

Joel Hartter

Environmental Studies Program
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RESEARCH INTERESTS

Human dimensions of natural resource management, human-environment interactions, conservation, protected areas, land use/land cover change, sustainability

Population, Environment and Climate in the Albertine Rift (PECAR) director: <http://pecar.unh.edu>
Communities and Forests in Oregon (CAFOR) director: www.cafor.weebly.com

EDUCATION

2007 – University of Florida – Gainesville, FL

- PhD Geography, Minor in Natural Resource Management, Certificate in African Studies

2004 – Oregon State University – Corvallis, OR

- M.S. Forestry

2000 – The University of Michigan – Ann Arbor, MI

- B.S.E. Mechanical Engineering
- B.S. German

9/96-9/97 - Technische Universität München and Ludwig-Maximilians-Universität – Munich, Germany

APPOINTMENTS

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| 2014-Present | Associate Professor, Environmental Studies Program, University of Colorado |
| 2014-Present | Associate Director of Professional Education, Environmental Studies Program, University of Colorado |
| 2015-Present | Faculty Affiliate, Center for the American West, University of Colorado |
| 2014-Present | Affiliate Faculty, Department of Geography, University of New Hampshire |
| 2013-2014 | Associate Professor, Department of Geography, University of New Hampshire |
| 2007-2013 | Assistant Professor, Department of Geography, University of New Hampshire |
| 2012-2015 | Roland H. O’Neil Assistant/Associate Professor, University of New Hampshire |
| 2012-Present | Adjunct Faculty, Department of Geosciences, Georgia State University |

- 2008-Present Affiliate Faculty, Department of Natural Resources & the Environment, University of New Hampshire
- 2008-2014 Faculty, Natural Resources and Earth Systems Science PhD program, University of New Hampshire
- 2008-Present Fellow, Carsey School of Public Policy, University of New Hampshire
- 2010-Present Faculty, Masters of Arts in Community Development Policy and Practice, University of New Hampshire
- 2004-2007 Foreign Language and Area Studies Fellow, Center for African Studies, University of Florida

PRIOR RESEARCH & WORK EXPERIENCE

- 2006-2009 Executive Board, Books Open the World. Registered 501(c)(3) non-profit – US and Uganda
- 2004-2007 Graduate Research Assistant, NSF GSS Grant *Consequences of Parks for Land Use, Livelihood Diversification, and Biodiversity in East Africa* (PI, A. Goldman), University of Florida
- 2002-2004 Graduate Research Assistant, OR OSHA Worksite Redesign Grant, *Low Impact Harvesting and Ergonomic Benefits of Synthetic Rope for the Pacific Northwest*. Department of Forest Engineering & Resource Management, Oregon State University
- 2001-2002 Project Engineer, Lampson International LLC – Kennewick, WA
- 2000-2001 Research and Development Engineer, Robert Bosch Corporation – Galesburg, MI
- 2000 Resource Conservation Intern, Student Conservation Association (Zion NP) – Springdale, UT
- 1999 Product Support Intern, Volkswagen of America – Auburn Hills, MI
- 1998 Manufacturing Planning Intern, Siemens AG – Bad Neustadt, Germany

MAJOR GRANTS FUNDED

2016-2019, Co-PI (A. Gaughan, University of Louisville, PI), Change and Adaptation in Southern Africa: Climate and Land Systems Dynamics of the Kavango-Zambezi Transfrontier Conservation Area, NSF Geography and Spatial Sciences (\$325,000)

2014-2017, Science Team (I. Rwego, Makerere University, PI), *Managing Health Risks Among the Communities in and around Queen Elizabeth Conservation Area, Western Uganda, Using Ecohealth Approaches*, International Development Research Centre (CAN\$1,000,000)

2014-2017, PI, *Climate Change Adaptation in Working Landscapes of the Intermountain Northwest*, USDA AFRI (\$900,000)

2013, Co-PI (M. Craft, University of Minnesota, PI), *Domestic Dogs as Sentinels for Anthrax Exposure in the Queen Elizabeth Ecosystem, Uganda*, Grant-in-Aid of Research, Artistry and Scholarship-University of Minnesota (\$30,000)

2013-2014, Co-PI (E. Hobbie, University of New Hampshire, PI), *Evaluating Climate Change and Land Use Change in Zimbabwe: Developing a Partnership with Midlands State University (Gweru, Zimbabwe)*, Iola Hubbard Climate Change Endowment (\$25,000)

2013-2014, Co-PI (T. Baird, Virginia Polytechnic University, PI), *Texting the Last Great Herds: Maasai Social Networks & Land Use in the Age of the Cell Phone*, National Geographic Research and Exploration Grant (\$17,720)

2012-2015, Co-advisor and Co-author (only post-doctoral research is recognized as sole-PI). L. Tiemann, University of New Hampshire, PI, *Barriers to Soil Sustainability, Food Security and Biodiversity Conservation in the Albertine Rift*, NSF Science, Engineering and Education for Sustainability (\$520,229)

2012-2013, Co-PI (M. Howey, University of New Hampshire, PI), *Collaborative Research: Long-term Anthropogenic Influences on the Crater Lake Environmental Landscape of Western Uganda*, NSF Archaeology: High Risk (\$35,000)

2012-2013, PI, *Parks, People, and Climate Change: Assessing Household Vulnerability in Equatorial Africa*, National Geographic Society Research and Exploration (\$20,000)

2011-2013, PI, *Landscapes, Networks, & Social Resource Decisions: Using Geospatial Technologies to Create Long-Term Models of Firewood Use*, UNH Research Leveraging Fund (\$48,289)

2011-2013, PI, *Hotter Hotspots: Land use Intensification and Protected Area Vulnerability in Africa's Albertine Rift*, NSF Coupled Human-Natural Systems (\$249,995)

2010- 2014, PI, *Community and Forest: Linked Human-Ecosystem Responses to Natural Disturbances in Oregon*, NSF/USDA NIFA, Disaster Resilience for Rural Communities Program (\$399,868)

OTHER GRANTS AND AWARDS

- 2012-2015 Roland H. O'Neil University Professorship, University of New Hampshire
- 2012 University of New Hampshire Center for Humanities, Programs and Projects Grant
- 2011 University of New Hampshire Center for International Education Major Grant
- 2011 University of New Hampshire Graduate School Summer Faculty Fellowship
- 2011 University of New Hampshire Faculty Development Grant
- 2010 Africana and African American Studies Minor Discretionary Grant
- 2008 Mazamas Research Grant
- 2008 University of New Hampshire Graduate School Summer Faculty Fellowship
- 2007 American Geographical Society McColl Family Fellowship
- 2007 University of New Hampshire International Development Grant
- 2007 University of New Hampshire Faculty Development Grant
- 2004-2007 US Department of Education Foreign Language and Area Studies Fellow (Swahili)
- 2006 Edward Fik Graduate Fellowship

- 2006-7 Competitive travel grants from: College of Liberal Arts and Sciences, Graduate Student Council, Center for African Studies, Land Use and Environmental Change Institute
- 2005 NSF IGERT, Land Use/Land Cover Field Study Grant, Yucatan Peninsula
- 2005 NSF IGERT, Working Forests in the Tropics Field Research Grant
- 2005 Center for African Studies David Niddrie Memorial Summer Research Grant
- 2004 Council on Forest Engineering Student Communications Award
- 2002 Meier Education Fund Fellowship
- 1997 Max Kade Foundation Scholarship
- 1995 Rochester Adams DECA Scholarship

GRADUATE STUDENTS ADVISED

- Nicholas Dowhaniuk, MS Natural Resources, University of New Hampshire
- Angela Boag, PhD Environmental Studies, University of Colorado
- Morgan Crowley, MS Natural Resources, University of New Hampshire – Dec. 2015

GRADUATE STUDENT ADVISORY COMMITTEES

- Brianna Heath, MS Natural Resources, University of New Hampshire – Dec. 2008
- Morgan Cottle, MS Natural Resources, University of New Hampshire – Dec. 2009
- Catrina MacKenzie, PhD Geography, McGill University – Dec. 2011
- Meghan Graham MacLean, PhD Natural Resources, University of New Hampshire – Sept. 2012
- Daniel Maynard, MS Natural Resources, University of New Hampshire – Sept. 2012
- Michael Campbell, MS Natural Resources, University of New Hampshire – Sept. 2012
- Elvira Breytenbach, MA Geography, Georgia State University – May 2013
- Lisa Meerts, MFA Creative Nonfiction, University of New Hampshire – May 2014
- Jenna Kovacs, MS Natural Resources, University of New Hampshire – Dec. 2014
- Rebecca Fuda, MS Environmental and Forest Biology, SUNY ESF – May 2015
- Apollinaire William, PhD Environmental Studies, Antioch University New England
- Amy Quandt, PhD Environmental Studies, University of Colorado
- Michael Mahero, PhD Veterinary Science, University of Minnesota & Makerere University
- Timothy Wakabi Mahero, PhD Public Health, Makerere University

POST-DOCTORAL RESEARCHERS

- Jonathan Salerno (PhD U California at Davis). 2016-.
- Lisa Tiemann, co-advise with Stuart Grandy in Department of Natural Resources & the Environment, University of New Hampshire (PhD U Kansas). 2012-2014.
- Forrest Stevens (PhD U Florida). 2014.

