

TIM HOLLAND - CURRICULUM VITAE

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CURRENT POSITION

- Aug 2016 - present **Postdoctoral Researcher** at University of California, Berkeley – Berkeley, USA
- Department of Environmental Science, Policy, and Management (Supervisor: Matthew Potts)
 - Developing valuations of ecosystem services provided by California's forests in collaboration with state government agencies
 - Contributing to International Platform on Biodiversity and Ecosystem Services (IPBES)'s thematic assessment of ecosystem service impacts of land degradation

EDUCATION

- 2016 **PhD Geography**; McGill University – Montreal, Canada
- Thesis: "*Land markets, migration, and forest conservation on an Amazonian frontier in San Martin, Peru*"
 - Supervisor: Dr. Oliver Coomes
- 2008 **MSc Environmental Change and Management**; Oxford University – Oxford, UK
- Thesis: "*Land tenure, land access, and livelihoods: Rubber expansion in Laos*"
 - Course director: Dr. John Boardman
- 2007 **MSc Geography**; McGill University – Montreal, Canada
- Thesis: "*Economic inequality and biodiversity loss: an examination at two scales*"
 - Co-supervisors: Dr. Andrew Gonzalez and Dr. Garry Peterson
- 2004 **BSc Biology (Ecology)**; University of Victoria – Victoria, Canada

PUBLICATIONS

- Holland, T.G.**, Coomes, O.T., and Robinson, B.E. Evolving frontier land markets and the opportunity cost of sparing forests in western Amazonia. 2016. *Land Use Policy* 58: 456-471
- Raudsepp-Hearne, C., Tengo, M., Benessaiah, K. Bennett, E.M., **Holland, T.**, MacDonald, G.K., Peterson, G.D., and Pfeiffer, L. 2010. Untangling the environmentalist's paradox: Why is human well-being increasing as ecosystem services degrade? *Bioscience* 60 (8): 576-589
- Holland, T.G.**, Peterson, G.D., and Gonzalez, A. 2009. A cross-national analysis of how inequality predicts biodiversity loss. *Conservation Biology*. 23 (5): 1304-1313
- Chapman, C.A., Speirs, M.L., Gillespie, T.G., **Holland, T.** and Austad, K.M. 2006. Life on the edge: Gastrointestinal parasites from the forest edge and interior primate groups. *American Journal of Primatology*, 68 (4): 397-409

SUBMITTED AND IN PREPARATION:

- Holland, T.G.** *Submitted*. Reduction of crop diversity during the Latin American coffee rust epidemic: a case study from the highland jungle of Peru
- Holland, T.G.** and Coomes, O.T. *In Prep*. A non-consolidating frontier? Lessons from coffee expansion in the western Amazon

NON-ACADEMIC PUBLICATIONS:

McNally, R., MacEwin, A., **Holland, T.** 2011. The potential for mangrove carbon projects in Viet Nam. SNV Netherlands Development Organisation. Available from www.snvworld.org

Holland, T., McNally, R. 2010. REDD and Sustainable Development: Perspective from Vietnam. IIED Working Papers. Available from pubs.iied.org/G02773.html

McNally, R., Sage, N., **Holland, T.** 2009. Understanding REDD: Implications for Lao PDR, Nepal, and Vietnam. SNV Netherlands Development Organisation. Available from www.snvworld.org

TEACHING

AS PRIMARY INSTRUCTOR (MCGILL UNIVERSITY)

2014-15 **Instructor; Geog200 Perspectives on World Environmental Problems**
Twice taught 220-student course providing survey of global-scale environmental issues
2014 average student evaluation of instructor quality (/5): 4.12 (dept. average 4.3)
2015 average student evaluation of instructor quality (/5): 4.42 (dept. average 4.3)

AS TEACHING ASSISTANT (MCGILL UNIVERSITY)

2011-13, **Seminar leader; Introduction to International Development** (INTD 200 x 4)
2015 Led discussion groups on development theory and practice (90 hours over 4 years)

2014 **Teaching assistant; Urban Sustainability and Unearthing Montreal** (ENVR 480&490)
Mentored undergraduate students on group research projects

2006&14 **Seminar leader; Knowledge, Ethics, and Environment** (ENVR 203)
Led discussion groups on environmental politics and philosophy (25 hours over 2 years)

2011-14 **Teaching assistant; Geography** (4 courses: stats, climate policy, livelihoods, NRM)
Held office hours for students and marked assignments

AS GUEST PRESENTER

2015 **Guest lecturer; Amazonian frontier development** at McGill University
Geography 410: Geography of Underdevelopment

2014 **Invited presenter; John Abbott College, Sainte-Anne-de-Bellevue, Quebec**
Social science research methods

2011-12 **Guest lecturer; REDD+ and climate change policy** (3 lectures) at McGill University
Departments of Geography (2) and International Development (1)

