

## Matthew Hamilton

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CONTACT INFORMATION	Center for Environmental Policy and Behavior Department of Environmental Science and Policy University of California, Davis 2128 Wickson Hall Davis, CA 95616	<i>email:</i> mhamilton@ucdavis.edu <i>skype:</i> matt.hamilton.skype
EDUCATION	<b>University of California - Davis</b> Ph.D. Candidate (expected June 2016) <ul style="list-style-type: none"><li>• Topic: Climate change governance in the Lake Victoria region</li><li>• Advisor: Dr. Mark Lubell</li></ul> M.S. in International Agricultural Development, March 2012 <ul style="list-style-type: none"><li>• Thesis: “Application of participatory GIS as a tool for knowledge exchange and decision-making in water resource management”</li></ul> <b>Dartmouth College</b> B.A. in Government, Earth Sciences minor, June 2005	
FELLOWSHIPS AND GRANTS	Political Networks Travel Fellowship (2015) NSF Responding to Rapid Environmental Change IGERT International Research Grant (2014) Ecology Graduate Group Fellowship (2014 - 2015) Jastro Shields Scholarship (2013) NSF Responding to Rapid Environmental Change IGERT (2011 - 2013) UC Davis Graduate Student Travel Award (2011) Switzer Environmental Fellowship (2010 - 2011) International Agricultural Development Graduate Group Fellowship (2009 - 2011) Tinker Foundation Field Research Grant (2010) Planet Action Grant (2010)	
PUBLICATIONS	Farzan, S., D. J. N. Young, A. G. Dedrick, M. Hamilton, E. C. Porse, P. S. Coates, G. Sampson. 2015. Western juniper management: assessing policies for improving greater sage-grouse habitat and rangeland productivity. <i>Environmental Management</i> . 1-9.  Lubell, M., B. B. Cutts, L. M. Roche, M. Hamilton, J. D. Derner, E. Kachergis, and K. W. Tate. 2013. Conservation Program Participation and Adaptive Rangeland Decision-Making. <i>Rangeland Ecology &amp; Management</i> . 66(6): 609-620.	
MANUSCRIPTS IN PREPARATION	Hamilton, M., M. Lubell, E. Namaganda. Collaborative governance of climate change across spatial and institutional scales.  Hamilton, M., S. A. Vosti, R. Gouissou. Spatial patterns in the cost of access to healthcare products and services in rural Burkina Faso: Implications for the distribution of nutrient supplements.	
SELECTED NON-REFEREED PUBLICATIONS	Hamilton, M. 2014. Making connections: An organizational network analysis of expertise exchange and stakeholder collaboration with USAID Uganda’s Environmental Management for Oil Sector Activity. USAID, Kampala, Uganda.  Lubell, M., Tate, K., Cutts, B., Hamilton, M. 2012. Rancher Attitudes and Participation in Conservation Easements in California. Center for Environmental Policy and Behavior, Davis.  Hamilton, M. 2010. A-MANO: A Technical Guide and Conceptual Framework. Global Water Initiative, San Salvador.	

Kingsland, M. and Hamilton, M. 2010. Population & Natural Resources case study: How can food production be produced sustainably to feed growing populations? In Solem, M., Klein, P., Muiz-Solari, O., and Ray, W., eds., AAG Center for Global Geography Education.

PRESENTATIONS

Hamilton, M., M. Lubell, E. Namaganda. 2015. "Climate change adaptation policy networks in the Lake Victoria region". American Political Science Association Annual Meeting, San Francisco, CA.

Hamilton, M., E. Namaganda, M. Lubell. 2015. "Policy networks and climate change adaptation in the Lake Victoria Basin: a multi-scale perspective". Political Networks, Portland, OR.

Hamilton, M. 2013. "Spatial dimensions of healthcare needs and costs in rural Burkina Faso". Annual Meeting of the Association of American Geographers, Los Angeles, CA.