UNDERGRADUATE STUDENT PROJECTS ADVISED

- Gregory DiSanto, Geography major, Undergraduate Research Award (URA) 2013: *Precipitation Trends in Western Uganda*
- Nicholas Dowhaniuk, Geography major, Undergraduate Research Award (URA) 2012: *Monitoring Forest Loss and Population Growth in a Biodiversity Hotspot of Africa*
- Irene Feretti, Geography and Biology double major, International Research Opportunity (IROP) 2012: *Malaria and Uganda's Invisible Children*

REFEREED ARTICLES

44. Diem, J.E., **Hartter, J.**, Salerno, J., Breytenbach, E., and A.S. Grandy. *In press*. Comparison of measured multi-decadal rainfall variability with farmers' perceptions of and responses to seasonal changes in western Uganda. *Regional Environmental Change*. DOI:10.1007/s10113-016-0943-1.
43. **Hartter, J.**, Dowhaniuk, N., MacKenzie, C.A., Diem, J.E., Palace, M.W., Ryan, S.J., and C.A. Chapman. *In press*. Perceptions of Risk in Communities near Parks in an African Biodiversity Hotspot. *Ambio*. DOI: 10.1007/s13280-016-0775-8
42. Hamilton, L.C., **Hartter, J.**, Keim, B.D., Boag, A.E., Palace, M.W., Stevens, F.R., and M.W. Palace. 2016. Wildfire, climate and perceptions in northeast Oregon. *Regional Environmental Change*. DOI: 10.1007/s10113-015-0914-y
41. Hamilton, L.C., **Hartter, J.**, Lemcke-Stampone, M., Moore, D.W., and T.G. Safford, T.G. 2015. Tracking US Public Belief in Anthropogenic Climate Change. *PLOS ONE*. DOI: 10.1371/journal.pone.0138208
40. Hamilton, L.C., **Hartter, J.**, and K. Saito. 2015. Trust in Scientists on Climate Change and Vaccines. *Sage Open*: 1-13 (DOI: 10.1177/2158244015602752)
39. Hamilton, L.C., **Hartter, J.**, and T.G. Safford. 2015. Validating County-Level Estimates of Climate-Change Beliefs. *Nature Climate Change* 5: 704.
38. Ryan, S.J., Southworth, J. **Hartter, J.**, Dowhaniuk, N., Fuda, R.K., and J.E. Diem. 2015. Household level influences on fragmentation in an African park landscape. *Applied Geography* 58: 18-31.
37. **Hartter, J.** Stevens, F.R., Hamilton, L.C., Congalton, R.G., Ducey, M.J., and P.T. Oester. 2015. Perceptions of Wildfire Risk in the Inland Northwest, USA: A Model of Public Understanding and Engagement. *PLOS ONE* DOI: 10.1371/journal.pone.0117975.
36. Campbell, M., Congalton, R.G., **Hartter, J.**, and M.J. Ducey. 2015. Optimal Land Cover Mapping and Change Analysis in Northeastern Oregon Using Landsat Imagery. *Photogrammetric Engineering and Remote Sensing* 81(1): 37-47.
35. **Hartter, J.**, Ryan, S.J., MacKenzie, C.A., Goldman, A., Dowhaniuk, N., Palace, M.W., Diem, J.E., and C.A. Chapman. 2015. Now There is No Land: A Story of Ethnic Migration in a Protected Area Landscape in Western Uganda. *Population and Environment* 36(4): 452-479.
34. Chapman, C.A., van Bavel, B., Bleeker, J., Boodman, C., Ghai, R.R., Gogarten, J.F., Goldberg, T., **Hartter, J.**, Mechak, L.E., Omeja, P.A., Poonawala, S., and C. Zastavniouk. 2015. Providing Health Care to Promote People-Park Relations. *Oryx* 49(4): 636-642.
33. Diem, J., Ryan, S.J., **Hartter, J.**, and M.W. Palace. 2014. A Recent Drying Trend in Central Equatorial Africa. *Climatic Change* 126: 263-272.
32. Diem, J., **Hartter, J.**, Ryan, S.J., and M. Palace. 2014. Validation of Satellite-Based Rainfall Products for Western Uganda. *Journal of Hydrometeorology* 15(5): 2030-2038.

31. Dowhaniuk, N., **Hartter, J.**, and S.J. Ryan. 2014. Discrepancies in Geographic Data Cause Challenges for Managing Protected Areas. *Environmental Management* 54: 596-605.
30. MacKenzie, C.A., Baird, T.D., and **J. Hartter**. 2014. Single Large or Several Small Strategies to Manage People-Park Interactions. *Conservation Biology* 28(6): 1645-1656.
29. Jacob, A.L., Bonnell, T.R., Dowhaniuk, N., and **J. Hartter**. 2014. Topographic and Spectral Data Resolve Land Cover Misclassification to Distinguish and Monitor Wetlands in Western Uganda. *Journal of Photogrammetry and Remote Sensing* 94: 114-126.
28. Hamilton, L.C., **Hartter, J.**, Safford, T.G., and F.R. Stevens. 2014. Rural Environmental Concern: Effects of Position, Partisanship and Place. *Rural Sociology* 79(2): 257-281.
27. **Hartter, J.**, Solomon, J., Ryan, S.J., and S. Jacobson. 2014. Contrasting Perceptions of Ecosystem Services of an African Forest Park. *Environmental Conservation* 41(4): 330-340.
26. Maynard, D.S., Ducey, M.J., Congalton, R.G., Kershaw, J., and **J. Hartter**. 2014. Vertical Point Sampling with a Digital Camera: Slope Correction and Field Evaluation. *Computer and Electronics in Agriculture* 100: 131-138.
25. Maynard, D.S., Ducey, M.J., Congalton, R.G., and **J. Hartter**. 2013. Modeling Forest Canopy Structure and Density by Combining Point Quadrat Sampling and Survival Analysis. *Forest Science* 59(6): 681-692.
24. Goldman, A., Hall, J., Binford, M., and **J. Hartter**. 2013. Environmental Protection and Affection in East Africa. *Ethics, Policy & Environment* 16(3): 267-269.
23. **Hartter, J.**, Ryan, S.J., MacKenzie, C.M., Parker, J.N., and C. Strasser. 2013. Spatially Explicit Data: Stewardship and Ethical Challenges in Science. *PLOS Biology* 11(9): e1001634.
22. MacKenzie, C. and **J. Hartter**. 2013. Demand and Proximity: Drivers of Illegal Forest Resource Extraction. *Oryx* 47(2): 288-297.
21. Rudnick, D., Ryan, S.J., Beier, P., Cushman, S., Dieffenbach, F., Epps, C.W., Gerber, L., **Hartter, J.**, Jenness, J., Kintsch, J., Merenlender, A.M., Perkle, R.M., Preziosi, D.V., and S. C. Trombulak. 2012. The Role of Landscape Connectivity in Planning and Implementing Conservation and Restoration Priorities. *Issues in Ecology* 16.
20. Invited submission: Ryan, S.J., and **J. Hartter**. 2012. Beyond Ecological Success of Corridors: Integrating Land Use History and Demographic Change to Provide a Whole Landscape Perspective. *Ecological Restoration* 30(4): 320-328.
19. **Hartter, J.**, Stampone, M.D., Ryan, S.J., Kirner, K., Chapman, C.A., and A. Goldman. 2012. Patterns and Perceptions of Climate Change around a Biodiversity Conservation Hotspot. *PLoS ONE* 7(12): e32408.
18. **Hartter, J.**, Ryan, S.J., Southworth, J., and C.A. Chapman. 2011. Landscapes as Continuous Entities: Forest Disturbance and Recovery in the Albertine Rift Landscape. *Landscape Ecology* 26: 877-890.

