



DEREK T. ROBINSON

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Curriculum Vitae

PROFESSIONAL PREPARATION

Ph.D., University of Michigan, School of Natural Resources & Environment, 2009
MES, University of Waterloo, Department of Geography, 2003
BES, University of Waterloo, Department of Geography, 2001

ACADEMIC APPOINTMENTS

2012. Assistant Professor, Department of Geography and Environmental Management, University of Waterloo.
2010. Post-doctoral Research Associate, School of GeoSciences, University of Edinburgh.
2009. Post-doctoral Research Associate, School of Natural Resources & Environment, University of Michigan.

HONOURS, AWARDS, & COMPETITIVE FELLOWSHIPS

2009	NASA – MSU Professional Enhancement Award	\$700
	Travel Grants, AAG SAM, Rackham, SNRE	\$1100
2008	Terrestrial Ecosystem Faculty Award, faculty elected student for outstanding scholarship, UM.	
	American Association of Geographer’s GIS Specialty Group Student Paper Competition, 2 nd Place	\$750
	Travel Grants, Rackham, SNRE.	\$800
2007	Graham Environmental Sustainability Institute (GESI) Fellow, UM.	\$50,000
	AAAS/Science Program for Excellence in Science Award.	
2006	Natural Sciences & Engineering Research Council of Canada (NSERC) PGS-D.	\$42,000
	Dissertation Research Grant, American Association of Geographers.	\$400
	Doctoral Research Grant, SNRE, UM.	\$300
	Rackham Discretionary Candidate Award, UM.	\$2,500
2005	Rackham Interdisciplinary Workshop Grant, UM.	\$6,000
	Rackham Discretionary Pre-Candidate Award, UM.	\$1,500
	Doctoral Research Grant, SNRE, UM.	\$300
	Travel Grants, SNRE, Rackham, UM, 2005-2007.	\$2,200
2003	Recruitment Scholarship, SNRE, UM.	\$10,000
	Lorne Russwurm Excellence in Teaching Award, Dept. of Geog., University of Waterloo.	

PEER REVIEWED PUBLICATIONS

- In Press. **Robinson, D.T.**, Murray-Rust, D., Rieser, V., Melicic, V., and M. Rounsevell. Modelling the impacts of land system dynamics on human well-being: using an agent-based approach to cope with data limitations in Koper, Slovenia. *Computers, Environment, and Urban Systems*.
- In Press. Luus, N., **Robinson, D.T.** and P.J. Deadman. Representing environmental processes in agent-based models of land use and cover change using ecological model approaches. *Journal of Land Use Science*.
- In Press. Rounsevell, M., **Robinson, D.T.** and D. Murray-Rust. From actors to agents in socio-ecological systems models. *Philosophical Transactions of the Royal Society B* (2012) 00, 1–11, DOI: 10.1098/rstb.2011.0187
- Online First. **Robinson, D.T.**, Land-cover fragmentation and configuration of ownership parcels in an exurban landscape. *Urban Ecosystems*. DOI: 10.1007/s11252-011-0205-4
2009. **Robinson, D.T.** and D.G. Brown, Evaluating the effects of land-use development policies on ex-urban forest cover: an integrated agent-based GIS approach. *International Journal of Geographical Information Science* 23:9, 1211-1232.

2009. **Robinson, D.T.**, Brown, D.G., and W.S. Currie. Modelling carbon storage in highly fragmented and human dominated landscapes: linking land-cover patterns and ecosystem models. *Ecological Modelling* 220: 1325-1338.
2009. Zellner M.L., Page S.E., Rand W., Brown D.G., **Robinson D.T.**, Nassauer J., and B. Low. The emergence of zoning policy games in exurban jurisdictions. *Land Use Policy* 26: 356-367.
2008. Rindfuss, R.R., Entwistle B., Walsh, S.J., An, L., Badenoch, N., Brown, D.G., Deadman, P., Evans, T.P., Fox, J., Geoghegan, J., Gutman, M., Kelly, M., Linderman, M., Liu, J., Malanson, G.P., Mena, C.F., Messina, J.P., **Robinson, D.T.**, Sawangdee, Y., Verburg, P., Zong, G., Land use change: complexity and comparisons. *Journal of Land Use Science* 3(1): 1-10.
2008. Brown D.G., **Robinson D.T.**, Nassauer J.I., An L., Page S.E., Low B., Rand W., Zellner M., and R. Riolo. Exurbia from the Bottom-Up: Agent-Based Modeling and Empirical Requirements. *Geoforum* 39: 805-818.
2007. **Robinson D.T.**, Brown D.G., Parker D.C., Schreinemachers P., Janssen M.A., Huigen M., Wittmer H., Gots N., Promburom P., Irwin E., Berger T., Gatzweiler F., and C. Barnaud. Comparison of Empirical Methods for Building Agent-Based Models in Land Use Science. *Journal of Land Use Science* 2(1): 31-55.
2006. Brown, D. G. and **D. T. Robinson**. Effects of Heterogeneity in Residential Preferences on an Agent-Based Model of Urban Sprawl. *Ecology and Society* 11(1): 46. [online] URL: <http://www.ecologyandsociety.org/vol11/iss1/art46/>
2005. Brown D., Riolo R., **Robinson D.T.**, North M., and W. Rand. Spatial Process and Data Models: Toward Integration of Agent-Based Models and GIS. *Journal of Geographical Systems* (7)1: 25-47.
2004. Deadman, P. J., **Robinson, D.T.**, Moran, E., and E. Brondizio. Colonist household decision-making and land-use change in the Amazon Rainforest: an agent-based simulation. *Environment and Planning B: Planning and Design* (31)5: 693 – 709.

