

CURRICULUM VITAE

Anna Versluis

Assistant Professor
Department of Geography
Environmental Studies Program
Gustavus Adolphus College
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EDUCATION

Ph.D., Graduate School of Geography 2003 - 2008
Clark University, Worcester, MA
Dissertation: "We all live downstream: Land change, vulnerability and flooding in a Haitian watershed"
Dr. B. L. Turner II, Advisor

M.S., Department of Geosciences 2000 - 2002
Oregon State University, Corvallis, OR
Dr. Julia Allen Jones, Advisor
Summa cum laude

B.A., Biology 1993 - 1997
Eastern Mennonite University, Harrisonburg, VA
Summa cum laude
Study term abroad in Belgium, France, Côte d'Ivoire Spring 1994

RESEARCH & TEACHING INTERESTS

- Land-cover and land-use change
- Sustainability
- Environmental risk, hazard and disaster
- Remote sensing of environment

FELLOWSHIPS, GRANTS AND HONORS

Natural Hazards Center Quick Response Research Program 2010
Research, Scholarship, and Creativity Grant, Gustavus Adolphus College 2009 - 2010
Honorable Mention, Gilbert F. White Award, Hazards Specialty Group, 2009
Association of American Geographers
National PERIship Dissertation Fellowship 2007 - 2008
Association of American Geographers Dissertation Grant 2007
Pruser/Halzhauer Graduate Enhancement Fund 2006
Sigma Xi Grant-in-Aid of Research 2005
Clark University Graduate Student Presentation Award and Travel Grant 2005
Clark University Ph.D. Scholarship 2003 - 2008
National Science Foundation Fellow 2001 - 2002

Oregon Sports Lottery Scholarship

2000 - 2001

PUBLICATIONS

Peer-Reviewed Journal Articles

Versluis, A. Formal and familial material aid following the 2010 earthquake disaster in Haiti. *Disasters Journal*, submitted.

Versluis, A. 2010. Highlands management in a flood-prone watershed: Does reflexive reciprocity make a difference? *Global Environmental Change* 20(2): 333-341.

Versluis, A. J. and J. Rogan. 2010. Mapping land-cover change in a Haitian watershed using a combined spectral mixture analysis and classification tree procedure. *Geocarto International* 25(2): 85-103. (First published on: 26 May 2009.)

Pontius Jr., R. G., A. J. Versluis and N. R. Malizia. 2006. Visualizing the certainty of forecasts from models of land change. *Landscape Ecology* 21(7): 1151-1166.

Conference Proceedings

Versluis, A. J., R. G. Pontius Jr. and N. R. Malizia. 2004. Visualizing the rate at which the accuracy of a land change prediction decays. *Conference Proceedings of the Assembly of the University Consortium for Geographic Information Science Assembly 2004, College Park, MD*. 29 pp.

COMPETITIVE TRAVEL AWARDS

7 th International Science Conference on the Human Dimensions of Global Environmental Change (IHDP Open Meeting 2009), Bonn, Germany	2009
Advanced Institute in Integrated Land Systems Modeling Travel Grant, Global Land Project, Sapporo, Japan	2007
2007 Annual Hazards Research and Applications Workshop, Natural Hazards Center, University of Colorado at Boulder	2007
Graduate School of Geography Travel Awards, Clark University	2004 - 2007
ICPSR Summer Program in Quantitative Methods of Social Science Research Travel Grant	2005
University Consortium on GIScience Travel Award	2004

PRESENTATIONS

Invited University Lectures

“Haiti and the Earthquake.” Gustavus Adolphus College Campus Lecture, March 15, 2010.

“Understanding deforestation in Haiti.” Saint Cloud State University Geography Class, December 3, 2009.

“We all live downstream: Land change and disaster in a Haitian watershed.” Minnesota State University, Department of Geography Colloquia Series, November 21, 2008.

“We all live downstream: Land change, floods and vulnerability in southeast Haiti.” University of Santa Barbara, Department of Geography, February 12, 2006.

“Haiti: A Brief Introduction.” With M. Rosemond. Oregon State University, Spring 2001.

Academic Meetings

“Extra-local constraints, changing land use and deteriorating ecosystem services in a Haitian watershed.” Global Land Project Open Science Meeting, Phoenix, AZ, October 2010.

“Understanding Land Change in Rural Haiti: Beyond the Proximate Drivers.” Annual Meeting of the Association of American Geographers, Washington, D.C., April 2010.

“Upstream land management following downstream flood disaster.” 7th International Science Conference on the Human Dimensions of Global Environmental Change, Bonn, Germany, April 26-30, 2009.

“We all live downstream: Highland management in a flood-prone watershed.” Annual Meeting of the Association of American Geographers, Las Vegas, Nevada, March 2009.

“Upstream/Downstream: Reciprocity in a Haitian watershed.” Annual Meeting of the Association of American Geographers, Boston, MA, April 2008.

“Land cover changes over three decades in a Haitian watershed: A combined spectral mixture analysis and decision tree analysis.” Annual Meeting of the Association of American Geographers, San Francisco, CA, April 17-21, 2007.

