

DAVID W. HULSE

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Professional Preparation

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

Appointments

2019-present Professor, FIBER Director, Univ. of Florida
2004-2018 Philip H. Knight Professor, Univ. of Oregon
1999-2018 Professor, University of Oregon
1995-2000 Department Head
1985-1999 Asst./Associate Professor, University of Oregon
1984-1985 Visiting Asst Professor, Universita' di Firenze, Florence, Italy

Five Publication Products Most Closely Related To Project

Hulse, D., A. Branscomb, C. Enright, B. Johnson, C. Evers, J. Bolte, A. Ager. 2016. Anticipating surprise: Using agent-based alternative futures simulation modeling to identify and map surprising fires in the Willamette Valley, Oregon USA. *Landscape Urban Plan.156:26-43. doi: 10.1016/j.landurbplan.2016.05.012*

Brown, D.G., C. Polsky, P. Bolstad, S.D. Brody, D. Hulse, R. Kroh, T.R. Overland, A. Thomson. 2014. Land Use and Land Cover, ch. 13 in Third National Climate Assessment. J. Melillo, T. Richmond, G. Yohe (eds). NOAA, U.S. Dept. of Commerce. Wash., D.C.

Wallick, J.R., Jones, K.L. O'Connor, J.E., Keith, M.K., Hulse, D., Gregory, S.V. 2013. Geomorphic and vegetation processes of the Willamette River floodplain, Oregon: Current understanding and unanswered questions. U.S. Geological Survey Open-File Report 2013-1246. 78 p.

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. 2013. Toward a formal definition of water scarcity in natural-human systems. Journal of Water Resources Research. vol. 49, 1-11, doi:10.1002/wrcr.20249.

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.

Five Other Publication Products

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

Hulse, D., S. Gregory. 2004. Integrating resilience into floodplain restoration. Journal of Urban Ecology. Special issue on large-scale ecosystem studies: Emerging trends in urban and regional ecology. Vol. 7, No. 3;4.

Hulse, D., A. Branscomb, S. Payne. 2004. Envisioning Alternatives: using citizen guidance to map future land and water use. *Ecological Applications*. v. 14, no. 2, pp. 325-341.

Hulse, D., S. Gregory, J. Baker. (Eds). 2002. *Willamette River Basin Planning Atlas: Trajectories of environmental and ecological change*. (2nd edition). Oregon State University Press, Corvallis, Oregon 97333. 180 p. ISBN 0-87071-542-9.

Hulse, D., S. Gregory. 2001. Alternative Futures as an integrative framework for riparian restoration of large rivers, chapter 9 in *Applying Ecological Principles to Land Management*, V.H. Dale and R. Haeuber (eds.). Springer-Verlag, New York. pp. 194-212. ISBN 0-387-95099-0.

Synergistic Activities

- Co-investigator of National Science Foundation Coupled Natural Human Systems Project: 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.

- Co-investigator of National Oceanic and Atmospheric Administration Regional Integrated Science Assessment Project. Climate Impacts Research Consortium, 2010 – 2015. \$526,000.

- Co-investigator of National Science Foundation Water, Sustainability and Climate Project: Willamette Water 2100. 2010 – 2015. \$187,000.

Brief Biographical Sketch of David W. Hulse

David Hulse began January 2019 as Director of the Florida Institute for Built Environment Resilience and Professor in Landscape Architecture at the University of Florida. His expertise is in the area of geographic information systems and the use of computer-based tools for facilitating land and water use planning and natural resource decision-making. He has worked extensively as a landscape planner in the U.S. and abroad. 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 co-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. David and his wife Lauren have two grown children.