OTHER PUBLICATIONS

- Forthcoming. Brown, D.G., **Robinson, D.T.**, French, N.H.F., and B.C. Reed (eds). Land Use and the Carbon Cycle: Science and Applications in Human Environment Interactions. Cambridge University Press. Accepted for publication Fall 2011.
- Forthcoming. **Robinson, D.T.**, Brown, D.G., French, N.H.F., and B.C. Reed. Linking land use and the carbon cycle: A conceptual framework. Brown, D.G., **Robinson, D.T.**, French, N.H.F., and B.C. Reed (eds), in Land use and the carbon cycle: Science and applications in coupled natural-human systems. Cambridge University Press.
- Forthcoming. Evans, T., West, T., Schmitt-Harsh, M., and **D.T. Robinson**. The representation of carbon in land use models. Brown, D.G., **Robinson, D.T.**, French, N.H.F., and B.C. Reed (eds), in Land use and the carbon cycle: Science and applications in coupled natural-human systems. Cambridge University Press.
- Forthcoming. **Robinson, D.T.** Evaluating the effects of land-use development policies on forest carbon storage: An integration of ABM, GIS, and BIOME-BGC. Brown, D.G., **Robinson, D.T.**, French, N.H.F., and B.C. Reed (eds), in Land use and the carbon cycle: Science and applications in coupled natural-human systems. Cambridge University Press.
- In Press. **Robinson, D.T.**, and D.G. Brown. Querying and Changing Raster Data with Agent Analyst. Kevin Johnston (ed), in Agent-Based Modeling in ArcGIS. ESRI Press.

2012. D.C. Parker, D.G. Brown, T. Filatova, R. Riolo, **D.T. Robinson**, and S. Sun. Do land markets matter? A modeling ontology and experimental design to test the effects of land markets for an agent-based model of ex-urban residential land-use change. A. Heppenstall, A. Crooks, L.M. See, and M. Batty (eds), in *Agent-Based Models of Geographical Systems*, 525-542, DOI: 10.1007/978-90-481-8927-4_26
2010. **Robinson, D.T.**, Filatova, T., Sun, S., Riolo, R.L., Brown, D.G., Parker, D.C., Hutchins, M., Currie, W.S. and J.I. Nassauer. Integrating land markets, land management, and ecosystem function in a model of land change. in *Proceedings of 2010 International Congress on Environmental Modelling and Software*, D.A. Swayne, W. Yang, A.A. Voinov, A.Rizzoli, T.Filatova (Eds.), Fifth Biennial Meeting, Ottawa, Canada <http://www.iemss.org/iemss2010/index.php?n=Main.Proceedings>
2009. Brown, D.G., French, N.H.F., Reed, B.C., and **D.T. Robinson**. Land Use/Land Cover Change and the Carbon Cycle. Report submitted to the Land Use and Carbon Cycle Steering Groups of the US Global Change Research Program.
2009. Brown, D.G., Höll, B., Mauser, W., and **D.T. Robinson**. Tough Choices – Land use under a Changing Climate. White paper – on joint German-US research activities in the field of Land Use and Global Change. Report submitted to Deutsche Forschungsgemeinschaft (DFG)/Federal Ministry of Education and Research (BMBF) and National Science Foundation (NSF).
2005. Rand, W., Brown D., Riolo, R., and **D. Robinson** – *Toward a Graphical ABM Toolkit with GIS Integration*. Proceedings of Agent 2005, Chicago, IL, Oct. 13-15. <http://agent2003.anl.gov/proc2005.html>
2004. Shepardson, B.L. and **D.T. Robinson** - *Land Use and Resource Management in an Agent-Based Commons Model*. Proceedings of Santa Fe Institute's Complex Systems Summer School, Santa Fe, NM, June 6 – July 2.
2002. Deadman, P. J., Lim, K., **Robinson, D.**, Moran, E. and McCracken, S. *LUCITA: Multi-Agent Simulations of Land-Use Change near Altamira, Brazil*. in *Agent-Based Models of Land-Use and Land-Cover Change*. LUCC Report Series No. 6. (Eds) D. C. Parker, T. Berger and S. Manson. Irvine, California, USA, October 4-7, 2001.

