Max Nielsen-Pincus, Ph.D.

Institute for a Sustainable Environment, University of Oregon
5247 University of Oregon, Eugene, OR 97403-5247
541-346-0676 • maxn@uoregon.edu

EDUCATION

Ph.D., University of Idaho, Department of Forest Resources, 2007

M.A., Antioch University Seattle, Environmental and Community Studies, 2003

B.A., University of Oregon, Department of Economics, 1997

B.A., University of Oregon, Lundquist College of Business, 1997

Study Abroad: Bard College/International Honors Program, Global Ecology Program, 1998 – 1999

RECENT EMPLOYMENT

Faculty Research Associate
Institute for a Sustainable Environment, University of Oregon October 2008 – Present

- Develop and participate in research related to community-based forestry, natural resource policy, biomass utilization, and land use change/policy.
- Courtesy Faculty Research Associate in the Planning, Public Policy, and Management department.
- Participating faculty in the Environmental Studies program

Executive Director
Crooked River Watershed Council, Prineville, Oregon, November 2006 – September 2008

- Manage organizational activities including staffing, finances, projects, partnerships, board of directors, and volunteers.
- Developed restoration programs focusing on fish passage, watershed monitoring, and collaborative public-private partnerships for watershed management.
- Secured ~ $3.5 million in new grants, contracts, and awards; increased permanent staff FTE from 1 to 3.0; and added two seasonal technicians.

PEER REVIEW PUBLICATIONS

Pocewicz, A., **M. Nielsen-Pincus,** C.S. Goldberg, M.H. Johnson, P. Morgan, J.E. Force, L.P. Waits, & L. Vierling. 2008. Predicting land use change: comparison of models based on landowner surveys and historical land cover trends. *Landscape Ecology* 23:195-210.

Eigenbrode, S., M. O'Rourke, D. Altoff, C. Goldberg, K. Merrill, W. Morse, **M. Nielsen-Pincus,** J. Stephens, L. Winowieki, J.D. Wulfhorst, N. Bosque-Perez. 2007. Employing philosophical dialogue in collaborative science. *Bioscience* 57:55-64.

Morse, W., **M.Nielsen-Pincus,** J.E. Force, J.D. Wulfhorst. 2007. Bridges and barriers to developing and conducting interdisciplinary graduate-student team research. *Ecology and Society* 12(2):8. [online] URL: http://www.ecologyandsociety.org/vol12/iss2/art8/.

Wulfhorst, J.D., and **M. Nielsen-Pincus.** 2003. Negotiating public health and agricultural burning: a theoretical perspective on community conflict in northern Idaho. *Applied Environmental Science and Public Health* 1:33-43.

PUBLICATIONS *(SUBMITTED/IN REVISION)*

Nielsen-Pincus, M., T. Hall, J.E. Force, J.D. Wulfhorst. Measuring the socio-demographics effects on constructs of place bonding in the interior Northwest. *Journal of Environmental Psychology*.

Nielsen-Pincus, M. Mapping landscape values: An analysis of methods and geographical associations among values at the landscape scale. *Society and Natural Resources.*

PUBLICATIONS *(IN PREPARATION)*

M. Nielsen-Pincus, A, Pocewicz, C.S. Goldberg, P. Morgan, J.E. Force, L.P. Waits, & L. Vierling. The effects of land use policy on landscape configuration and residential development: a comparison of two model policies. In preparation for submission to *Landscape and Urban Planning*.

Nielsen-Pincus, M., J.E. Force, and J.D. Wulfhorst. Culture clash and sense of place: The role of politics and place in land management conflicts. In preparation for submission to *Rural Sociology.*

C.S. Goldberg, **M. Nielsen-Pincus,** A, Pocewicz, P. Morgan, J.E. Force, L.P. Waits, & L. Vierling. Quantifying changes in focal species wildlife habitat as a result of predicted land use change. In preparation for submission to Ecological Applications.

