

ABBREVIATED CURRICULUM VITA

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Education

1981	B.S.L.A.	Colorado State University, College of Forestry and Natural Resources Ft. Collins, Colorado
1984	M.L.A.	(Distinction) Harvard University Graduate School of Design Cambridge, Massachusetts

Honors

1985	Fulbright Scholar
1989	Young Researcher Award of Distinction, Council of Educators in Landscape Architecture
1994	President's Service Award, American Society of Landscape Architects
1999	UO Fellow, Consortium of Asian & Pacific Rim Universities
2004	Philip H. Knight Professor in Landscape Architecture
2005	US IALE Distinguished Landscape Practitioner Award
2012	<i>Design Intelligence</i> 25 Most Admired Faculty
2012	International RiverPrize – group submission for Willamette River

Employment

2004-present	Philip H. Knight Professor, University of Oregon
1999-present	Professor, University of Oregon
1995-2000	Department Head, Dept. of Landscape Architecture, University of Oregon
1985-1999	Asst./Associate Professor, University of Oregon
1984-1985	Visiting Asst Professor, Universita' di Firenze, Florence, Italy

Selected Recent Professional Service

Science Advisory Board for the Oregon Climate Change Research Institute 2010-present
Science/technology Committee for the Oregon Global Warming Commission 2008-2010
National Science Foundation LTER Science Task Force Advisory Committee 2004-2006
State of the Nation's Ecosystem Report, 2001-2005
Willamette Partnership Board of Directors 2005-2010
McKenzie River Trust Lands Committee 2004-present
Science Advisor – Grand Canyon Monitoring and Research Center, 2001-2004

Peer Reviewed Publications of last 5 years

Santelmann, M.V., J. McDonnell, J. Bolte, s. Chan, A.T. Morzillo, and D. Hulse. 2012. Willamette water 2100: River basins as complex social-ecological systems. In: *The Sustainable City VII*, Vol. 1, 575-586. ed. M. Pacetti. WIT Transactions on Ecology and The Environment, Vol 155 ISBN: 978-1-84564-578-6

Gregory, S., D. Hulse, M. Bertrand, D. Oetter. 2012. The role of remotely sensed data in future scenario analyses at a regional scale. Ch. 12 in Carbonneau, P. and H. Piegay (eds). Fluvial Remote sensing for Science and management. Wiley and Sons. ISBN: 978-0-470-71427-0.

Jaeger, W.K., A.J. Plantinga, H. Chang, G. Grant, D. Hulse, J. McDonnell, H. Moradkhani A.T. Morzillo, P. Mote, A. Nolin, M. Santelmann, J. Wu. In review. Toward a formal definition of water scarcity in natural-human systems. Journal of Water Resources Research.

D. Hulse, A. Branscomb, C. Enright, J. Bolte. 2009 Anticipating floodplain trajectories through alternative futures analysis. Journal of Landscape Ecology. (24):8 pp. 1067-1090. DOI:10.1007/s10980-008-9255-2.

M. Guzy, C. Smith, J. Bolte, D. Hulse, S. Gregory. 2008. Policy research employing agent-based modeling to assess future impacts of urban expansion onto farm and forest lands. Ecology and Society 13(1): 37.

Liu, Y., M. Mahmoud, H. Hartmann, S. Stewart, T. Wagener, D. Semmens, R. Stewart, H. Gupta, D. Dominguez, D. Hulse, R. Letcher, B. Rashleigh, C. Smith, R. Street, J. Ticehurst, M. Twery, H. van Delden, R. Waldick, D. White, and L. Winter. 2007. Formal scenario development for environmental impact assessment studies, in State of the Art and Futures in Environmental Modeling and Software, edited by Jakeman, A., A. Voinov, A. E. Rizzoli, and S. Chen, IDEA Book Series, Elsevier.

J. P. BOLTE, D.W. HULSE, S.V. GREGORY, C. SMITH. 2007. Modeling biocomplexity -- actors, landscapes and alternative futures. Env. Modeling and Software. 22(5) 570-579.