CONFERENCE PAPERS, POSTERS, & PRESENTATIONS

2012. **Robinson, D.T.**, Murray-Rust, D., Rieser, V., Melicic, V., and M. Rounsevell. Using ABM experiments and scenarios to evaluate potential impacts of land-use change on human well-being in Koper, Slovenia. Applications and Developments in Simulating Land-Use Change session at the Canadian Association of Geographers Annual Conference, Waterloo, ON, May 28 - June 2.
- Karali, E., Murray-Rust, D., **Robinson, D.T.**, Guillem, E.E., Hersperger, A.M., Brunner, B., Omann, I., Bohunovsky, L., Wesely, J., Dendoncker, N., Fontaine, C.M., Acosta-Michlik, L., and M.D.A. Rounsevell. Investigating farmer land-use decisions using an empirically informed agent-based model. Presented at A European perspective on the future of biodiversity and ecosystems - Final Conference of the ECOCHANGE FP6 Project, ETHZ, Rämistrasse 111, Zürich, Switzerland, March 21-22.
2011. **Robinson, D.T.**, Murray-Rust, D., Rieser, V., Rounsevell, M., Karali, E. And E. Guillem. Estimating the impacts of land-use change on human well-being and the provision of ecosystem services. Proceedings of the IALE-UK, Wolverhampton University, Telford, UK, Sept. 6-8.
- Bone, C., Ligmann-Zielinska, A., Manson, S.M., Morgan, F., Sun, S., Brown, D., Dragicevic, S., and **D. Robinson**. Design Principles for Agent-based Models of Land-use/Land-cover change. Panelist Discussion at the Association of American Geographers Annual Conference, Seattle, WA, April 12-16.
- Robinson, D.T.**, Murray-Rust, D., Rieser, V., Melicic, V., and M. Rounsevell. Evaluating the impacts of land use change on human well-being and the provision of ecosystem services. Modelling Complexity, at the Association of American Geographers Annual Conference, Seattle, WA, April 12-16.
2009. **Robinson, D.T.**, Brown, D.G., and W.S. Currie – *Evaluating the effects of land-use development policies*

on forest carbon storage: an integration of ABM, GIS, and BIOME-BGC. Presented in the 'Agent-based modelling of land use effects on ecosystem processes and services' Global land project symposium at the International Association of Landscape Ecology, Snowbird, UT, April 12-16.

Robinson, D.T., Brown D.G., and W.S. Currie – *Modelling carbon storage in highly fragmented and human-dominated landscapes: linking land-cover patterns and ecosystem models.* Association of American Geographers Annual Conference, Las Vegas, NV, March 22-27. (Session Chair)

2008. **Robinson, D.T.** and D.G. Brown - Moving towards carbon storage estimates based on integrated land-use and forest process models. Joint German-U.S. Conference "Tough Choices - Land Use under a Changing Climate", Berlin, Germany, Oct. 2-3

Robinson, D.T. and D.G. Brown – *Development of a GIS-based ABM as a platform to evaluate ecological land-use development policies.* Association of American Geographers Annual Conference, Boston, MA, April 15-19. 2nd place finish in GIS specialty group student paper competition.

Brown, D.G., **Robinson, D.T.**, Taylor, J.T., Nassauer, J.I., Page, S.E., and R.L.Riolo – *Human Agents and Landscape Ecological Function at the Urban-Rural Fringe.* U.S. Chapter of the International Association for Landscape Ecology Conference, Madison, Wisconsin, April 6-10.

2007. **Robinson, D.T.** and D.G. Brown – *Evaluation of Publicly versus Privately Directed Land-Use Policies using a GIS-Centric ABM.* Framing Land Use Dynamics II, Utrecht, Netherlands, April 18-20.