PROFESSIONAL PRESENTATIONS

Nielsen-Pincus, M. Mapping landscape values: using scale to understand geographical associations among values. June 20, 2007. The International Symposium on Society and Resource Management. Park City, Utah.

Nielsen-Pincus, M. Water and landscape perspective: A landscape history and future conservation tools for the Crooked River Watershed. April 28, 2007. Crooked River Water Summit. Prineville, OR.

Pocewicz, A., **M. Nielsen-Pincus,** C.S. Goldberg, M.H. Johnson, P. Morgan, J.E. Force, L.P. Waits and L. Vierling. Using landowner decisions to predict landscape change and alternative futures. April 13, 2007. International Association of Landscape Ecology. Tuscon, Arizona.

Nielsen-Pincus, M. The nuts and bolts of attachment to landscape scale places: Mapping social values in a landscape context. June 6, 2006. The International Symposium on Society and Resource Management. Vancouver, B.C.

Nielsen-Pincus, M. Invited panelist: Mapping landscape values and special places: Methods, Applications, and the future of resource planning. June 6, 2006. The International Symposium on Society and Resource Management. Vancouver, B.C.

Nielsen-Pincus, M. and E. Korhman. Mapping social values. April 15, 2006. Symposium on Sense of Place in the Blue Mountains. Blue Mountains Forum. LaGrande, OR.

Morse, W.C. and **M. Nielsen-Pincus**. Lessons learned on integration: Bridges and barriers to interdisciplinary research. March 28, 2006. University Interdisciplinary Colloquium. University of Idaho, Moscow, ID.

Goldberg. C., **M. Nielsen-Pincus**, and A. Pocewicz, M. Johnson, L. Waits, J.E. Force, P. Morgan, and L. Vierling. Modeling landscape change using historic- and agent-based methods in an agricultural and forested landscape experiencing increasing residential development. March 24, 2006. Idaho Academy of Sciences Symposium. Best Western. Moscow, ID.

Morse, W.C., **M. Nielsen-Pincus**, J.E. Force, and J.D. Wulfhorst. Lessons learned developing and conducting interdisciplinary team research. October 28, 2005. Human Dimensions of Natural Resources in the Western United States Conference. Park City, Utah.

Nielsen-Pincus, M., C. Goldberg, A. Pocewicz, J.E. Force, L. Waits, and P. Morgan. Idaho Alternative Landscape Futures Team Update. July 23, 2005. University of Idaho and the Tropical Agricultural Research and Higher Education Center IGERT Project. Turrialba, Costa Rica.

Nielsen-Pincus, M., C. Goldberg, A. Pocewicz. Modeling trends in forest management, exurban development, and biodiversity conservation under alternative scenarios in north Idaho. June 4, 2004, The International Symposium on Society and Resource Management. Keystone, Colorado.

Nielsen-Pincus, M., C. Goldberg, A. Pocewicz, J.E. Force, L. Waits, and P. Morgan. Modeling Trends in Forest Management, Exurban Development, and Biodiversity Conservation under Alternative Policy Portfolios in Northern Idaho. May 18, 2004, University of Idaho and the Tropical Agricultural Research and Higher Education Center IGERT Project second annual meeting. Moscow, ID.

Morse, W., **M. Nielsen-Pincus**, S. Donovan, J.E. Force, J.D. Wulfhorst. The NSF IGERT experience: social science lessons and challenges of interdisciplinary research in natural resource management. June 4, 2004, The International Symposium on Society and Resource Management. Keystone, Colorado.

Wulfhorst, J.D., and **M. Nielsen-Pincus**. Community consequences to public health from agricultural burning, July 27, 2003, The Annual Meeting of the Rural Sociological Society. Montreal, Quebec.

Nielsen-Pincus, M., A. Pocewicz, J.E. Force, and P. Morgan. Examining social and biological trends in Interior Northwest forest fragmentation and their implications for biodiversity conservation. July 28, 2003, University of Idaho and the Tropical Agricultural Research and Higher Education Center IGERT Project Annual Meeting. La Selva, Costa Rica.