Hamilton, M., S. Vosti, T. Phiri, P. Ashorn, J. Phuka, K. Maleta, J. Humber. 2012. "Spatial patterns in the cost of access to healthcare products and services in rural Malawi".

- Spring Seminar of the Graduate Group in Geography, Davis, CA.
- Seminar in International and Community Nutrition, Davis, CA.
- Annual Meeting of the Association of American Geographers, New York, NY.

Hamilton, M. 2011. "Use of Participatory Orthophoto Mapping for Adaptive Planning of Integrated Water Resource Management". Annual Meeting of the Association of American Geographers, Seattle, WA.

Hamilton, M., N. Minero, and E. Castellanos. 2010. "Participatory Orthophoto Mapping for Monitoring and Evaluation of Integrated Water Resource Management." Annual Meeting of the Association of American Geographers, Washington, D.C.

Hamilton, M. 2009. "My Community, Our Earth: Geographic Learning for Sustainable Development." 17th Session of the UN Commission on Sustainable Development, New York.

TEACHING  
EXPERIENCE

ANT 103: People and Conservation, UC Davis 2015  
*Instructor*

ESP 178: Applied Research Methods, UC Davis 2015  
*Teaching Assistant*: Led three weekly discussion sections; graded tests and essays.

NASA and USAID-funded MyCOE-SERVIR fellowship training workshops 2012 - 2014  
*Co-organizer and Lecturer* for four workshops for university students, including:

- Climate Change, Landscape and Watersheds in Southeast Asia (Bangkok, Thailand)
- Women in Climate Change and Food Security in West Africa (Accra, Ghana)
- Climate Change in Mountain Area Regions (Kathmandu, Nepal)
- Climate Change, Agriculture and Food Security in East Africa (Nairobi, Kenya)

ESP 179: Environmental Impact Analysis, UC Davis 2011  
*Teaching Assistant*: Led three weekly discussion sections; graded tests and essays.

IAD 290: Seminar in International Agricultural Development, UC Davis 2010  
*Co-organizer*: Lectured; facilitated discussions; brought in expert lecturers.

ANALYTICAL  
SKILLS

Statistical analysis (R, STATA).

Social network analysis (R, UCINET, ORA).

Spatial analysis, spatial data management, and cartographic design (ArcView, QGIS, R, KML, Python, Inkscape).

SERVICE

Search Committee for Assistant Professor in Environmental Science and Policy, UC Davis (2012). *Graduate Student Member*.

PROFESSIONAL  
EXPERIENCE

**Center for Environmental Policy and Behavior, Davis, CA**

*Graduate Student Researcher*

**Mar. 2010 - present**

- Statistical analysis of adaptive management of rangelands for USDA-funded "Range-land Decision-making".
- Spatial analysis and data management for NSF-funded "Social Networks and Decision-Making in Sustainable Agriculture".

**iLiNS Project, Davis, CA**

*Graduate Student Researcher for Dr. Stephen A. Vosti*

**Oct. 2010 - present**

Conduct spatial analysis to support this international malnutrition-prevention project.

**Global Water Initiative, El Salvador, Guatemala, Nicaragua, Honduras**

*Graduate Student Research Consultant*

**Aug. 2009 - Sep. 2010**

Developed A-MANO, a methodology for using geographic technologies and satellite photos for planning, monitoring & evaluation, and visualization of natural resource management projects.

**Association of American Geographers, Washington, D.C.**

*Coordinator, Developing Regions Program*

**Apr. 2008 - Aug. 2009**

Fostered collaboration among geographers from developing regions; contributed to research on environmental and humanitarian applications of geospatial technologies.

**Peace Corps, Caazapa, Paraguay**

*Crop Extension Volunteer*

**Sep. 2005 - Dec. 2007**

Promoted beekeeping as a new source of income for subsistence farmers through beekeeping courses, radio programs and technical support.