2006. **Robinson, D.T.**, Brown D.G., and W.S. Currie - *Linking Ecosystem and Land-Use Process Models: A Way Forward.* Association of American Geographers Annual Conference Chicago, IL, Mar. 7-11.

2005. **Robinson, D.T.** - *Identification and use of Land-Use Modelling Primitives 'LUMPS'.* Method2Method Workshop on Multi-Agent Modeling and Collaborative Planning, Bonn, Germany Oct. 8-9.

Robinson, D.T. - *Modeling Urban Growth Using Eulerian & Lagrangian Perspectives,* Summer Institute on Agent-based Modeling and Natural Resources. Indiana University, Center for the study of Institutions, Populations and Environmental Change (CIPEC), Bloomington, IN, June 2-4.

Robinson, D.T. et al. - *Mapping Heterogeneity Levels & Neighbourhood Similarity in an Urban ABM.* Association of American Geographers Annual Conference, Denver, CO, April 5-9.

2004. **Robinson, D.T.** - *Site Evaluation and Cultural Influence Extensions to a Residential Location Model.* SWARMFEST, University of Michigan, Ann Arbor, MI, May 9-11. (Poster)

2003. Deadman, P.J. and **D.T. Robinson** - *Linking Multi-Agent Systems and Geographic Information Systems for Land Use Land Cover Change Modelling: A Case Study from the Brazilian Amazon.* Canadian Association of Geographers Annual Meeting, Toronto, ON, May 28 – June 1.

Deadman, P.J. and **D.T. Robinson** - *Framing Land Use Dynamics: Exploring Theories of Land Use Change through Agent-based Simulation.* Presented at Framing Land Use Dynamics, Utrecht, Netherlands, April 16-18.

Robinson, D.T. and P. Deadman - *Agent Based Modeling of Household Decision Making in the Brazilian Trans-Amazon Frontier.* Assoc. of American Geographers Annual Conference, New Orleans, LA, March 5-8.

2001. **Robinson, D.T.** - *Private Campground Management Facilitated By GIS and VB.* Canadian Association of Geographers Ontario Division Meeting, Carleton University, Ottawa, ON, Oct. 26.

PUBLISHED EXTENDED ABSTRACTS

2005. **Robinson, D.T.** and D.G. Brown. Comparison of Eulerian & Lagrangian Models for Representing a Landuse Change Process. GeoComputation 2005, University of Michigan, Ann Arbor, MI, USA, August 1-3.

2004. Daniel G. Brown, Rick Riolo, **Derek T. Robinson**, William Rand, Michael North, and Kevin Johnston. Toward Integration of Spatial Data Models and Agent-Based Process Models. In Proceedings of the 3rd International Conference on GIScience, abstracts volume. Adelphi, MD, USA, October 20-23.

WORKSHOPS & INSTITUTES ATTENDED

2009. Many-Core Processors Summer School, Virtual School of Computational Science and Engineering, University of Michigan, August 10 – 14.

Santa Fe Institute Global Sustainability Summer School Program. Santa Fe, New Mexico, July 15 – 25.

“Land Use/Land Cover Change and the Carbon Cycle”, CCSP, USGS, and USDA sponsored workshop. University of Michigan, Ann Arbor, MI, June 8 – 9.

Global Land Project and U.S. NSF sponsored workshop on Agent-based land market models. The Macaulay Institute, Aberdeen, Scotland, May 29-31.

2008. “Tough Choices - Land Use under a Changing Climate”, NSF and DFG workshop, invited participant, presented a poster, and part of the organizational committee. Berlin.

2006. “Land-Use and Land-Cover Change” NIH-funded roadmap workshop, invited participant. East-West Center, Honolulu, HI.

2005. Summer Institute on Agent-based Modeling and Natural Resources. Held at Indiana University by Center for the study of Institutions, Populations and Environmental Change (CIPEC) and instructed by Marco Janssen and Francois Bousquet. Bloomington, IN, May 16 to June 4.

2004. Santa Fe Institute Complex Systems Summer School Program. Personal focus on modelling human-environment interactions through land-use and local climate change, as well as, tragedy of the commons dilemma. Santa Fe, New Mexico, June 6 – July 2.

INVITED/GUEST LECTURES

2011/03/15 “Considering humans in local-to-global change”. Department of Geography, University of Maryland, College Park, MD, USA.

2010/06/28 “Using ABM and ecosystem-process models to evaluate the effects of land-use policy on forest cover and carbon storage”, Department of Psychology, University of Birmingham, UK.