Nielsen-Pincus, M., S. Cowan, and D. Sheldon. Social capital & sustainability in the Pacific Northwest, The joint annual meeting of the Community Development Society and the International Association for Community Development. July 21, 2003, Ithaca, NY.

RESEARCH REPORTS

Pocewicz, A., **M. Nielsen-Pincus,** C.S. Goldberg, M.H. Johnson, P. Morgan, J.E. Force, L.P. Waits, & L. Vierling. 2007. Fact Sheet: Projecting land use changes and policy effects – A study based on landowner surveys in northern Idaho. URL: http://www.webpages.uidaho.edu/~niel9897/Research.htm.

Nielsen-Pincus, M. , A. Pocewicz, C.S. Goldberg, P. Morgan, J.E. Force, L.P. Waits, & L. Vierling. 2007. Using landowner decisions to predict land use change and alternative futures. University of Idaho IGERT Proceedings. Moscow, Idaho.

Nielsen-Pincus, M. and J.E. Force. 2007. Measuring socio-demographic effects on constructs of place bonding in the interior Northwest: A two dimensional model. University of Idaho IGERT Proceedings. Moscow, Idaho.

Nielsen-Pincus, M. and P. Morgan. 2006. Fire history in the Palouse region of northern Latah County, Idaho: Empirical evidence from fire scared stumps in second growth forests. University of Idaho. Moscow, ID. URL: http://www.webpages.uidaho.edu/~niel9897/research_reports.htm.

Nielsen-Pincus, M. and J.E. Force. 2006. Wallowa County: An Atlas of Values. University of Idaho. Moscow, ID. URL: http://www.webpages.uidaho.edu/~niel9897/research_reports.htm.

Nielsen-Pincus, M. and J.E. Force. 2006. Latah County: An Atlas of Values. University of Idaho. Moscow, ID. URL: http://www.webpages.uidaho.edu/~niel9897/research_reports.htm.

Nielsen-Pincus, M. and J.E. Force. 2006. Benewah County: An Atlas of Values. University of Idaho. Moscow, ID. URL: http://www.webpages.uidaho.edu/~niel9897/research_reports.htm.

Nielsen-Pincus, M., A. Pocewicz, C.S. Goldberg, P. Morgan, J.E. Force, L.P. Waits, & L. Vierling. 2006. Modeling lanscape change using historic- and agent-based methods in an agricultural and forested landscape experiencing increasing residential development. University of Idaho IGERT Proceedings. Moscow, Idaho.

Nielsen-Pincus, M. and J.E. Force. 2006. The sociology of place and land use change in northern Idaho and northeastern Oregon. University of Idaho IGERT Proceedings. Moscow, Idaho.

Nielsen-Pincus, M. and J.E. Force. 2005. Beliefs, attitudes, and values in Wallowa County: An investigation of local and absentee property owners. University of Idaho. Moscow, Idaho. URL: http://www.webpages.uidaho.edu/~niel9897/research_reports.htm.

Nielsen-Pincus, M. and J.E. Force. 2005. Beliefs, attitudes, and values in Latah County: An investigation of local and absentee property owners. University of Idaho. Moscow, Idaho. URL: http://www.webpages.uidaho.edu/~niel9897/research_reports.htm.

Nielsen-Pincus, M. and J.E. Force. 2005. Beliefs, attitudes, and values in Benewah County: An investigation of local and absentee property owners. University of Idaho. Moscow, Idaho. URL: http://www.webpages.uidaho.edu/~niel9897/research_reports.htm.

Nielsen-Pincus, M. A. Pocewicz, C.S. Goldberg, P. Morgan, J.E. Force, L.P. Waits, & L. Vierling. 2005. Modeling trends in forest management, exurban development, and biodiversity conservation under alternative policy scenarios. University of Idaho IGERT Proceedings. Turrialba, Costa Rica.