“Visualizing the certainty for extrapolations from models of landscape change.” With R. G. Pontius and N. Malizia. 8th International Conference on GeoComputation, Ann Arbor, MI, August 1-3, 2005.

“Visualizing the certainty for extrapolations from models of landscape change.” With R. G. Pontius and N. Malizia. Annual Meeting of the Association of American Geographers, Denver, CO, April 5-9, 2005.

“Visualizing the rate at which the accuracy of a land change prediction decays.” With R. G. Pontius and N. Malizia. 20th Annual Symposium of the United States Regional Chapter of the International Association for Landscape Ecology, Syracuse, NY, March 12-16, 2005.

“A review and assessment of network concepts and their applications in geography and related disciplines.” 100th Annual Meeting of the Association of American Geographers, Philadelphia, PA, March 14-19, 2004.

Poster Presentations

“Accuracy of land change extrapolations.” Third Annual Graduate Student Multidisciplinary Conference, Clark University, Worcester, MA, March 30, 2005.

“Visualizing the rate at which the accuracy of a land change prediction decays.” University Consortium for Geographic Information Science Assembly 2004, College Park, MD, October 20-24, 2004.

Other Selected Papers and Posters Accepted for Presentation

Frazier, R. B., J. P. Fortier, T. G. Jones (presenters), C. D. Lippitt, S. McCauley, D. J. Pomerleau, A. Versluis, and J. Rogan. 2006. “Assessing Forest Cover and Change across Massachusetts using

Satellite Images.” Poster at the New England-St. Lawrence Valley Division of the Association of American Geographers, Burlington, VT, October 13-15, 2006.

Frazier, R. J., T. G. Jones, C. D. Lippitt, D. J. Pomerleau (presenters), A. J. Versluis and J. Rogan. 2005. “Monitoring Forest Cover Disturbance in Massachusetts Using Remote Sensing Data and Techniques.” Poster at the Environmental Issues in Worcester County Poster Symposium, City Hall, Worcester, MA, April 20, 2005.

Frazier, R. J., T. G. Jones (presenter), C. D. Lippitt, D. J. Pomerleau, A. J. Versluis and J. Rogan. 2005. “Monitoring Forest Cover Disturbance in Massachusetts Using Remote Sensing Data and Techniques.” Illustrated poster at the Annual Meeting of the Association of American Geographers, Denver, CO, April 5-9, 2005.

Rogan, J. (presenter), A. Versluis, R. Frazier, T. Jones, C. Lippitt, and D. Pomerleau. 2005. “Application of Remote Sensing Data and Technology to Monitor Large-Area Forest Cover Change in Massachusetts.” Presentation at the American Society for Photogrammetry and Remote Sensing 2005 Annual Conference, Baltimore, MD, March 7-11, 2005.

Malizia, N. (presenter) and A. Versluis. 2004. “Determining the Rate at Which the Accuracy of Land Change Predictions Decay to Random.” Poster at the Annual Fall Festival Poster Symposium, Clark University, Worcester, MA, November 10, 2004.

Neff, R. J. (presenter), C. Sorrensen, A. Comrie, L. M. B. Harrington, A. Versluis, M. Lu, C. Polsky, and B. Yarnal. 2004. “Vulnerability to drought at different places and scales: a cross-site comparison.” Presentation at the 100th Annual Meeting of the Association of American Geographers, Philadelphia, PA, March 14-19, 2004.

Conference Session Participation

Recorder: 32nd Annual Natural Hazards Research and Applications Workshop, Natural Hazards Center, Boulder, CO, July 8-11, 2007.

Session Moderator: Coupling Models and Data, 8th International Conference on GeoComputation, Ann Arbor, MI, August 1-3, 2005.

Other Invited Presentations

“Haiti After the Earthquake.” First United Methodist Church, Redwood Falls, MN, September 18, 2011.

“Port-au-Prince: After the Earthquake.” Hector United Methodist Church, Hector, MN, May 23, 2010.

“Haiti and the Earthquake.” North Intermediate School, Saint Peter, MN, February 22, 2010.

“Ki Mele Pis ak Grangou Chen? (What Care Has the Flea for the Dog’s Hunger?): Human Rights and Sustainable Development in Haiti.” Shalom Community Church, Ann Arbor, MI, 2003.

“Sak Vid Pa Kanpe (An Empty Sack Doesn’t Stand Up): Agriculture and Food in Haiti.” Corvallis High School, Corvallis, OR, Spring 2002.

“Haiti in Pictures, Music and Stories.” Corvallis Fellowship, Corvallis, OR, Spring 2001.

“Haiti in Pictures, Music and Stories.” Western High School, Salem, OR, Spring 2001.

UNIVERSITY SERVICE

Program Assessment Liaison, Geography Department	2011- present
International and Domestic Programs Committee	2011- present
Faculty Development Committee, Gustavus Adolphus College	2009 - 2010
Nobel Conference Host, Gustavus Adolphus College	2009
Graduate Studies Committee, Clark University	2003 - 2004
Clark University Organic Garden Start-Up Committee	2003 - 2004

PROFESSIONAL MEMBERSHIP

Association of American Geographers	2003 - present
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