2009/02/13 “Agent-based modeling of policies and institutions in forest cover change”, Department of Computational Social Science, George Mason University, Fairfax, VA, USA.

2008/12/15 “An integrative approach to modeling land-use and land-cover change systems”, Department of Geography, George Washington University, DC, USA.

2008/12/08 “Using ABM, GIS, and an ecosystem model to represent and evaluate human-environment interactions”, Department of Geography, University of Iowa, IA, USA.

2008/12/04 “An integration of agent-based, GIS, and ecosystem modeling for land-use and land-cover change analysis”, Department of Geography, University of Illinois, IL, USA.

2008/09/23 “Multi-criteria evaluation using ArcObjects”, SNRE graduate course in GIS and Landscape Modelling, University of Michigan, MI, USA.

2008/06/16 “Agent-based modelling our way toward improved evaluations of land use policy”. School of Planning and Faculty of Environmental Studies, University of Waterloo, ON, Canada.

2007/02/16 “A Review of GIS & ABM Integration: What Lies Ahead.” Geography 506: Advanced Geo-Information Systems, McGill University, Montreal, Quebec, Canada.

2007/01/18 “Introduction to Agent-Based Modelling and GIS-ABM Integration” Ann Arbor GIS professionals monthly meeting. URL: <http://a2gis.blogspot.com/>

TEACHING EXPERIENCE

University of Waterloo, Geographical Information Systems Project (Geog/Plan 481), Fall 2012.

University of Waterloo, Spatial Analysis Using GIS (Geog/Plan 381), Spring 2012.

University of Edinburgh, Spatial Modelling of Human – Environment Interactions (P01227), W2011-01-05
60% of lectures, lab work and project marking. Course plan available upon request.

Michigan Teaching Fellow Certificate, 2007

Completion of a 5 week teaching seminar with topics including preparation for the academic job search, information about higher education, effective and reflective teaching, multicultural teaching and learning, use of instructional technology, and trips to local college campuses.

University of Michigan, Principles in GIS, Jan.- April 2005

Instruction, assistance, grading, and course-work creation for a comprehensive range of techniques and applications of GIS concepts.

Beijing – University of Waterloo, China GIS Training Project, July 2001 – August 2002

Two week intensive GIS Training in Beijing - April 2002

Twice conducted two month intensive GIS Training in Waterloo, ON.

Conducted lab training for three university level GIS courses.

Assisted instruction of GIS and Remote Sensing Theory, and created lab modules for assignment purposes.

University of Waterloo

Teaching Assistant, Sept. 2001 – Dec. 2002

Instruction, assistance, grading, and course-work creation related to advanced and introductory GIS courses: GIS Application Development, Introductory GIS Methods, and Advanced GIS Methods.

Recipient of the Lorne Russworm Excellence in Teaching award.

Workshops – I have participated in ~13 Teaching workshops, additional information is available upon request. (See *Teaching* Section of www.derekthomasrobinson.com)

RESEARCH EXPERIENCE

CARE (Climate Adaptation for Rural arEas) University of Edinburgh, School of GeoSciences, 2010 – 2014.

- Exploring the Potential for Climate Change Adaptation Strategies in Rural Areas

- Focused on farming decisions and policy responses in 3 case study regions in the Netherlands

VOLANTE (Visions Of LANd use Transitions in Europe) University of Edinburgh, School of GeoSciences, May 2010 – May 2012.

-EU FP7 Collaborative project (ENV.2010.2.1.1-2)

-Newly awarded, proposed research questions surrounding the added value and novel insights gained through the use and visualization of coupled earth system and agent-based models.

EcoChange (Challenges in assessing and forecasting biodiversity and ECOsystem CHANGES in Europe)

University of Edinburgh, School of GeoSciences, May 2010 – Dec. 2011

- Global change and Ecosystems (FP6-036866), SUSTDEV-2005-3.III.1.1

-Linking socio-economic and ecosystem indicators to the provision of ecosystem goods and services using dynamic spatial land-use and vegetation models.

PLUREL (Peri-urban Land Use RELationships – Strategies and Sustainability Assessment Tools for Urban-Rural Linkages) University of Edinburgh, School of GeoSciences, May 2010 – Dec. 2010.

- Global Change and Ecosystems (FP6-36921), SUSTDEV-2005-3.V.1.1
- Investigation of the socio-ecological impacts and feedbacks caused by urban growth in 7 case study regions in Europe.