Nielsen-Pincus, M. and J.E. Force. 2004. Developing a Sense of Place: A Comparative Case Study of the Psychology, Spatial Attributes, and History of Place in North Central Idaho and Northeast Oregon. University of Idaho IGERT Proceedings. Moscow, Idaho

Nielsen-Pincus, M. and J.E. Force. 2003. The state of Interior Northwest forest-based communities: A rapid social assessment of Wallowa County, Oregon; Clearwater County, Idaho; and Lincoln County, Montana. University of Idaho IGERT Proceedings. La Selva, Costa Rica.

RESEARCH EXPERIENCE

National Science Foundation (NSF) Graduate Research Fellow January 2003 – May 2007
Integrative Graduate Education and Research Traineeship (IGERT) Program, University of Idaho

- Core member of an interdisciplinary research team studying land use change and its social and ecological impacts to a fragmented northern Idaho landscape.
- Designed a disciplinary research program on land use change, resource management, and private land owner attitudes and values towards land use and management and community.
- Conducted original interdisciplinary and disciplinary research using a variety methods including field surveys, mail surveys, and qualitative interviews; analyzed data using a variety of multivariate statistical methods and GIS; wrote technical reports and academic articles; delivered public presentations.

NSF IGERT Research Intern January – September 2006
University of Idaho & USDA Fire Sciences Lab, Missoula, MT.

- Developed and implemented fire history sampling research plan in northern Latah County.
- Prepared and cross-dated partial cross-sections from sampled ponderosa pine stumps.
- Reconstructed historical fire interval for the study area in a written report and presentation.

Research Intern May-July, 2003
USFS-PNW Forest and Range Sciences Laboratory, LaGrande, Oregon.

- Conducted nest searches and monitoring for pileated woodpeckers, Williamson's sapsuckers, pygmy nuthatches, and black-backed woodpeckers.
- Conducted vegetation sampling of live trees and snags at nest- and random-sites.

Research Assistant August-December, 2002
Department of Agricultural Economics and Rural Sociology, University of Idaho

- Assisted on a project studying the effects on community and public health of an on-going conflict over agricultural burning in northern Idaho.
- Collected data through qualitative interviews and conducted literature reviews.
- Co-authored a peer reviewed article.

Research Assistant January – August, 2002
Ecotrust, Portland, Oregon

- Conducted a research study on the development and definition of social capital in organizations committed to a conservation economy in the Pacific Northwest.
- Developed interview protocols, conducted interviews, transcribed and coded data.
- Reported findings in a written report and presentation.

TEACHING EXPERIENCE

Executive Director November 2006 – Present
Crooked River Watershed Council, Prineville, Oregon

- Occasional lectures, presentations, and classroom teaching at forums including regional natural resource workshops, community groups, and in collaboration with Central Oregon Community College and Crook County High School.

Graduate Teaching Assistant August 2004 – May 2005
Department of Forest Resources, University of Idaho

- Member of a teaching team for a core course titled "Society and Natural Resources," which surveyed the philosophies, sciences, and institutions used by American society to manage natural resources.
- Responsible for three discussion sections per week including curriculum development, discussion facilitation, grading and evaluation, and classroom management.
- Assist with weekly lecture sections including presentations, lectures, and classroom activities.
- Collaborate with the teaching team on course assignments and evaluation strategies, course activities, and teaching strategies.

Field Educator and Community Outreach Liaison April 2001 – January 2002
Opal Creek Ancient Forest Center, Lyons, Oregon

- Developed and delivered science education programs focused on forest ecology and management in the Pacific Northwest targeted to high school and college students.
- Oversaw outreach program that included a newsletter, slide show presentations, open houses, and participation in local community-based natural resource groups.

Field Instructor and Program Leader Seasonally 1998 – 2001
Multnomah County Education Service District Outdoor School, Sandy, Oregon

- Developed/implemented a forest ecology and management field science curriculum to be delivered to middle school students.
- Mentored and evaluated high school and college student instructors.

