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EDUCATION

- 2007 Ph.D., Forest Ecology, Oregon State University, Corvallis, OR
2002 M.S., Forest Resources, The Pennsylvania State University, University Park, PA
1999 B.S., Environmental Studies, Bucknell University, Lewisburg, PA
1998 Study Abroad, School for Field Studies, Centre for Rainforest Studies, Queensland, Australia

PROFESSIONAL EXPERIENCE

- 2008 – Present Post-Doctoral Research Ecologist, University of Washington, School of Environmental and Forest Sciences, Seattle, WA (Supervisor: David L. Peterson)
- Conduct research on the interacting effects of climate change and land management on disturbance regimes and vegetation
 - Work with resource agencies to facilitate adaptation to climate change
 - Interpret and distill scientific information on climate change and potential impacts of climate change for resource managers (communicated through written and oral reports)
 - Foster partnerships and facilitate workshops with scientists and managers to develop climate change adaptation strategies and options for resource management
 - Supervise supporting employees
- 2007 Post-doctoral Research Scientist, Department of Forest Science, Oregon State University, Corvallis, OR (Supervisor: David Hibbs)
- Aided in the design and sampling for study on historic stand structure and fire history in riparian forests of southwestern Oregon
 - Re-measured post-fire riparian vegetation recovery plots
 - Supervised three-person field crew
 - Conducted statistical and dendroecological analyses
- 2006 Co-instructor, Department of Forest Science, Oregon State University, Corvallis, OR
- Co-instructed course on fire ecology
 - Developed syllabus and selected course reading material
 - Facilitated class discussions
- 2005 Co-Instructor, Department of Forest Science, Oregon State University, Corvallis, OR
- Co-instructed course on posing researchable questions in fire ecology
 - Developed syllabus and selected course reading material
 - Lectured on current research in fire ecology
 - Facilitated class discussions

- 2003 Research Assistant, Department of Landscape Architecture, Rutgers University, New Brunswick, NJ (Supervisor: Jean Marie Hartman)
- Edited scientific documents
 - Assisted in research on endangered plant populations, invasive species management, and wetland restoration in the state of New Jersey
- 2002 Research Assistant, School of Forest Resources, the Pennsylvania State University, University Park, PA (Supervisor: William Sharpe)
- Assisted in fieldwork and research on the effects of acid deposition on streams and forest ecosystems in Pennsylvania
- 2001 Research Assistant, School of Forest Resources, the Pennsylvania State University, University Park, PA (Supervisor: Todd Bowersox)
- Assisted in fieldwork and research on the effects of municipal wastewater application on forest regeneration in Pennsylvania
- 2000-2002 Teaching Assistant, School of Forest Resources, the Pennsylvania State University, University Park, PA (Supervisor: Larry McCormick)
- Instructed section of field dendrology course
 - Conducted and graded student quizzes
- 2000 Research Assistant, Department of Biology, Bucknell University, Lewisburg, PA (Supervisor: Warren Abrahamson)
- Assisted in studies of goldenrod and gall-inducing insect species
- 1999 McKenna Environmental Intern, Department of Biology, Bucknell University, Lewisburg, PA (Supervisor: Ben Marsh)
- Compared species composition and forest structure along clear-cut chronosequence
- 1999 Teaching Assistant, Department of Biology, Bucknell University, Lewisburg, PA (Supervisor: Warren Abrahamson)
- Helped to conduct labs for introductory biology course
 - Graded student lab reports and exams

REFEREED PUBLICATIONS

- Creutzburg, M.K., J.E. Halofsky, J.S. Halofsky, and T.A. Christopher. Climate change and land management in the rangelands of central Oregon. *Environmental Management*. *In press*.
- Halofsky, J.E., M.K. Creutzburg, M.A. Hemstrom, editors. 201x. Integrating social, economic, and ecological values across large landscapes. Gen.Tech. Rep. PNW-GTR-xxx. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. *In press*.
- Halofsky, J.E., D.L. Peterson, and K.W. Marcinkowski. 201x. Climate change adaptation in United States federal natural resource science and management agencies: a synthesis. Washington, D.C.: U.S. Global Change Research Program. *In press*.
- Halofsky, J.S., J.E. Halofsky, T. Burcsu, and M.A. Hemstrom. 201x. Potential effects of climate change and management in dry forests of central Oregon. *Ecological Applications*. *In press*.