Research Support and Collaborators of last 10 years

- National Science Foundation Coupled Human/Natural Systems Program., The Interactions of Climate Change, Land-Management Policies, and Forest Succession on Fire Hazard and Ecosystem Trajectories in the Wildland-Urban Interface. 2008 – 2013. \$306,000.
- National Oceanic and Atmospheric Administration Regional Integrated Science Assessment. Climate Impacts Research Consortium, 2010 – 2015. \$526,000.
- National Science Foundation Water, Sustainability and Climate Program., Willamette Water 2100., 2010 – 2015. \$187,000.
- Meyer Memorial Trust., Expanding an information framework for research, monitoring and evaluation in the Willamette River floodplain., 2012 – 2014. \$141,000.
- Oregon Watershed Enhancement Board., Linking cold-water refuges into a biologically effective network., 2008 – 2011. \$166,734.
- U.S. Army Corps of Engineers., Cooperative Agreement., Prioritizing Willamette Project revetments for removal or modification to restore natural river functions. \$70,000. 2011-2012.

- U.S. Environmental Protection Agency., Harnessing the hydrologic disturbance regime: sustaining multiple benefits in large river floodplains in the PNW"., 2005 – 2008. \$288,000.
- National Science Foundation Biocomplexity Program., "Interactions of riparian pattern, policy and biocomplexity in coupled human/riverine systems"., Oregon State University and the University of Oregon., 2001 – 2006. \$560,000.
- U.S. Environmental Protection Agency., "Pacific Northwest Ecosystem Research Consortium"., A multi-university consortium consisting of Oregon State University, the University of Oregon, and the University of Washington. 1995 – 2002. \$1.84 million.
- National Science Foundation/U.S. Environmental Protection Agency – NCERQA., "Ecological, Demographic and Economic Evaluation of Opportunities and Constraints for Riparian Restoration". 1997 – 2001. \$373,000.

Research Collaborators of the past five years

Stan Gregory, John Bolte, Dixon Landers, Bart Johnson, Rob Ribe, Roy Haggerty, Ed Whitelaw, Sara Vickerman, Hal Salwasser, Kathy Freemark, Joe Eilers, Denis White, Steve Polasky, Warren Cohen, Gordon Grant, Rick Edwards, Joan Baker, John Van Sickle, Court Smith, Steve Radosevich

Graduate Student Dissertation and Thesis Advisees of the past five years

Chris Enright (Ph.D.), Homero Penteado (Ph.D.), Christo Brehm (Ph.D.), Suzanne Walther (GEOG) (Ph.D.), Jim Figurski, Liz Podowski, Stephanie Bailey, Thomas Bennett, Rachel Aronson, Sara Robertson, Amy Annino, Christo Brehm.

Own Graduate Advisors

Carl Steinitz, Laurie Olin, John Stilgoe

Brief Biographical Sketch of David W. Hulse

David Hulse is Philip H. Knight Professor and former Chair in Landscape Architecture at the University of Oregon and a founding member of the University's Institute for a Sustainable Environment. His expertise is in the area of geographic information systems and the use of computer-based tools for facilitating land use planning and natural resource decision-making. He has worked extensively as a landscape planner in the U.S. and abroad. Current efforts include work with colleagues at the National Science Foundation, the National Oceanic and Atmospheric Administration, Meyer Memorial Trust, the Oregon Watershed Enhancement Board, the U.S. Army Corps of Engineers and Oregon State University on development of spatial decision support systems for creating and evaluating alternative land and water use futures in Oregon's Willamette River Basin and elsewhere in the Pacific Northwest. Hulse is a graduate of Harvard University's Graduate School of Design, a Fulbright Scholar; a recipient of the US Chapter of the International Association for Landscape Ecology's Distinguished Landscape Practitioner Award, a recipient of a group award of the 2012 International RiverPrize for work in the Willamette basin, and in 2012 was named by Design Intelligence as one of the 25 Most Admired Teachers nationally in environmental design.