Instructor Seasonally 1999 – 2000
Audubon Society of Portland, Oregon

- Instructor of science education programs focused on urban ecology for at-risk students.
- Instructor for Audubon outreach programs for rural communities in forest ecology.

LEADERSHIP EXPERIENCE

Steering Committee Member October 2007 – September 2008
OWEB Deschutes Strategic Investment Partnership (SIP) Steering Committee, Warm Spring, Oregon

- Collaborate on prioritization of restoration projects to support and enhance the successful reintroduction of Mid-Columbia summer steelhead *(Onchorynchus mykiss)* above the Pelton-Round Butte Hydroelectric Complex, Upper Deschutes Sub-basin.
- Coordinate with partners on Deschutes SIP budget development for $4M biennial program funded by the Oregon Watershed Enhancement Board to be implemented by SIP partners.

Committee Member and Water Subcommittee Member November 2006 – September 2008
Crook County Natural Resources Planning Committee, Prineville, Oregon

- Representative on collaborative community-based natural resource policy advisory committee to the Crook County Court.
- Planned and implemented the Crooked River Water Summit in April 2007, and planning for the follow-up Endangered Species Act Summit in May 2008.

Board Member January 2007 – September 2008
Crooked River Weed Management Area, Prineville, Oregon

- Assist with reviewing grant applications and the organization's treasury.

Steering Committee Graduate Fellow Representative August 2004 – August 2005
National Science Foundation IGERT Steering Committee, Moscow, Idaho

- Represent graduate student perspective on the steering committee in matters of curriculum requirements, program policies, and budget allocations.
- Report to students the minutes of steering committee meetings.
- Solicit input on matters pertaining to decisions of the steering committee.

GRANTS, AWARDS, & SCHOLARSHIPS

Crooked River Watershed Council – Selected Program & Project Grants

Lower Crooked River Fish Passage and Protection Program (2008), Oregon Watershed Enhancement Board Deschutes Strategic Investment Partnership Grant, $,1231,980; PGE Pelton Round Fund, $746,075; National Fish and Wildlife Foundation, $100,000.

South Fork Beaver Creek Uplands Enhancement Project, (2008), Oregon Watershed Enhancement Board Restoration Grant, $542,720.

Lower Crooked River Model Watershed Program, (2008), Bonneville Environmental Foundation, $150,000.

Ochoco Creek Stream Enhancement and Greenway Expansion, (2008), Oregon Watershed Enhancement Board Deschutes Strategic Investment Partnership Grant, $209,346; Oregon Department of Environmental Quality 319 Program Grant, $78,816; US Fish and Wildlife Partners for Fish and Wildlife Program, $25,000.

Prineville Reservoir Southern Watersheds Restoration Project, (2007), Oregon Watershed Enhancement Board Restoration Grant, $330,000.

Ant Creek Watershed Juniper Management Project, (2007), Oregon Watershed Enhancement Board Restoration Grant, $111,621.

Lower Mill Creek Stream Enhancement, (2007), Oregon Watershed Enhancement Board Restoration Grant, $30,150.

Lower Crooked River Wetland and Floodplain, (2006), Oregon Watershed Enhancement Board Restoration Grant, $183,500; City of Prineville, $46,275.

University of Idaho

National Science Foundation IGERT Program Research Fellowship (2003 – 2006)

IGERT Program Dissertation Enhancement Award (2006)
IGERT Program Interdisciplinary Team Enhancement Award (2006)
McIntire-Stennis Cooperative Forestry Program Grant (2004 – 2005)
Short Term Fellowship Award (2005)
University of Idaho Graduate Travel Grant (2003)

Antioch University Seattle
Academic Merit Scholarship (2002)

Bard College
International Honors Program Academic Grant (1998 – 1999)

University of Oregon
Cray Research Merit Scholarship (1995 – 1997)
Oregon Alpha Golden Legion Award, Phi Delta Theta (1996)