

VAN BUTSIC PHD

RESEARCH INTEREST Land systems science, conservation, environmental economics, coupled human natural systems, water policy, GIS applications

EDUCATION **University of Wisconsin-Madison: Ph.D., in Forestry** **2011**
Thesis: "Land Use and Conservation: Causal Policy Analysis and Coupled Modeling on the Social-Ecological Interface."

University of Wisconsin-Madison: M.S., Agricultural and Applied Economics **2007**
Thesis: "Land Conservation and Development: An Economic Analysis of Lakefront Change."

Reed College: B.A., Economics **2003**
Thesis: "Valuing Water Rights in Douglas Country Oregon, Using the Hedonic Pricing Method."

AWARDS **Alexander von Humboldt Award for Post-Doctoral Researchers** ~\$120,000 2011-2013
Wisconsin Distinguished Graduate Fellowship Award ~\$40,000 2010-2011
Vespucci Initiative IGERT Scholarship ~\$5,000 2010
Vilas Travel Award ~\$600 2009
Henry C. Taylor Award for Outstanding Master's Thesis 2007
Reed Environmental Activist Fund Award ~\$2,000 2002
McGill-Laurence Internship Award ~\$2,000 2001

PROFESSIONAL EXPERIENCE **Humboldt University Berlin, Department of Geography**
Leibnitz Institute for Agricultural Development in Central and Eastern Europe, Halle Germany
Post-Doctoral Research Fellow 2011-2013

University of Wisconsin-Madison

Department of Forest and Wildlife Ecology <i>Graduate Research Assistant</i>	2009-2010
Department of Agricultural and Applied Economics <i>Graduate Research Assistant</i>	2005-2008
Public Policy Institute of California San Francisco, CA Policy analysis Intern	2007
Americorps Fort Baker, CA / Perryville, AR Marin Conservation Corps	2004-2005
Heifer International	1999-2000
Lake Marie Lodge Lake Marie, AK Professional Wilderness Guide	2003

PUBLICATIONS

Butsic, V., D. Lewis, and V.C. Radeloff. "Reserve Selection with Land Market Feedbacks." *Journal of Environmental Management*, in press.

Radeloff, V. C., F. Beaudry, T. M. Brooks, V. **Butsic**, M. Dubinin, T. Kuemmerle, and A. M. Pidgeon. "Hot Moments for Biodiversity Conservation." *Conservation Letters*, in press.

Butsic, V., V. C. Radeloff, T. Kuemmerle, and A. M. Pidgeon. 2012. "Analytical Solutions to Trade-Offs Between Size of Protected Areas and Land-Use Intensity." *Conservation Biology*, 26 (5): 883-893.

Radeloff, V. C., E. Nelson, A. J. Plantinga, D. J. Lewis, D. Helmers, J. J. Lawler, J. C. Withey, F. Beaudry, S. Martinuzzi, V. **Butsic**, E. Lonsdorf, D. White, and S. Polasky. 2012. "Economic-Based Projections of Future Land Use in the Conterminous United States Under Alternative Policy Scenarios." *Ecological Applications*, 22 (3): 1036-1049.

Butsic, V., J.W. Gaeta, and V. C. Radeloff. 2012. "The Ability of Zoning and Land Acquisition to Increase Property Values and Maintain Largemouth Bass Growth Rates in an Amenity Rich Region." *Landscape and Urban Planning*, 107 (1): 69-78.

Butsic, V., E. Hanak, and R.G. Valletta 2011 "Climate Change and Housing Prices: Hedonic Estimates for Ski Resorts in Western North America." *Land Economics*, 87 (1): 75-91.

Rissman, A.R., and V. **Butsic.** 2011. "Land Trust Defense and Enforcement of Conserved Areas." *Conservation Letters*, 4 (1): 31-37.

Butsic, V., D.J. Lewis, and L. Ludwig. 2011. "An Econometric Analysis of Land Development with Endogenous Zoning." *Land Economics*, 87 (3): 412 -432.

Butsic, V., D. J. Lewis, and V. C. Radeloff. 2010. "Lakeshore Zoning has Heterogeneous Effects on Ecological Indicators as Predicted with Coupled Economic-Biological Models." *Ecological Applications*, 20 (3): 867-979.

Lewis, D.J., W. Provencher, and V. **Butsic** 2009. "The Dynamic Effects of Open-Space Conservation Policies on Residential Development Density." *Journal of Environmental Economics and Management*, 57 (3): 239–252.

Butsic, V., and N. R. Netusil. 2007. "Valuing Water Rights in Douglas County, Oregon, Using the Hedonic Price Method." *Journal of the American Water Resources Association*, 43 (3): 622–629.

PRESENTATIONS

"Modeling Recent and Past Land Use Change in the Carpathian Mountains." *Mountain Research Initiative, Building Resilience in Mountain Systems*: Estes Park, CO (2012)

"Coupled Economic-Ecological Modeling: Past Experience in Wisconsin and future directions in the Carpathian Mountains." Invited Presentation, *Humboldt University Geography Colloquium*: Berlin, Germany (2012)/ IAMO, Halle, Germany (2012)

"Reserve Selection in Dynamic Landscapes." *US-IALE Symposium*: Portland, Oregon (2011)

"A theoretical Model of Trade-Offs Between Biodiversity and Economic Output." *International Conference on Conservation Biology*: Edmonton, Canada (2010)

"Conservation Defense." *Land Trust Alliance National Rally*: Portland, Oregon (2009)

"Estimating the effects of endogenous zoning." *Heartland Economics Workshop*, Champaign, Illinois (2009) / *ARES Session Agricultural and Applied Economics Association National Meeting*: Milwaukee, Wisconsin (2009)

"Lakefront zoning has heterogeneous effects." *Ecological Society of America National Meeting*: Milwaukee, Wisconsin (2009)

TEACHING

HUMBOLDT UNIVERSITY BERLIN **2012**

Land systems science graduate seminar

Various guest lectures

University of Wisconsin-Madison **2008**

Natural Resource Economics (AAE 571)

Teaching Assistant/ Evaluation: 4 of 5

The Environment and the Global Economy (AAE 344)

Grader

REFEREE

Biological Conservation, Canadian Journal of Agricultural Economics, Ecological Applications, Environmental Economics, Land Economics.