17. **Hartter, J.**, Goldman, A.C., and J. Southworth. 2011. Responses by Households to Resource Scarcity and Crop Raiding in Communities Near a Forest Park. *Journal for Nature Conservation* 19: 79-86.
16. **Hartter, J.** and A. Goldman. 2011. Local Responses to a Forest Park in Western Uganda: Alternative Narratives on Fortress Conservation. *Oryx* 45(1): 60-68.
15. Stampone, M.D., **Hartter, J.**, Chapman, C.A., and S.J. Ryan. 2011. Trends and Variability in Localized Precipitation around Kibale National Park, Western Uganda, Africa. *Research Journal of Environmental and Earth Sciences* 3(1): 14-23.
14. Invited submission: **Hartter, J.** 2010. The social, ecological, and spiritual identity of gallery forests in Africa. Review of *African Sacred Groves: Ecological Dynamics & Social Change*. *Environment and Society: Advances in Research* 1.
13. Southworth, J., **Hartter, J.**, Binford, M.W., Goldman, A.C., Chapman, C.A., Chapman, L.J., Omeja, P., and E. Binford. 2010. Landscape effects of an East African national park on the protected tropical forest and its surrounding area. *Tropical Conservation Science* 3(2): 122-142.
12. **Hartter, J.**, and S.J. Ryan. 2010. Top-down or Bottom-up? Decentralization, Natural Resource Management, and Usufruct Rights in the Forests and Wetlands of Western Uganda. *Land Use Policy* 27(3): 815-826.
11. Chapman, C.A., Chapman, L.J., Jacob, A.L., Rothman, J.M., Omeja, P., Reyna-Hurtado, R., **Hartter, J.**, and M.J. Lawes. 2010. Tropical Tree Community Shifts: Implications for Wildlife Conservation. *Biological Conservation* 143(2): 366-374.
10. **Hartter, J.** 2010. Resource Use and Ecosystem Services in a Forest Park Landscape. *Society & Natural Resources* 23(3): 207-233.
9. **Hartter, J.** 2009. Attitudes of Rural Communities Towards Wetlands and Forest Fragments Around Kibale National Park, Uganda. *Human Dimensions of Wildlife* 14(6): 433-447.
8. Invited submission: **Hartter, J.** and A.C. Goldman. 2009. Life on the Edge: Balancing Biodiversity Conservation and Sustaining Rural Livelihoods. *FOCUS on Geography* 52(1): 11-17.
7. **Hartter, J.** and J. Southworth. 2009. Dwindling Resources and Fragmentation of Landscapes around Parks: Wetlands and Forest fragments around Kibale National Park, Uganda. *Landscape Ecology* 24(5): 643-656.
6. Jacob, A.L., Vaccaro, I., Sengupta, R., **Hartter, J.**, and C.A. Chapman. 2008. Integrating Landscapes That Have Experienced Rural Depopulation and Ecological Homogenization into Conservation Planning. *Tropical Conservation Science* 1(4): 307-320.
5. **Hartter, J.** and K. Boston. 2008. Consuming Fuel and Fueling Consumption: Modeling Human Caloric Demands and Fuelwood Use. *Small-scale Forestry* 7(1): 1-15.
4. **Hartter, J.**, Lucas, C., Gaughan, A., and L.L. Aranda. 2008. Detecting Tropical Dry Forest Succession in a Shifting Cultivation Mosaic of the Yucatán Peninsula, Mexico. *Applied Geography* 28(2): 134-149.

3. **Hartter J.** and K. Boston. 2007. An Integrated Approach to Modeling Resource Utilization for Rural Communities in Developing Countries. *Journal of Environmental Management* 85(1): 78-92.
2. **Hartter J.** and J. Garland. 2006. Synthetic Rope End Connections For Use in Timber Harvesting. *International Journal of Forest Engineering* 17(1): 39-51.
1. **Hartter, J.**, Leonard, J., Garland, J., and S. Pilkerton. 2006. Research on Synthetic Rope and its Future in Timber Harvesting. *New Zealand Journal of Forestry* 51(2): 23-30.

REFEREED ARTICLES SUBMITTED

Fuda, R., Ryan, S.J., Cohen, J.B., **Hartter, J.**, Frair, J.L. *In review*. Assessing Impacts to Primary Productivity at the Human-Park Interface in Murchison Falls Conservation Area, Uganda. *Ecography*.

Hamilton, L.C., Wake, C.P., **Hartter, J.**, Safford, T.G., and A. Puchlopek. *Accepted*. Flood Realities, Perceptions and the Depth of Divisions on Climate. *Sociology*.

Ryan, S.J., Palace, M., **Hartter, J.**, Diem, J.E., Chapman, C.A., and **J. Southworth**. *In review*. Population pressure and global markets drive deforestation in Africa's Albertine Rift. *Ecosphere*.

MacKenzie, C.A., Fuda, R., **Hartter, J.**, and S.J. Ryan. *In review*. Drilling through conservation policy: oil exploration in Murchison Falls Conservation Area, Uganda. *Oryx*.

Kiage, L., Howey, M., **Hartter, J.**, and M. Palace. *In review*. Long-term paleoenvironmental change in tropical Africa based on a record from Lake Kifuruka, western Uganda. *Palaeogeography, Palaeoclimatology, Palaeoecology*.

EDITED BOOK CHAPTERS

Gibbes, C., Cassidy, L., **Hartter, J.**, and J. Southworth. 2012. The Monitoring of Land-Cover Change and Management Across Gradient Landscapes in Africa. In: Brondizio, E. and E. Moran (Eds.). *Human-Environment Interactions*. pp. 165-209. Springer.

Chapman, C.A., Chapman, L.J., Ghai, R.R., **Hartter, J.**, Jacob, A.L., Lwanga, J.S., Omeja, P.A., Rothman, J.M., and D. Twinomugisha. 2010. Complex Responses to Climate and Anthropogenic Changes: An Evaluation Based on Data from Kibale National Park, Uganda. In: A.J. Plumptre (Ed.). *Long Term changes in Africa's Rift Valley: impacts on biodiversity and ecosystems*. pp. 70-87. Nova Science Publishers, Hauppauge, New York.

Hartter, J., Southworth, J., and M. Binford. 2009. Parks as a Mechanism to Maintain and Facilitate Recovery of Forest Cover: Examining Reforestation, Forest Maintenance and Productivity in Uganda. In: Southworth, J. and H. Nagendra (Eds.). *Reforesting Landscapes: Linking Pattern and Process*. pp. 275-296. Springer Landscape Series, New York.

Nagendra and Southworth (**J. Hartter**, contributing author). 2009. Reforestation: conclusions and implications Chapter Name. In: Southworth, J. and H. Nagendra (Eds.). *Reforesting Landscapes: Linking Pattern and Process*. pp. 357-367. Springer Landscape Series, New York.

Goldman, A., **Hartter, J.**, Southworth, J., and M. Binford. 2008. The Human Landscape around the Island Park: Impacts and Responses to Kibale National Park. In: Wrangham, R. and E. Ross (Eds.).

Science and Conservation in African Forests: The Benefits of Longterm Research. pp. 129-144. Cambridge University Press, Cambridge.

REPORTS/BRIEFS

Boag, A.E., **Hartter, J.**, Hamilton, L.C., Stevens, F.R., Ducey, M.J., Palace, M.W., Christoffersen, N.D., and P.T. Oester. 2015. Forest Views: Shifting Attitudes Toward the Environment in Northeast Oregon. National Issue Brief #81. Carsey School of Public Policy. University of New Hampshire, Durham.

Hartter, J., Stevens, F.R., Hamilton, L.C., Oester, P.T., Congalton, R.G., Ducey, M.J., and M. Crowley. 2014. Forest management and Wildfire Risk. National Issue Brief #70. Carsey Institute. University of New Hampshire, Durham.

Hamilton, L., **Hartter, J.**, Stevens, F., Congalton, R., Ducey, M., Campbell, M., Maynard, D., and M. Staunton. 2012. Forest Views: Northeast Oregon Survey Looks at Community and Environment. Issue Brief No. 47. Carsey Institute. University of New Hampshire, Durham.

Hartter, J. and C.R. Colocousis. 2011. Environmental, Economic, and Social Changes in Rural America Visible in Survey Data and Satellite Images. Issue Brief No. 23. Carsey Institute. University of New Hampshire, Durham.

PAPERS WITH PUBLISHED ABSTRACTS

Baird, T., Kniola, D., Carlson, K., **Hartter, J.**, Rogers, S., Russell, D. (2016, Feb) Adapting the Pink Time assignment to promote self-regulated learning across course types. Paper to be presented at the annual Conference on Higher Education Pedagogy at Virginia Tech, Blacksburg, VA.

Baird, T., Kniola, D., Carlson, K., **Hartter, J.**, Rogers, S., Russell, D. (2016, Mar) Adapting the Pink Time assignment to promote self-regulated learning across course types. Paper to be presented at the annual T-Summit Conference, Washington D.C.

Hamilton, L.C., **Hartter, J.**, and K. Saito. 2015. Trust in Scientists on Climate Change and Vaccinations. Annual Meeting of the American Sociological Association. August 22. Chicago, IL.

Tiemann, L. K., A. S. Grandy and **J. Hartter**. 2015. Changes in Soil Organic Matter Stability and Microbial Activity as Land Use Intensity Increases in Uganda. Soil Ecology Society Meeting, Colorado Springs, CO. June 9-12, 2015.