2007 **Guest lecturer; GIS and spatial analysis** at McGill University
Natural Resources Science department

NON-ACADEMIC

2003 **Instructor; wilderness leadership training program** at Camp Wanapitei
Designed and delivered a 30-day intensive training in wilderness leadership to 17-year-olds

CONFERENCE PRESENTATIONS AND INVITED TALKS

- 2016 Holland, T. *Migration, land acquisition, and forest clearing in Peru's upper Amazon*. American Association of Geographers Annual Meeting, San Francisco
- 2015 Holland, T.G., and Coomes, O.T. *Frontier land markets and the expansion of smallholder agriculture*. Forests & Livelihoods: Assessment, Research, and Engagement (FLARE), Paris
- 2014 Holland, T. *Changing land markets in three settlement zones of Peru's upper Amazon*. Interdisciplinary PhD Workshop on Sustainable Development, Columbia Univ., New York
- 2014 Holland, T. *Land Acquisition and Land Use on the Deforestation Frontier in Peru's Upper Amazon*. Centre for Society, Technology and Development, McGill University, Montreal
- 2014 Holland, T. *Changing land markets in three settlement zones of Peru's selva alta*. Conference of Latin Americanist Geographers (CLAG) Annual Meeting, Panama City, Panama
- 2013 Holland, T. *Changing land markets on a forest frontier: A challenge for forest conservation*. Interdisciplinary PhD Workshop on Sustainable Development, Columbia Univ., New York
- 2010 Holland, T. *The nested approach to REDD*. National Technical Sub-Working Group on Local Implementation of REDD+. Ministry of Agriculture and Rural Development, Hanoi, Vietnam
- 2010 Holland, T. *Deforestation in Vietnam*. UN-REDD Training Course on Climate Change and REDD. Hanoi, Vietnam
- 2008 Holland, T. *Land tenure and rubber expansion in Sing District, Luang Namtha Province*. IUCN Lao PDR Briefing, Vientiane, Lao PDR
- 2007 Holland, T. *Economic inequality and biodiversity loss: a cross-national survey*. Ecological Society of America (ESA) Annual Meeting, San Jose, CA

FUNDING

2015	Neil Croll Memorial Award; McGill University	\$2000
2014	Theo Hills Memorial Award; McGill University	\$2000
2011-14	Canada Graduate Scholarship - Doctoral (3 years); SSHRC	\$105,000
2012-13	Rathlyn Geography Fieldwork Award (x2); McGill University	\$4800
2012-13	Graduate Research Enhancement and Travel Award (x2); McGill	\$1000
2012	Michael Smith Foreign Study Supplement; SSHRC	\$5800
2011	Lorne Trottier Fellowship; McGill University	\$2500
2007	Applied Materials Scholarship; Linacre College, Oxford University	\$6000
2006-07	Canada Graduate Scholarship - Master's (1 year); NSERC	\$17,500
2000-04	President's and Faculty Scholarships (3 years); University of Victoria	\$4500

RELATED WORK EXPERIENCE

- 2009-11 **Advisor – Reducing Emissions from Deforestation and Degradation (REDD)** at SNV Netherlands Development Organisation (Vietnam country office), *Hanoi, Vietnam*
- Designed and initiated Cat Tien Landscape Pro-Poor REDD Project
 - Developed and managed partnerships with Norwegian and UK academic institutions
 - Co-ordinated National Sub-Working Group on the Local Implementation of REDD
- 2009-10 **Consultant – REDD** (short-term contracts) at SNV Netherlands Development Organisation (Lao PDR country office), *Vientiane, Lao PDR*
- Stakeholder interviews and gap analysis of REDD policies in Lao PDR
- 2008-09 **Forests Program Support Officer** at International Union for Conservation of Nature (IUCN) - Vietnam country office, *Hanoi, Vietnam*
- Developed recommendations for forest governance / FLEG Indicators for Vietnam
 - Designed research plan for non-timber forest product (NTFP) market development
- 2005-06 **Research Assistant – Conservation Biology** at McGill University & Makerere University Biological Field Station, *Montreal, QC* and *Kanyawara, Uganda*
- Trained and supervised undergraduate volunteers (Canada and Uganda)
 - Managed research teams of local field assistants (Uganda)

SKILLS AND LANGUAGES

Software and computer skills:

- Geographic Information Systems: ArcGIS, GRASS GIS, QGIS
- Statistics: R, SPSS, Stata, GeoDa

Languages:

- English (native speaker)
- Spanish and French (proficient)

PROFESSIONAL ACTIVITIES

Reviewer, *Global Environmental Change*

Reviewer, *Regional Environmental Change*

Co-organizer, two sessions, American Association of Geographers (AAG) Annual Meeting 2016

Chair, one session (Changing livelihoods and landscapes in the Amazon Basin), AAG 2016

Member, Conference of Latin Americanist Geographers

Member, American Association of Geographers

Member, Association for Environmental Studies and Sciences