- Halofsky, J.E., D.L. Peterson, L.A. Joyce, C.I. Millar, J.M. Rice, and C.W. Swanston. 2014. Implementing climate change adaptation in forested regions of the United States. *In* Sample, V.A. and R.P. Bixler (editors), Forest conservation and management in the anthropocene: conference proceedings. Proceedings RMRS-P-71. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 494 p.
- 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(2014): 228-239.
- Sample, A., J.E. Halofsky, and D.L. Peterson. 2014. U.S. strategy for forest management adaptation to climate change: building a framework for decision making. *Annals of Forest Science* 71(2014): 125–130.
- Halofsky, J.E., M.A. Hemstrom, D.R. Conklin, J.S. Halofsky, B.K. Kerns, and D. Bachelet. 2013. Assessing potential climate change effects on vegetation using a linked model approach. *Ecological Modelling* 266(2013): 131-143.
- Johnson, M.C., J.E. Halofsky, D.L. Peterson, and J. Bergin. 2013. Effects of salvage logging and pile-and-burn on fuel loading, potential fire behavior, fuel consumption, and emissions. *International Journal of Wildland Fire* 22(6): 757-769.
- Chmura, D.J., P.D. Anderson, G.T. Howe, C.A. Harrington, J.E. Halofsky, D.L. Peterson, D.C. Shaw, and B. St. Clair. 2011. Forest responses to climate change in the northwestern United States: ecophysiological foundations for adaptive management. *Forest Ecology and Management* 261(7): 1121-1142.
- Halofsky, J.E., D.C. Donato, D.E. Hibbs, J.L. Campbell, M. Donaghy-Cannon, J.B. Fontaine, J.R. Thompson, R.G. Anthony, L.J. Kayes, B.E. Law, D.L. Peterson, and T.A. Spies. 2011. Mixed-severity fire regimes: lessons and hypotheses from the Klamath-Siskiyou Ecoregion. *Ecosphere* 2(4), Article 40.
- Halofsky, J.E., D.L. Peterson, M.J. Furniss, L.A. Joyce, C.I. Millar, and R.P. Neilson. 2011. A workshop approach for developing climate change adaptation strategies and actions for natural resource management agencies in the U.S. *Journal of Forestry* 109(4): 219-225.
- Halofsky, J.E., D.L. Peterson, K.A. O'Halloran, and C. Hawkins Hoffman. 2011. Adapting to climate change at Olympic National Forest and Olympic National Park. General Technical Report PNW-GTR-844. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 130 p.
- Peterson, D.L., J.E. Halofsky, and M.C. Johnson. 2011. Managing and adapting to changing fire regimes in a warmer climate. *In* D. McKenzie, C. Miller, and D. Falk (editors), *The landscape ecology of fire*. New York: Springer.
- Peterson, D.L., C.I. Millar, L.A. Joyce, M.J. Furniss, J.E. Halofsky, R.P. Neilson, and T.L. Morelli. 2011. Responding to climate change in National Forests: a guidebook for developing adaptation options. General Technical Report PNW-GTR-855. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 109 p.
- Furniss, M.J., C.I. Millar, D.L. Peterson, L.A. Joyce, R.P. Neilson, and J.E. Halofsky. 2009. Adapting to climate change: a short course for land managers. General Technical Report PNW-GTR-789. Portland, OR: US Department of Agriculture, Forest Service, Pacific Northwest Research Station. DVD and online at <http://www.fs.fed.us/ccrc/>
- Halofsky J.E., and D.E. Hibbs. 2009. Controls on early post-fire woody plant colonization in riparian areas. *Forest Ecology and Management* 258: 1350-1358.
- Halofsky, J.E., and D.E. Hibbs. 2009. Relationships among indices of fire severity in riparian zones. *International Journal of Wildland Fire* 18: 584–593.
- Halofsky, J.E., and D.E. Hibbs. 2008. Determinants of riparian fire severity in two Oregon fires, USA. *Canadian Journal of Forest Research* 38: 1959-1973.

- Halofsky, J.E., and L.H. McCormick. 2005. Effects of unseeded areas on species richness of coal mines reclaimed with municipal biosolids. *Restoration Ecology* 13(4): 630-638.
- Halofsky, J.E., and L.H. McCormick. 2005. Establishment and growth of experimental grass species mixtures on coal mine sites reclaimed with municipal biosolids. *Environmental Management* 35: 1-10.
- Sharpe, W.E., and J.E. Halofsky. 2004. Hay-scented fern (*Dennstaedtia punctilobula*) and sugar maple (*Acer saccharum*) seedling occurrence with varying soil acidity in Pennsylvania. In Hix, D.M., P.C. Goebel, D.A. Yaussy, and R.P. Long (editors), *Proceedings of the 14th Central Hardwoods Forest Conference*. USDA Forest Service General Technical Report GTR-NE-316. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Research Station. pp. 265-270.