Ryan, S.J., Southworth, J., **Hartter, J.**, Fuda, R.K., Dowhaniuk, N., and J.E. Diem. 2015. Household Influences on Fragmentation in an African Park Landscape. Association of American Geographers Annual Meeting. April 21-25, 2015. Chicago, IL.

Boag, A.E., **Hartter, J.**, Stevens, F.R., Hamilton, L.C., Ducey, M.J., Palace, M., Christoffersen, N.D., and P.T. Oester. 2015. Local Perceptions of Forest Management and Wildfire Risk in Northeast Oregon. International Association of Wildland Fire. April 20-25. Boise, ID.

Stevens, F.R., **Hartter, J.**, Hamilton, L., Ducey, M., and R.G. Congalton. 2014. Changing Communities and Forests of the Inland Northwest: Perceptions and Realities at Multiple Scales. Association of American Geographers Annual Meeting. April 8-12, 2014. Tampa, FL.

Goldman, A., Bullock, R., and **J. Hartter**. 2013. Demography and the Moral Economy of Mid-Altitude Forest Conservation in East Africa. Annual Meeting of the African Studies Association. November 21-24, 2013. Baltimore, MD.

Hamilton, L.C., **Hartter, J.**, Safford, T.G., and F.R. Stevens. 2013. Rural environmental concern: Effects of position, partisanship and place. American Sociological Association, New York, NY. August 13, 2013

Ryan, S.J. and **J. Hartter**. 2013. Beyond Ecological Success of Corridors: Integrating Land Use History and Demographic Change to Provide a Whole Landscape Perspective. Ecological Society of America Annual Meeting. August 4-9, 2013. Minneapolis, MN.

Invited: Hartter, J., Hamilton, L., Stevens, F., Congalton, R., and M. Ducey. Communities and Forests in Oregon: What do People Think? Oregon Society of American Foresters Annual Meeting. April 24-26, 2013. Pendleton, OR.

Ryan, S.J., **Hartter, J.**, Palace, M., Diem, J., and C. Chapman. 2013. Parks, People, and Fragments: Remediating De-coupled Research into Natural-Human Systems. Association of American Geographers Annual Meeting. April 9-13, 2013. Los Angeles, CA.

Hartter, J., Palace, M., Ryan, S.J., Diem, J., and C.A. Chapman. 2013. Forest Loss, Agricultural Intensification, and the Islandization of Protected Areas in the African Albertine Rift. Association of American Geographers Annual Meeting. April 9-13, 2013. Los Angeles, CA.

Goldman, A. and **J. Hartter**. 2012. Frontier settlement around a forest park in Uganda: Implications of migration history for assessing the impacts of and options for forest protected areas. African Studies Association Annual Meeting. November 29-December 1, 2012. Philadelphia, PA.

Ryan, S.J. and **J. Hartter**. 2012. Population, Environment, and Climate in the Albertine Rift: Local Impacts of Regional Change. American Anthropological Association Annual Meeting. November 14-18, 2012. San Francisco, CA.

Ryan, S.J. and **J. Hartter**. 2012. Assessing Conservation Success: People, Wildlife, and Parks in the Albertine Rift. Society of Conservation Biology. North American Congress for Conservation Biology. July 15-18, 2012. Oakland, CA.

Hartter, J. and S.J. Ryan. 2012. The Island Fortress: People, Wildlife, and Park Landscapes in the Albertine Rift. Association of American Geographers Annual Meeting. February 24-28, 2012. New York City, NY.

Goldman, A. and **J. Hartter**. 2012. Frontier settlement around a forest park in Uganda and its implications. South Eastern Regional Seminar on African Studies (SERSAS) and South East Africanist Network (SEAN) meeting. February 3-4, 2012. Chapel Hill, NC.

Hartter, J. and F.R. Stevens. 2011. Community and Forest: Linked Human-Ecosystem Responses to Landscape Change in Northeast Oregon. Association of American Geographers Annual Meeting. April 12-16, 2011. Seattle, WA.

Goldman, A., **Hartter, J.** and M. Binford. 2011. Demography and the Conservation of Mid-Altitude Forests in East Africa. Association of American Geographers Annual Meeting. April 12-16, 2011. Seattle, WA.

Goldman, A., Binford, M., and **J. Hartter**. 2011. Demography and Mid-altitude Forest Conservation in East Africa. Florida Society of Geographers Annual Meeting. February 18-20, 2011. Gainesville, FL.

Goldman, A., Binford, M., and **J. Hartter**. 2011. Mid-altitude Forest conservation and Population Change in East Africa. South Eastern Regional Seminar on African Studies (SERSAS) and South East Africanist Network (SEAN) meeting. January 28-29, 2011. Gainesville, FL.

Ryan, S.J. and **J. Hartter**. 2010. Politics to parasites: health in African park landscapes. Student Conference on Conservation Science New York 2010. American Museum of Natural History. November 3-5, 2010. New York City, NY.

Stevens, F., **Hartter, J.**, Boston, K., Christofferson, and P. Survis. 2010. Shocks to the System: A Case Study of Changing Forests in Wallowa County, Oregon with Implications for Working and Managed Landscapes. Global Land Project Open Science Meeting 2010, "Land Systems, Global Change and Sustainability". October 17-19. Tempe, Arizona.

Stevens, F.R., Christofferson, N., **Hartter, J.**, and K. Boston. 2010. Mixed Methods for Monitoring Forest Health in Wallowa County, Oregon. Association of American Geographers Annual Meeting. April 10-14, 2010. Washington DC.

Hartter, J. and S.J. Ryan. 2010. Top-down or bottom-up? Decentralization, natural resource management, and usufruct rights in the forests and wetlands of western Uganda. Association of American Geographers Annual Meeting. April 10-14, 2010. Washington DC.

Goldman, A.C. and **J. Hartter**. 2010. Alternative Narratives and Responses to Fortress Conservation in a Forest Park in Western Uganda. Association of American Geographers Annual Meeting. April 10-14, 2010. Washington DC.

Hartter, J., Stevens, F., and K. Boston. 2009. Impacts of Landscape Change on Forest-Dependent Communities in Wallowa County, Oregon. Association of American Geographers Annual Meeting. March 22-27, 2009. Las Vegas, NV.

Stevens, F., **Hartter, J.**, and K. Boston. 2009. Sensing Change: Analyzing Land Cover and Forest Dynamics in Wallowa County, Oregon. Association of American Geographers Annual Meeting. March 22-27, 2009. Las Vegas, NV.

Ryan, J. and **J. Hartter**. 2009. The Social Impacts of Landscape Change around a Fortress Park in Uganda. Association of American Geographers Annual Meeting. March 22-27, 2009. Las Vegas, NV.

Ryan, J. and **J. Hartter**. 2009. The Usual Suspects: Migration, Fragmentation, Landscape and Climate Change - A Success Story in Kibale National Park, Uganda? Bay Area Conservation Biology Symposium. January 31, 2009. Palo Alto, CA.

Goldman, A., **Hartter, J.**, and A. Panikowski. 2009. Historic Narrative and Demographic Trajectory around a Forest Park in East Africa. Florida Society of Geographers Annual Meeting. January 23-25, 2009. St. Augustine, FL.

Hartter, J., Ryan, S.J., and J. Southworth. 2008. Examining Change in Forests and Wetlands in and around Kibale National Park, Uganda. Society of Conservation Biology Annual Meeting. July 13-17, 2008. Chattanooga, TN.

Hartter, J., Goldman, A.C., and B. Child. 2008. The Impacts of a Forest Park on Household Livelihoods. Association of American Geographers Annual Meeting. April 15-19, 2008. Boston, MA.

Hartter, J. 2007. Household and Landscape Level Impacts of Protected Area Establishment: The Case of Kibale National Park. Association of American Geographers Annual Meeting. April 17-21, 2007. San Francisco, CA.

Goldman, A., **Hartter, J.**, Southworth, J., and M. Binford. 2007. Successful Fortress Conservation in a High Density Region of Uganda. Florida Society of Geographers Annual Meeting. St. Petersburg. February 9-11, 2007.

Hartter, J. and A. Goldman. 2006. Resource Use and Household Livelihoods in Western Uganda: Living Near Wetlands and Forest Fragments. African Studies Association Annual Meeting, November 16-19, 2006. San Francisco, CA.

Hartter, J. and A. Goldman, Binford, M, Chapman, C., Chapman, L, and J. Southworth. 2006. Environmental Services and Hazards of Wetlands and Forest Patches in Western Uganda. Association of American Geographers Annual Meeting, March 7-11, 2006. Chicago, IL.

Southworth, J., Binford, M., **Hartter, J.**, and A. Goldman. 2006. Superpixels on the Landscape: A New Methodology to Study Households, Biodiversity, and the Landscape. Association of American Geographers Annual Meeting, March 7-11, 2006. Chicago, IL.