SLUCEII (Spatial Land Use Change and Ecological Effects) University of Michigan, School of Natural Resources and Environment, Sept. 2008 – Sept. 2010

- NSF Coupled Natural-Human Systems (CNH-0813799)
- chapter coauthored (1), conference proceedings (1), conference presentations (1)
- performed conceptual and implementation advances integrating ecosystem process models, land market models, and land management behaviour with agent-based models to estimate ecosystem impacts of land-use policy in Southeastern Michigan, USA.

PHESI (Program in Human and Environmental Systems Interactions), University of Michigan, School of Natural Resources and Environment, 2007.

- NSF Human and Social Dynamics (BCS-0527318)
- In the process of coauthoring 1 publication.
- Created an agent-based model to investigate the influence of formal and informal institutional structures on household behaviour and subsequent forest resource consumption and dynamics in a common pool resource system in India.

ESRI (Environmental Systems Research Institute)/Argonne National Laboratory/University of Michigan, Aug. 2004 – Aug. 2005

- Coauthored publications (1), chapter lead (1), conference proceedings (1), conference presentations (2)
- Provided technical and design input on Agent Analyst a product to link agent-based modelling and GIS.
- Debugged prototypes and implemented sample models. Assisted in developing theoretical primitives for linking, building, and developing agent-based simulation models in a GIS.

SLUCE (Spatial Land Use Change and Ecological Effects) University of Michigan, School of Natural Resources and Environment, Sept. 2003 – Dec. 2006

- NSF Biocomplexity in the Environment Program (BCS-0119804) project
- Coauthored publications (3), conference presentations (4), (<http://www.cscs.umich.edu/sluc/>)
- Development and extension of agent-based models, computational experiments, and website maintenance.
- Modelled dynamics driving urban and rural residential settlement patterns and more generally land use/cover change, and integrated geographical information systems and agent-based models.

LUCITA (Land Use Change in The Amazon), University of Waterloo & Indiana University, 2001-2003

- NSF Biocomplexity in the Environment Program (SES00835)
- Coauthored publication (1), report publication (1), conference presentations (3)
- Created an ABM to computationally formalize a conceptual model of the effects of household demographic and structure changes on deforestation along the trans-Amazon highway in Para, Brazil.
- Compared model results to remotely sensed data on deforestation from 1970-2000.

ACADEMIC SERVICE

Organizer of “Applications of ABM to Study Land-Use Change” Special Session, Canadian Association of Geographers (CAG) conference Waterloo, ON, Canada, May 28-June 2.

Invited member of the Programme Committee for the 10th International Conference on GeoComputation, University of New South Wales, Australia, Nov. 31 – Dec. 2nd, 2009.

Assisted organization of the joint German – U.S. conference “Tough Choices – Land Use under a Changing Climate”, Berlin, Germany, Oct. 2 – 4, 2008.

Co-organiser of the Method2Method Workshop on Multi-Agent Modeling and Collaborative Planning, Bonn, Germany, Oct. 8 – 9, 2005.

Coordinator of Complex Systems Advanced Academic Workshop (CSAAW) 2005-2006, Center for the Study of Complex Systems, University of Michigan.

Elected Student Government Ph.D. Representative – 2004-2005, School of Natural Resources and Environment, University of Michigan

Reviewed for: *Applied Spatial Analysis and Policy* (1), *Biodiversity and Conservation* (1), *Computers, Environment and Urban Systems* (1), *Conservation Biology* (1), *Ecological Economics* (1), *Ecology and Society* (1), *Environment and Planning B* (1), *Environmental Modelling and Software* (1), *International Congress on Environmental Modelling and Software* (2), *International Journal of Geographical Information Science* (3), *International Journal of Environmental Research and Public Health* (1), *Landscape Ecology* (2), *Journal of Land Use Science* (3), *Population and Environment* (1), and *Progress in Human Geography* (1). (21 Total)

Reviewed grant proposals for: *Fondation pour la Recherche sur la Biodiversité* (1)

Master's Theses Marked (3 University of Edinburgh).

MEMBERSHIPS

American Association of Geographers (AAG)
International Association of Landscape Ecology (IALE)
American Geophysical Union (AGU)
American Association for the Advancement of Science (AAAS)

WORK EXPERIENCE

2000. Blue Mountains City Council, Environmental Management Branch, Katoomba, NSW, Australia.
1999. Dept. of Fisheries and Oceans, Canadian Hydrographic Division, Navigational Info., Burlington, ON.
1998. Finance Canada, Tax Policy Branch, Ottawa, ON.