SELECTED INVITED ORAL PRESENTATIONS

- Halofsky, J.E., and D.L. Peterson. December 2013. Boots on the ground: science-management partnerships facilitate climate change adaptation in the U.S. Forest Service. Invited oral presentation for the American Geophysical Union Annual Meeting, San Francisco, CA.
- Halofsky, J.E., and D.L. Peterson. September 2013. Implementing climate change adaptation in forested regions of the United States. Invited oral presentation for the Forest Conservation in the Anthropocene Symposium, Pinchot Institute for Conservation, Washington, DC.
- Halofsky, J.E., D.L. Peterson, and K.W. Marcinkowski. September 2013. Climate change adaptation in U.S. federal land and water management agencies: a synthesis. Invited oral presentation for the Interagency Land Management Adaptation Group, Washington, DC.
- Halofsky, J.E., and E.B. Henderson. April 2013. Integrating climate change into landscape planning. Invited oral presentation for the Landscape Assessment Tools and Processes for Forest and Project Planning Workshop, Corvallis, OR.
- Halofsky, J.E., and D.L. Peterson. February 2013. Climate change in Pacific Northwest forests: can we adapt? Invited oral presentation for the Sustainable Forestry Initiative Implementation Committee, Tumwater, WA.
- Halofsky, J.E., and D.L. Peterson. November 2011. Climate change adaptation on the Olympic Peninsula. Invited oral presentation for the Workshop on Climate Change Adaptation for Vegetation Management in the North Cascadia Ecosystem. Seattle, WA.
- Halofsky, J.E., D.L. Peterson, and M.C. Johnson. June 2011. Adapting to changing fire regimes in the western United States. Invited oral presentation for the North American Forest Ecology Workshop, Special Session on Climate Change Adaptation, Roanoke, Virginia.
- Halofsky, J.E., and M.C. Johnson. November 2010. Implications of climate change on fire and thinning prescriptions. Forest Service Region 6 Joint Fuels/Ecology, Silviculture Meeting, Bend, OR.
- Halofsky, J.E. May 2010. Potential impacts of climate change on riparian forests in the Pacific Northwest. U.S. Forest Service Region 6 Aquatic/Watershed Program Managers Meeting, Vancouver, WA.
- Halofsky, J.E., and B. Kerns. April 2010. Developing the scientific basis for adaptation: the WestWide Climate Initiative. *Adapting to Climate Change in National Forests: A Workshop for Resource Managers*, Stevenson, WA.
- Halofsky, J.E., and D.L. Peterson. June 2009. Potential effects of climate change on mixed severity fire regimes. Seventh North American Forest Ecology Workshop, Logan, Utah.
- Halofsky, J.E., and D.L. Peterson. February 2009. Climate change: potential impacts on water resources and adaptation options. USDA Forest Service, Water Resources Management for Line and Staff Officers, Sedona, AZ.

- Halofsky, J.E., and D.L. Peterson. January 2009. Climate change effects and adaptation options for forest ecosystems in the west. U.S. Fish and Wildlife Service and the U.S. Geological Survey, Climate Change, Natural Resources, and Coastal Management Workshop, San Francisco, CA.
- Halofsky, J.E., and D.E. Hibbs. December 2008. Controls on early post-fire colonization patterns in riparian areas. Pacific Coast Fire Conference: Changing Fire Regimes, Goals, and Ecosystems, San Diego, CA.
- Halofsky, J.E., and D.L. Peterson. November 2008. Climate Change: Implications for fire regimes in Pacific Northwest Forests. Oregon Watershed Enhancement Board, Working for Healthy Watersheds: Climate Change and Watershed Resilience Conference, Salem, OR.
- Halofsky, J.E. October 2008. Managing forests today with an eye on tomorrow: Climate change. Oregon State University Extension Service, Women Owning Woodlands Network, Salem, OR.

CURRENT PROFESSIONAL ACTIVITIES

- Associate Editor, Northwest Science, 2010-present
 Science Editor, Climate Change Resource Center website, 2012-present
 Member, Ecological Society of America

GRANTS

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| 2014 | North Pacific Landscape Conservation Cooperative, Co-PI (\$50,000) |
| 2012 | USGS Northwest Climate Science Center, Co-PI (\$267,740) |
| 2009 | American Recovery and Reinvestment Act Grant, PI on sub-award (\$350,000) |

AWARDS AND FELLOWSHIPS

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| 2005, 2006 | Outstanding Student Achievement Award, PhD student, Department of Forest Science, Oregon State University |
| 2006 | Gamma Sigma Delta, the Honor Society of Agriculture, Oregon State University Chapter |
| 2006 | Dorothy D. Hoener Memorial Fellowship, College of Forestry, Oregon State University |
| 2005 | Robert Tarrant Fellowship, Department of Forest Science, Oregon State University |
| 2005 | Oregon Sports Lottery Scholarship, Oregon State University |
| 2004 | College of Forestry Graduate Fellowship, College of Forestry, Oregon State University |
| 2003 | Warren R. Randall Memorial Fellowship, College of Forestry, Oregon State University |
| 2001 | Xi Sigma Pi National Forestry Honor Society |
| 2000-2002 | Gifford Pinchot Scholarship, School of Forest Resources, Penn State University |