Goldman, A., **Hartter, J.**, Southworth, J., and M. Binford. 2006. "Superpixels" on the Landscape: Meso-Scale Sampling to Study Livelihoods, Land Use, Land Cover, and Biodiversity Around Kibale National Park, Uganda. Florida Society of Geographers Annual Meeting. St. Petersburg. February 17-19, 2006.

Southworth, J., Binford, M, and **J. Hartter.** 2006. Hotspots and Change: Using Thermal Analyses for Improving Land Cover Classifications. Florida Society of Geographers Annual Meeting. St. Petersburg. February 17-19, 2006.

Hartter, J., Goldman, A., Binford, M., Chapman, C., Chapman, L, and J. Southworth. 2006. Services and Hazards of Wetlands and Forest Patches for Communities Around Kibale National Park, Uganda. Florida Society of Geographers Annual Meeting. St. Petersburg. February 17-19, 2006.

Hartter, J. and K. Boston. 2005. Modeling Rural Community Resource Use in Developing Countries. Florida Society of Geographers Annual Meeting. February 2-5, 2005. Orlando, FL.

INTERNATIONAL PAPERS WITH PUBLISHED ABSTRACTS

Dowhaniuk, N., Hartter, J., Congalton, R.G., Palace, M.W., and S.J. Ryan. 2015. Landscape Change, Human Population Growth and Oil Development in Murchison Falls Conservation Area, Uganda. 27th International Congress for Conservation Biology 4th European Congress for Conservation Biology. August 2-6, 2015. Montpellier France.

Ryan, S.J., Southworth, J., **Hartter, J.**, Fuda, R.K., Dowhaniuk, N., and J.E. Diem. 2015. Household Influences on Fragmentation in an African Park Landscape. 27th International Congress for Conservation Biology 4th European Congress for Conservation Biology. August 2-6, 2015. Montpellier France.

Ryan, S. and **J. Hartter**. 2011. The value of fragments: extending park boundaries, dwindling resources, or sourcing crop raiders? International Congress for Conservation Biology. December 5-9, 2011. Auckland, New Zealand.

Hartter, J., Ryan, S.J., Southworth, J., Goldman, A.C., Binford, M.W., and C.A. Chapman. 2010. Fortresses and Fragments: Impacts of Fragmentation in a Forest Park Landscape. IUFRO Landscape Ecology International Conference. September 21-27, 2010. Bragança, Portugal.

Invited: Hartter, J. and S.J. Ryan. 2010. A Social and Ecological Landscape Analysis for Africa's Albertine Rift Region. DIMACS/MBI US – African BioMathematics Initiative: Workshop on Conservation Biology. August 11-13, 2010. South African Wildlife College, Limpopo, South Africa.

Invited: Chapman, C.A., Chapman, L.J., **Hartter, J.**, Jacob, A.L., Lwanga, J.S., Omeja, P., Rothman, J., and D. Twinomugisha. 2009. Complex Responses to Climate and Anthropogenic Changes: An Evaluation Based on Data from Kibale National Park, Uganda. MacArthur Foundation on Long-term Changes in the Albertine Rift. January 6-9, 2009. Kampala, Uganda.

Invited: Goldman, A., **Hartter, J.**, Southworth, J., Binford, M., Chapman, C., Chapman, L., Omeja, P., Twinomugisha, D., and A. Kasangaki. 2007. Human (& Biological) Landscapes around Kibale National Park. Kibale Chimpanzee Project 20th Anniversary Workshop. June 15-17, 2007. Kibale National Park, Uganda.

Invited: Southworth, J., Binford, M., Goldman, A., Binford, E., Chapman, C., Chapman, L., and **J. Hartter**. 2005. Footsteps on the Land: Detecting and Analyzing Change Within a Continuous Landscape Framework in and Around Kibale National Park, Uganda. The 6Pth Meeting of the Human Dimensions of Global Environmental Change Research. October 9-13, 2005. Bonn, Germany.

PAPERS IN PUBLISHED CONFERENCE PROCEEDINGS

Hartter, J., Ryan, S.J., Southworth, J., and C.A. Chapman. 2010. Fortresses and Fragments: Impacts of Fragmentation in a Forest Park Landscape. IUFRO Landscape Ecology International Conference. September 21-27, 2010. Bragança, Portugal.

Hartter, J., Garland, J., and S. Pilkerton. 2004. Synthetic Rope Properties and End Connector Concepts for Use in Timber Harvesting Applications. Joint Conference of IUFRO 3.06 Forest Operations under Mountainous Conditions and the 12th International Mountain Logging Conference. June 13-16, 2004. Vancouver, BC Canada.

Pilkerton, S., Garland, J., and **J. Hartter**. 2004. Applications of Synthetic Rope for Improved Ergonomic, Economic and Environmental Performance in Mountainous Logging. Joint Conference of IUFRO 3.06 Forest Operations under Mountainous Conditions and the 12th International Mountain Logging Conference. June 13-16, 2004. Vancouver, BC. Canada.

Hartter, J., Garland, J., and S. Pilkerton. 2004. Using Synthetic Rope in Forest Operations: End Connector Concepts. Council on Forest Engineering. Annual Conference, April 27-30, 2004. Slick Rock, AR.

Pilkerton, S., Garland, J., and **J. Hartter**. 2004. Comparison of Ergonomic Performance for a Skidder Operator Using Steel Wire and Synthetic Rope Winchline. Council on Forest Engineering. Annual Conference, April 27-30, 2004. Slick Rock, AR.

Garland, J., Session, J., Pilkerton, S., **Hartter, J.**, and J. Leonard. 2003. Synthetic Rope to Replace Wire Rope in Mountain Logging Operations. Austro 2003 – High Tech Forest Operation in Mountainous Terrain Proceedings, October 5-9, 2003. Schlägl, Austria.

Garland, J., Sessions, J., Pilkerton, S., Leonard, J., and **J. Hartter**. 2003. Synthetic Rope to Replace Wire Rope in Logging. Proceedings. 2nd Forest Engineering Conference, May 12-15, 2003. Växjö, Sweden.

CONFERENCE POSTERS

Hartter, J., Ducey, M.J., Hamilton, L.C., Palace, M.W., Stevens, F.R., Christoffersen, N., Oester, P., Boag, A.E., Perkins, J., and F. Sullivan. 2015. Climate Change Adaptation in Working Landscapes of the Intermountain West. Rural Voices for Conservation Coalition Annual Meeting. December 8-10, 2015. Troutdale, OR.

Diem, J.E., Ryan, S.J., **Hartter, J.**, and M.W. Palace. 2015. Satellite-Based Rainfall Data Reveal a Recent Drying Trend in Central Equatorial Africa. Association of American Geographers Annual Meeting. April 21-25, 2015. Chicago, IL.

Crowley, M.A., **Hartter, J.**, Hamilton, L.C., Christoffersen, N.D., and R.G. Congalton. 2015. Characterizing NIPF Landowners' Management Strategies and Collaborative Forestry Engagement at the parcel Level in Wallowa County, OR. Association of American Geographers Annual Meeting. April 21-25, 2015. Chicago, IL.

Crowley, M.A., **Hartter, J.**, Hamilton, L.C., Christoffersen, N.D., and Congalton, R.G., 2015, Characterizing NIPF landowners' management strategies, and collaborative forestry engagement in Wallowa County, OR. Abstract 65 presented at 2015 UNH Graduate Research Conference, University of New Hampshire, April 14, 2015. Durham, NH.

Hartter, J., Ducey, M.J., Hamilton, L.C., Palace, M.W., Stevens, F.R., Christoffersen, N., Oester, P., Boag, A.E., Perkins, J., and F. Sullivan. 2015. Climate Change Adaptation in Working Landscapes of the Intermountain West. USDA Project Directors Meeting. April 7-9, 2015. Washington DC.

Fuda, B., S. J. Ryan, J. L. Frair, and **J. Hartter**. 2014. Assessing impacts to primary productivity at the human-park interface. Student Conference on Conservation Science-New York. October 14-17, 2014. New York, NY.

Tiemann, L.K., Grandy, A.S., and **J. Hartter**. 2014. Soil Organic Matter Stability and Soil Carbon Storage with Changes in Land Use Intensity in Uganda. American Geophysical Union Fall Meeting. December 15-19, 2014. San Francisco, CA.

Tiemann, L.K., Grandy, A.S., and **J. Hartter**. 2014. Barriers to Soil Sustainability, Food Security and Biodiversity Conservation in the Albertine Rift. European Geosciences Union General Assembly April 27-May 2, 2014. Vienna Austria.

Dowhaniuk, N., **Hartter, J.**, Congalton, R.G., Ryan, S.J., and M.W. Palace. 2014. Population Growth and Landscape Change: The Potential for Impact from Industrial Oil Development in an African Biodiversity Hotspot. Association of American Geographers Annual Meeting. April 8-12, 2014. Tampa, FL.

