTEREST

Fire science and fire ecology

Effects of climate change on biological and human systems

Mountain ecology and subalpine forest ecology

Effects of environmental stress on tree growth and forest ecosystems

Resource management on public lands

Ecological scale applications

PUBLICATIONS

- Halofsky, J.E., S.A. Andrews-Key, J.E. Edwards, M.H. Johnston, H.W. Nelson, D.L. Peterson, K.M. Schmitt, C.W. Swanston, and T.B. Williamson. 2018. Adapting forest management to climate change: the state of science and applications in Canada and the United States. *Forest Ecology and Management* 41:84-97.
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 Station, Fort Collins, CO.
- Halofsky, J.E., D.L. Peterson, and H. Prendeville. 2018. Assessing vulnerabilities and adapting to climate change in Northwestern U.S. forests. Climatic Change 146:89-102.
- Halofsky, J.E. and D.L. Peterson (eds.). 2017. Vulnerability and adaptation to climate change in the Blue Mountains. USDA General Technical Report PNW-GTR-939. Pacific Northwest Research Station, Portland, OR.
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- Buotte, P.C., D.L. Peterson, K.S. McKelvey, and J.A. Hicke. 2016. Capturing subregional variability in regional-scale climate change vulnerability assessments of natural resources. *Journal of Environmental Management* 169:313-318.
- Halofsky, J.E., D.L. Peterson, L.A. Joyce, C.I. Millar, J.M. Rice, and C.W. Swanston. 2016. Implementing climate change adaptation in forested regions of the western United States.

- Pages 165-178 in V.A. Sample and R.P. Bixler (eds.), Forest Conservation and Management in the Anthropocene. University Press of Colorado, Boulder.
- Halofsky, J.E., D.L. Peterson, K.L. Metlen, M.G. Myer, and V.A. Sample. 2016. Developing and implementing climate change adaptation options in forest ecosystems: a case study in southwestern Oregon, USA. *Forests* 7, 268: doi:10.3390/f7110268
- Halofsky, J.E. and D.L. Peterson. 2016. Climate change vulnerabilities and adaptation options for forest vegetation management in the northwestern USA. *Atmosphere* 7,46; doi:10.3390/atmos7030046.
- Halofsky, J.E. and D.L. Peterson. 2016. Understanding and managing the effects of disturbance on forests. *Northwest Woodlands* 32(3):8-11.
- Littell, J.S., D.L. Peterson, K.L. Riley, Y. Liu, and C.H. Luce. 2016. A review of the relationships between drought and forest fire in the United States. *Global Change Biology* 22:2353-2369.
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- Kang, S., S.W. Running, J.S. Kimball, D.B. Fagre, A. Michaelis, D.L. Peterson, J.E. Halofsky, and S. Hong. 2014. Effects of spatial and temporal climatic variability on terrestrial carbon and water fluxes in the Pacific Northwest, USA. *Environmental Modelling and Software* 51:228-239.
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