Hartter, J., Ducey, M.J., Hamilton, L.C., Palace, M.W., Stevens, F.R., Christoffersen, N., and P. Oester. 2014. Climate Change Adaptation in Working Landscapes of the Intermountain West. USDA Project Directors Meeting. January 7-9, 2014. Gainesville, FL.

Diem, J., **Hartter, J.**, Ryan, S.J., and M.W. Palace. 2013. A drying trend in central equatorial Africa. Fall Meeting of the American Geophysical Union, 9-13 December 2013. San Francisco, CA.

Fuda, B., Ryan, S.J., Hartter, J. and C.A. MacKenzie. 2013. Carnivore Conservation in Northwest Uganda: Assessing Human Impacts and Attitudes. Student Conference on Conservation Science-New York. October 8-11, 2013. New York, NY.

DiSanto, G., **Hartter, J.**, and M. Stampone. 2013. Precipitation Trends in Western Uganda. Undergraduate Research Conference. University of New Hampshire. April 23-26, 2013. Durham, NH.

Breytenbach, E., Diem, J.E., **Hartter, J.**, Ryan, S.J., and C.A. Chapman. 2013. Following the rains: Perceptions of climate change around Kibale National Park, Uganda. Association of American Geographers Annual Meeting. April 9-13, 2013. Los Angeles, CA.

Diem, J.E., **Hartter, J.**, Palace, M.W., and S.J. Ryan. 2013. Validation of Satellite-Based Rainfall Products for Western Uganda. Association of American Geographers Annual Meeting. April 9-13, 2013. Los Angeles, CA.

Hartter, J., Ryan, S.J., Palace, M., Diem, J., and C.A. Chapman. 2012. Population, Environment, and Climate in the Albertine Rift: Understanding Local Impacts of Regional Change. American Geophysical Union Fall Meeting. December 3-7, 2012. San Francisco, CA.

Hartter, J., Ryan, S., Stampone, M., and C. Chapman. 2009. Dynamics in Protected Areas and Domesticated Landscapes Caused by Climate Change and Anthropogenic Use. American Geophysical Union Fall Meeting. December 14-18, 2009. San Francisco, CA.

Ryan, S.J. and **J. Hartter**. 2009. Fortresses and Fragments: How political, landscape and climate change force us to think of new cross-disciplinary conservation solutions. Ecological Society of America Annual Meeting. Albuquerque, NM. August 2-7, 2009.

Hartter, J. 2008. Linking Social and Ecological Data Using Geospatial Techniques to Examine Land Use and Cover Change in a Park Landscape. GIS Day. University of New Hampshire. November 12, 2008. Durham, NH.

Hartter, J. 2007. Using Geographic Techniques to Examine Impacts on a National Park in Africa. GIS Day. University of New Hampshire. November 14, 2007. Durham, NH.

Hartter, J. 2006. Social Impacts of Living Around Protected Areas: The Case of Kibale National Park, Uganda. Land Use and Environmental Change Institute Research Conference. November 3, 2006. Gainesville, FL.

Southworth, J., Binford, M., and **J. Hartter**. 2006. Hotspots and Change: Using Thermal Analyses for Improving Land Cover Classifications. Land Use and Environmental Change Institute Research Conference. November 3, 2006. Gainesville, FL.

Hartter, J. 2006. Wetlands, Forest Fragments, and Livelihoods in the Landscape Surrounding Kibale National Park, Uganda. 2006 Latin American Studies Field Research Conference. February 9, 2006. Gainesville, FL.

Hartter, J., Garland, J., Pilkerton, S., and J. Leonard. 2004. Synthetic Rope End Connections and Terminations in Timber Harvesting Applications. Oregon Occupational Safety and Health Administration. Salem, OR. Available at www.or-osh.org.

Hartter, J., Garland, J., Pilkerton S., and J. Leonard. 2003. Investigation of Synthetic Rope End Connections and Terminations in Timber Harvesting Applications. Council On Forest Engineering. Annual Conference, September 7-10, 2003. Bar Harbor, ME USA.

GRANT REPORTS

Hartter, J. 2005. Effects of Protected Areas on Community Livelihoods Around Kibale National Park, Uganda. Working Forests in the Tropics Field Research Grants Technical Report. Available at <http://www.tropicalforests.ufl.edu/wft/documents/summergrants/Joel%20Hartter%20report.doc>

Garland, J., Pilkerton, S., and **J. Hartter**. 2004. Running Lines and End Connectors for Synthetic Rope to Reduce Logging Workloads. Oregon Occupational Safety and Health Administration Worksite Redesign Grant Final Report. 71p. Available at www.or-osh.org.

Garland, J., Pilkerton, S., and **J. Hartter**. 2004. Eye Splice Guide. Oregon Occupational Safety and Health Administration Worksite Redesign Grant Final Report. Available at www.or-osh.org.

MANUSCRIPTS

Hartter, J. 2007. Landscape Change Around Kibale National Park, Uganda: Impacts on Land Cover, Land Use, and Livelihoods. PhD Dissertation. University of Florida. Gainesville, FL. 176p.

Hartter, J. 2004. Investigation of Synthetic Rope End Connections and Terminations in Timber Harvesting Applications. MS Thesis. Oregon State University. Corvallis, OR. 220p.

NEWSLETTERS

Hamilton, L., **Hartter, J.**, Boag, A. 2016. Central and Eastern Oregon Forestry and Natural Resources Newsletter. Oregon State University Extension Service. Winter 2016 Central and Eastern Oregon Forestry and Natural Resources Newsletter. Oregon State University Extension Service. Winter 2016

Hartter, J. 2015. Survey of eastern Oregon residents finds continued pessimism about conditions of forests. Blue Mountains Renewable Resources Newsletter. Oregon State University Extension Service. Vol 31, No 2. Summer 2015

Wallowa Resources. Paving the way for new opportunities: The CAFOR Project. Quarterly Connection. Summer 2015.

Hartter, J., Hamilton, L., Stevens, F., Congalton, R., Ducey, M., Campbell, M., Maynard, D. 2012. Research uncovers social attitudes toward changing forests. Wallowa Resources. Quarterly Connection. Fall 2012.

MEDIA

Mooney, C. 2015. Tea Party supporters distrust scientists not only on climate, but on vaccines – study. Washington Post. August 27, 2015. <https://www.washingtonpost.com/news/energy-environment/wp/2015/08/27/study-suggests-that-tea-partiers-distrust-scientists-more-on-vaccines/>

Thornton, T.D. 2013. In the Balance. A UNH Geographer Helps Give a Voice to Ugandans Living on the Edge of a Protected Forest. UNH Magazine. Winter 2013.

In the Bush: The Misadventures of a Geographer. The College Letter. Newsletter of the College of Liberal Arts, University of New Hampshire. September 2012.

Change Globally, React Locally: UNH Researchers Find African Farmers Need Better Climate Change Data to Improve Farming Practices. Press Release. UNH Media Relations. March 14, 2012.

UNH Receives National Science Foundation Grant to Study Changes in Climate, Population, and Land Use in Africa. Press Release, UNH Media Relations. September 28, 2011.

New Understanding of How Humans and the Environment Interact. Press Release. National Science Foundation. September 21, 2011.

GSU Scientist Examines Climate's Role in Pressures on Protected Lands in Africa. Press Release. Georgia State University. University Relations. September 16, 2011.

Carsey Institute Researchers to Survey Oregon Residents on Views about Community and Forest. Press Release, UNH Media Relations. September 2, 2011.

Jayson Jacoby. Study aims to take pulse of Northeastern Oregon's land, people. Baker City Herald. June 23, 2011. Front-page story about USDA-funded research in eastern Oregon.

Brian Addison. University studies forest, people. Wallowa County Chieftain. June 23, 2011. Front-page story about USDA-funded research in eastern Oregon.

Bill Rautenstrauch. Study takes in-depth look at forestlands and resource-dependent communities. The Observer. June 15, 2011. Feature story about USDA-funded research in eastern Oregon.

UNH Received \$400K Grant to Study How Changes in Ecosystems Impact Livelihoods in Resource-Dependent Areas. Press Release, UNH Media Relations. October 14, 2010.

David Brooks. 2009. Love Thy Neighbor. How Ugandan farmers cope with a wildlife park. University of New Hampshire Magazine, Spring, 12.

Hartter, J. 2007. *Amandla* Current Affairs and Politics in Africa. CKUT-FM, Montreal, Quebec. November 21, 2007.

Matthew Loving. 2007. Libraries in the wild. Community libraries thrive among the rain forests and wetlands of western Uganda's Kibale National Park. *American Libraries*. 45-48.

April Dudash. 2007. Book smarts. While searching for research data, Joel Hartter found a humanitarian within himself. Fall 2007. *UF Today*.

Mindy Morris. 2007. UF student strives to enrich lives of Ugandans through books. *Inside UF. The Independent Florida Alligator*. March 27, 2007.

Rebekah Hudder. 2007. Some Ugandans can learn to read thanks to U. Florida student. *Washington Week*. February 23, 2007.

Rebekah Hudder. 2007. Some Ugandans can learn to read thanks to U. Florida student. *The Independent Florida Alligator*. February 23, 2007.

University of Florida News. 2007. Geographer hosts book drive for Ugandan village libraries. February 15, 2007.

Yelena Moroz. 2006. It takes a village to build a library. Geography student promotes literacy in Uganda. Fall 2006. *Alumni CLASnotes*. College of Liberal Arts & Sciences, University of Florida.

Mike Crouse. 2004. Synthetic rope and logging. Second cooperators meeting yields some solutions. *Loggers World*. July 2004, 23-27.

INVITED PRESENTATIONS

Hartter, J., Ducey, M., Hamilton, L., Palace, M., Stevens, F., Boag, A., Christoffersen, N., Oester, P., Oester, P. 2015. Perceptions Matter: Understanding the Social Context for Managing Forest Landscapes in the Blue Mountains. Oregon Forest Collaboratives Network Workshop. November 10, 2015. Redmond, OR.

Hartter, J., Diem, J.E., Palace, M.W., and S.J. Ryan. Time Stand Still: Parks, People, and Climate Change in Africa's Albertine Rift. Environmental Studies Seminar. October 8, 2015. University of Colorado, Boulder.

Hartter, J., Diem, J.E., Palace, M.W., Dowhaniuk, N., and S.J. Ryan. 2015. Time Stand Still: Parks, People, and Climate Change in Africa's Albertine Rift. National Geographic Society. April 7, 2015. Washington DC.

Hartter, J. GSS 800 Elements of Geospatial Science. Guest lecture. January 2015. University of New Hampshire. Durham, NH.

Hartter, J. 2015. Time stand still: Parks, people, and climate change in Africa's Albertine Rift. ENVIS Seminar Series. University of Colorado. October 7, 2015. Boulder, CO.

Hartter, J. 2015. Local people matter!. ENVIS 1000 Introduction to Environmental Studies. Guest lecture. University of Colorado. October 22, 2015. Boulder, CO.

Ryan, S.J. and **J. Hartter**. 2014. Clash of the titans: People, Environment, and Climate in Africa's Albertine Rift. Integrative Biology Department Seminar Series. November 13, 2014. University of South Florida. Tampa, FL.

Hartter, J., Ryan, S., Palace, M., Diem, J., MacKenzie, C., and A. Goldman. 2014. Parks in Peril? Baraza. Center for African Studies. University of Florida. April 25, 2014. Gainesville, FL.

Hartter, J., Stevens, F.R., Ducey, M., Hamilton, L., and R. Congalton. 2014. Wildfire and Working Landscapes in the Interior Northwest. Department of Geography Colloquium. April 24, 2014. University of Florida. Gainesville, FL.

Hartter, J. 2014. Making it in the Academic Interview. Department of Geography. University of Florida. Gainesville, FL. April 24, 2014.

Hartter, J. 2014. Parks in Peril. Center for Environmental Journalism. March 20, 2014. University of Colorado. Boulder, CO.

Hartter, J., Ducey, M.J., Hamilton, L.C., Palace, M.W., Stevens, F.R., Christoffersen, N., and P. Oester. 2014. Climate Change Adaptation in Working Landscapes of the Intermountain Northwest. USDA NIFA research conference. January 6-9, 2014. Gainesville, FL.

Hartter, J. 2013. Changing Perceptions or Perceiving Change: Empirical Challenges for Biodiversity Conservation. University of Colorado. Boulder, CO. February 8, 2013.

Hartter, J. 2013. Population, Environment, and Climate in the Albertine Rift: Understanding Local Impacts of Regional Change in a Biodiversity Hotspot. University of Colorado. Boulder, CO. February 7, 2013.

Hartter, J. 2012. Toward Sustainability or Collapse: Population, Environment, and Climate in Africa's Albertine Rift. Georgia State University. Atlanta, GA. November 1, 2012.

Hartter, J., Howey, M., Lugalla, J., and M. Palace. 2012. Landscapes, Networks, & Social Resource Decisions: Using Geospatial Technologies to Create Long-Term Models of Firewood Use. Sustainability Research Collaboratory. University of New Hampshire. Durham, NH. May 18, 2012.

Hartter, J. 2012. Sustaining or Maintaining? Balancing Rural Livelihoods and Nature Conservation in Protected Area Landscapes. School of Sustainability. Arizona State University. Tempe, AZ. April 20, 2012.

Hartter, J., Howey, M., Lugalla, J., and M. Palace. 2012. Landscapes, Networks, & Social Resource Decisions: Using Geospatial Technologies to Create Long-Term Models of Firewood Use. Research Leveraging Spring Mini Conference. University of New Hampshire. Durham, NH. April 6, 2012.

Hartter, J. and S.J. Ryan. 2012. Parks, People, and Climate Change: Household Vulnerability in Equatorial Africa. A Closer Look Seminar Series. National Geographic Society. Washington DC. March 30, 2012.

Hartter, J. and S.J. Ryan. 2012. Sustaining Rural Livelihoods in Africa: Do Parks Make Good Neighbors? National Geographic Society. Washington DC. March 20, 2012.

Hartter, J. and S.J. Ryan. 2012. Local Living in the Larger Landscape: Population, Environment, and Climate in the Albertine Rift. Wildlife Conservation Society. Bronx, NY. February 24, 2012.

Hartter, J. 2011. Are Protected Areas Good Neighbors? Conservation, Demography, and Forest Landscapes. State University of New York, College of Environmental Science and Forestry. Department of Environmental and Forest Biology. Syracuse, NY. October 20, 2011.

Hartter, J. and F.R. Stevens. 2011. Where Have All the Cowboys and Loggers Gone? Carsey Seminar Series. University of New Hampshire. Durham, NH. April 19, 2011.

Hartter, J. 2010. Fortresses and Fragments: Impacts of Landscape Change in a Biodiversity Hotspot of Equatorial Africa. School of Natural Resources and Environment. The University of Michigan. Ann Arbor, MI. December 13, 2010.

Hartter, J., Stevens, F.R., and Boston, K. 2009. Analyzing Landscape Change, Forest Dynamics, and the Impacts of Change on Forest Dependent Communities. Forest Carbon Science and Management Workshop. Portsmouth, NH. November 17-18, 2009.

Hartter, J. and A. Goldman. 2009. Historic Narrative & Demographic Trajectory around a Forest Park in East Africa. Department of Anthropology. McGill University. Montreal, QC. April 29, 2009.

Hartter, J. 2009. Life on the Edge: Exploring Park-People Relationships in Sub-Saharan Africa. Center for International Education. University of New Hampshire. Durham, NH. March 9, 2009.

Hartter, J. 2009. Baboons or Farmers? Impacts of Protected Areas in East Africa. Active Retirement Association. Durham, NH. February 23, 2009.

Hartter, J., Goldman, A., Southworth, J., Binford, M., Chapman, C., Chapman, L., Omeja, P., Twinomugisha, D., and A. Kasangaki. 2008. Land Cover, Land Use, & Livelihoods around Kibale National Park. Kibale Conservation Area Researchers Symposium. Kibale National Park, Uganda. June 8, 2008.

Hartter, J. 2008. Many People and a Park: Impacts of Landscape Change In and Around Kibale National Park. McGill University. Geospectives: Department of Geography Seminar. Montreal, QC. April 2, 2008.

Hartter, J. 2008. Life in Uganda. Rochester Adams High School. Rochester Hills, MI. January 14, 2008.

Hartter, J. 2007. The Impact of Kibale National Park on Rural Communities. McGill University. Montreal, QC. November 16, 2007.

Hartter, J. 2007. Books Open the World. The Dean of Students Office Featured Speaker Series. University of Florida. Gainesville, FL. July 10, 2007.

Hartter, J. 2007. Parks vs. People: Impacts of Park Establishment in Sub-Saharan Africa. University of New Hampshire. Durham, NH. February 13, 2007.

Hartter, J. 2007. Life on the Edge: Exploring Park-People Relationships. University of New Hampshire. Department of Geography Colloquium. Durham, NH. February 12, 2007.

Hartter, J. 2007. Life on the Edge: Exploring Park-People Relationships. Portland State University. Department of Geography Colloquium. Portland, OR. February 5, 2007.

Hartter, J. 2007. Life on the Edge: Exploring Park-People Relationships. Georgia State University. Department of Geosciences Colloquium. Atlanta, GA. January 29, 2007.

Hartter, J. 2007. Parks vs. People: Impacts of Park Establishment in Sub-Saharan Africa. California Polytechnic University. Department of Social Sciences Colloquium. San Luis Obispo, CA. January 22, 2007.

PRESENTATIONS & LECTURES

Goldman, A., Binford, M., **Hartter, J.**, and K. Kirner. 2010. Demography and forest conservation in East Africa. University of Florida. Department of Geography Colloquium. Gainesville, FL. September 30, 2010.

Stevens, F.R., **Hartter, J.**, Christoffersen, N., Boston, K., and P. Survis. 2010. Public and Private Partnerships: Monitoring and Modeling Forest Health in Wallowa County, Oregon. IGERT Symposium. University of Florida. Gainesville, FL. May 3, 2010.

Goldman, A., **Hartter, J.**, Kirner, K., and A. Panikowski. 2009. Conflicting Narratives of Conservation, Injustice, and Frontiers in East Africa. Department of Geography Colloquium. University of Florida. Gainesville, FL. December 4, 2009.

Hartter, J. and B. Cook. 2008. Community and Environment in Rural America. A Framework for Monitoring Land Use and Land Cover Change. Presented to The Carsey Institute and National Congress of American Indians. Durham, NH. October 2, 2008.

Hartter, J. 2008. Using Geographic Techniques to Examine Impacts on Kibale National Park, Uganda Geographic Techniques to Examine a Forested Park in East Africa. Presented to GEOG 759 Digital Image Processing. University of New Hampshire. Durham, NH. April 30, 2008.

Hartter, J. 2008. The Impact of Kibale National Park on Rural Communities. University of New Hampshire. Department of Natural Resources Seminar. Durham, NH. March 12, 2008.

Goldman, A., **Hartter, J.**, Southworth, J., Binford, M., and A. Panikowski. 2007. Many People and a Park. Demography & the Future (& the Past) of Forest Parks in East Africa. University of Florida. Department of Geography Colloquium. Gainesville FL. November 15, 2007.

Hartter, J. 2006. Household and Landscape Level Impacts of Protected Area Establishment: The Case of Kibale National Park. Presented to GEO 5134 Remote Sensing of Environment class. November 28, 2006.

Southworth, J., Binford, M., **Hartter, J.**, Goldman, A., Chapman, C., and L. Chapman. 2006. Monitoring Land use, Land cover change and Implications for Biodiversity: Kibale National Park, Uganda. November 2, 2006. Department of Entomology Seminar. University of Florida. Gainesville, FL.

Hartter, J. 2006. Life on the Edge: Resource Use in Communities Surrounding Kibale National Park, Uganda. Department of Geography Colloquium. November 2, 2006. University of Florida. Gainesville, FL.

Southworth, J., Binford, M., and **J. Hartter**. 2006. Seeing the Forest? Seeing the Trees?: Advantages and Disadvantages of Satellite Remote Sensing Analyses, Using Examples from Kibale National Park, Uganda. October 26, 2006. School of Forest Resources and Conservation Seminar. University of Florida. Gainesville, FL.

Hartter, J. 2006. Social Impacts of Living Around Protected Areas: The Case of Kibale National Park, Uganda. Natural Resources Management in Africa Working Group. October 13, 2006. University of Florida, Gainesville, FL.

Hartter, J. 2006. Ambiguity and Confusion: Usufruct Rights of Forests and Wetlands in Western Uganda. Presented to the UF SUR 6427 Land Tenure and Administration class. April 25, 2006. University of Florida. Gainesville, FL.

Hartter, J. 2006. Land Tenure in Western Uganda. Presented to the UF SUR 6427 Land Tenure and Administration class. February 7, 2006. University of Florida. Gainesville, FL.

Hartter, J. 2005. Effects of Protected Areas on Communities Around Kibale National Park, Uganda. Students of African Studies Association. Presented November 9, 2005. University of Florida. Gainesville, FL.

Southworth, J., Binford, M., **Hartter, J.**, Goldman, A., Chapman, C., and E. Binford. 2005. Footsteps on the Landscape: Detecting and Analyzing Landscape Change in and Around Kibale National Park, Uganda and Tarangire National Park, Tanzania. Interdisciplinary Ecology Seminar. Presented Nov. 1, 2005. University of Florida. Gainesville, FL.

Hartter, J. 2005. "Bulungi Bwansi" – Examining Local Governance in Uganda. Presented to the UF GEO 6938 Political Economy of Conservation Africa. April 19, 2005. University of Florida. Gainesville, FL.

Hartter, J. 2004. Natural Resource Use and Integrating Agroforestry in Uganda. Presented to the OSU FS 532 Agroforestry Planning class. May 31, 2004. Oregon State University. Corvallis, OR.

Hartter, J. 2004. A Framework for Evaluating Natural Resource Consumption in Rural Communities. Presented to the OSU FE 551 class. May 10, 2004. Oregon State University. Corvallis, OR.

Hartter, J. 2004. Synthetic Rope End Connectors for Timber Harvesting Applications. Synrope Cooperators Conference. Presented May 7, 2004. Oregon State University. Corvallis, OR.

Hartter, J. 2004. A Community Resource Utilization Plan and Development Strategy for Communities Adjacent to Kibale Forest, Uganda. Presented to the OSU FE 550 Forest Harvesting Design Class. March 11, 2004.

Hartter, J. 2004. Modeling Community Resource Use in Developing Countries. Forest Engineering Seminar. Presented February 20, 2004. Oregon State University. Corvallis, OR.

Hartter, J. 2003. Evaluating Synthetic Rope for Use in Forest Operations. Forest Engineering Seminar. Presented February 13, 2003. Oregon State University. Corvallis, OR.

Hartter, J. 2003. Investigation of Synthetic Rope End Connections and Terminations in Timber Harvesting Applications. Synrope Cooperators Conference. Presented May 30, 2003. Oregon State University. Corvallis, OR.

HONOR SOCIETIES

- Xi Sigma Pi National Forestry Honor Society
- Phi Kappa Phi National Honor Society
- Pi Tau Sigma National Mechanical Engineers Honor Society

LANGUAGES STUDIED

- German, fluent – written and spoken
- Swahili, intermediate knowledge
- Spanish, beginner knowledge

PROFESSIONAL MEMBERSHIP

- Association of American Geographers
- Society of American Foresters
- African Studies Association
- American Geophysical Union

SERVICE

- U Colorado, Chair of Professional Education Working Group, AY14/15
- U Colorado, Environmental Studies Program, chair of Professional Education Committee, AY13/14-present
- U Colorado, Environmental Studies Program Executive Committee member, AY14/15-present
- U Colorado, Environmental Studies Program Graduate Committee member, Sp14
- U New Hampshire, Provost's planning group for School of Earth and Environment
- U New Hampshire, Dept of Geography undergraduate advisor
- U New Hampshire, Dept of Geography internship coordinator
- U New Hampshire, Dept of Geography, Hamel Center for Undergraduate Research faculty liaison
- U New Hampshire Engaged Scholars Academy 2010
- U New Hampshire Faculty Senate, AY07/08-AY08/09, AY12/13-AY13/14
- U New Hampshire Student Affairs Committee, AY08/09
- U New Hampshire Campus Planning Committee, AY07/08
- Referee for *Applied Geography*, *Ecology & Society*, *Society & Natural Resources*, *Photogrammetric Engineering and Remote Sensing*, *The Geographical Review*, *Journal of Environmental Management*, *Journal of Nigerian Studies*, *Restoration Ecology*, *Land Use Policy*, *Land Use Science, Land, Forest Policy and Economics*, *Forest Science*, *Environmental Conservation*, *Applied Ergonomics*, *PLoS ONE*, *Environmental Management*, *Biological Conservation*, *Conservation Biology*, *Forest Ecology & Management*, *Environmental Letters*, *Food Security*, *Oryx*, and many others
- External reviewer for National Science Foundation, Natural Sciences and Engineering Research Council of Canada (NSERC) for Strategic Project Grants Program, National Geographic Society, New Nature Foundation grants
- Reviewer for *Science and Problem Solving in the 21st Century: From Wicked Problems to New Strategies* (Oregon State University Corvallis)
- Reviewer for *Survey of Sub-Saharan Africa* (Oxford University Press, New York)
- Reviewer for *World Regional Geography*, 6th Ed. (Cengage Learning, Belmont CA)
- Reviewer for *Modern Africa: Urban and Rural Revolutions* (Oxford University Press, New York)
- Association of American Geographers 2008 Annual Meeting session organizer and co-chair *Protected Areas and Human-Wildlife Conflict I and II*
- Executive Board, Books Open the World (www.booksopentheworld.org) 501(c)(3) registered non-profit, 2006-2009
- Editorial Committee *African Studies Quarterly*, 2005-2007
- Co-founder National Resource Management Issues in Africa Working Group & lecture series, Center for African Studies, University of Florida, 2005-2007
- Invited participant in NSF Workshop for Enhancing Collaborative Research on the Environment in Sub-Saharan Africa, Jan. 2005
- Sustainable Forestry Partnership Discovery Lecture Series coordinator, Spring 2004
- Department of Germanic Languages, U Michigan, development of curriculum for engineering students, 1998-2000
- International Programs in Engineering, U Michigan, program development team, senior student advisor, 1997-2000