Tanya M. Hayes

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EDUCATION

2007 **Ph.D. Public Policy, Indiana University, Bloomington,**
Dissertation: *Forest Governance in a Frontier: An Analysis of the Dynamic Interplay between Property Rights, Land-Use Norms and Agricultural Expansion in the Mosquitia Forest Corridor of Honduras and Nicaragua*
Chair: Elinor Ostrom

2002 **M.A. Urban and Regional Planning, University of California, Los Angeles**
Thesis: *Community Partners in Co-management: Creating Opportunities for Cooperation in the Río Plátano Biosphere Reserve*
Chairs: J.R DeShazo & Randall Crane

1995 **B.A. Politics, Whitman College, Walla Walla, Washington**
Honors Thesis: *The Cooperative as a Development Tool: Commercial Avenues towards Sustainable Development*
Chair: Eldon Kenworthy

PROFESSIONAL EXPERIENCE

2013-present **Associate Professor,** Seattle University, Environmental Studies & Institute for Public Service

2007-2013 **Assistant Professor,** Seattle University, Environmental Studies & Institute for Public Service

2006-2007 **Visiting Professor,** Seattle University, Environmental Studies & Institute for Public Service

2006-present **Research Associate,** Center for the Study of Institutions, Population and Environmental Change (CIPEC), Indiana University

2002-2006 **Research Assistant,** Center for the Study of Institutions, Population and Environmental Change (CIPEC), Indiana University

1998-1999 **Volunteer Coordinator,** Peace Corps, Panama

1996-1998 **Agro-Forestry Extension Agent,** Peace Corps, Panama

PUBLICATIONS

I. Peer-Reviewed Publications

2013 Murtinho, F., Eakin, H., Lopez-Carr, D. and Hayes, T.M. "Does External Funding Help Adaptation? Evidence from Community-Based Water Management in the Colombian Andes. *Environmental Management* 52(1103-1114).

2012 Hayes, T.M. Payment for Ecosystem Services, Sustained Behavioral Change, and Adaptive Management: Peasant Perspectives in the Colombian Andes. *Environmental Conservation* 39(2), 144-153.

2012 Murtinho, F, & Hayes, T.M. Adaptation in Resource-Dependent Communities: A Call for Greater Methodological Clarity in Adaptation Field Research. *Society & Natural Resources Journal* 25: 513-522.

2010 Hayes, T.M. and Persha, L. "Nesting Local Forestry Initiatives: Revisiting community forest management in a REDD+ world." *Forest Policy and Economics* 12: 545-553.

2010 Dressler, W., Büscher, B., Schoon, M., Brockington, D. Hayes, T. Kull, C., McCarthy, J. and Streshta, K. From hope to crisis and back again? A critical history of the global CBNRM narrative. *Environmental Conservation, 37*(01), 5-15.

2009 Hayes, T. M. "A Challenge for Environmental Governance: Institutional Change in a Traditional Common-Property Forest System." *Policy Sciences* 43(1) 27-48.

2008 Hayes, T.M., and Murtinho, F. "Are Indigenous Forest Reserves Sustainable? An analysis of present and future land-use trends in Bosawas, Nicaragua" *Journal of Sustainable Development and World Ecology* 15(6): 497-511.

2008 Hayes, T.M. "The Robustness of Indigenous Common-Property Systems to Frontier Expansion: Institutional Interplay in the Mosquitia" *Conservation and Society* (6)2: 117-129.

2007 Hayes, T. M. "Controlling Agricultural Expansion in the Mosquitia: Does Tenure Matter?" *Human Ecology* (35)6.

2006 Hayes, T.M. "Parks, People, and Forest Protection: An Institutional Assessment of the Effectiveness of Protected Areas" *World Development* (34)12: 2064-2075.

2005 Hayes, T.M. and Ostrom, E. "Conserving the World's Forests: Are Protected Areas The Only Way?" *Indiana Law Review* (38)3: 595-617.

II. Book Chapters

2011 Hayes, T.M "Direct Rent Capture in Context of Weak Institutions" In Environment, Climate Change and Land Policies. Lincoln Institute: Cambridge, MA.

III. Papers in Progress

Hayes, T.M., Murtinho, F. McHugh, S., Salmeron, D. "Assessing the Socio-Economic & Environmental Impacts of Carbon Storage Plantations in the Ecuadorian Andes" Paper in preparation to be submitted to *Environmental Management*.

Hayes, T.M. "Forest Management in Latin America: Looking for Institutional Fit." Paper in preparation to be submitted to *World Development*.

IV. Selected Consulting Reports & Publications for Communities

2010 "Características Principales de los Participantes del Programa Silvopastoril FN-CIPAV" Technical report prepared for Fundación Natura, Bogotá, Colombia August 2010.

2006 "Análisis de la Expansión Agrícola en Miskitu Indian Tasbaika Kum, Bosawas, Nicaragua" Technical report prepared for Miskitu association ADEPCIMISUJIN and Centro Humboldt, Managua, Nicaragua, March 2006.

2006 "Resumen Comunitario de Banaka: La Expansión Agrícola en el Río Plátano" Technical report prepared for community of Banaka and MOPAWI, Raista, Honduras, February 2006.

2005 "Análisis de los Vínculos entre los Derechos de Propiedad y la Conservación: Lecciones de la Biosfera Río Plátano, Honduras y la Biosfera BOSAWAS, Nicaragua" Technical report prepared for The Nature Conservancy, Tegucigalpa, Honduras, November 2005.

PROFESSIONAL PRESENTATIONS

I. Invited Academic Conference Presentations

2012 Hayes, T. M. "Local Forest Governance: Constructing Conservation Incentives that Fit the Context." Paper presented to Gordon and Betty Moore Foundation collaborative workshop, Governance and conservation: Toward more robust indicators, Palo Alto, April 24-26.

2010 Hayes, T. M. "Manejo de Bosques en America Latina: Looking for Institutional Fit" Conference on the Commons. Universidad Javeriana, Facultad de Estudios Ambientales y Rurales. Bogota, Colombia, July 28-29.

2010 Hayes, T.M "Direct Rent Capture in Context of Weak Institutions" Invited comments on John Dixon's paper "Capturing Economic Rents to pay for Conservation of Sensitive Sites".

Comments presented at Lincoln Land Institute 5th Annual Land Policy Conference, The Environment, Climate Change and Land Policies. Cambridge, MA, May 23-25.

2008 Hayes, T.M "Lessons from the Field: Analyzing the Impact of Property Rights on Forest Management in Mosquitia Forest Corridor". Paper presented at Seattle University Globalization and Justice: Interdisciplinary Dialogues, February 21-22, 2008.

II. Paper Presentations at Academic Conferences

2013 Hayes, T.M. "Behavior beyond Economics: Payment for Ecosystem Services in the context of rural decision-making and sustainable forest management in South America." Paper presented at the American Association for Geographers (AAG), Los Angeles, CA, April 9-13**.**

2010 Hayes, T.M "Are Contingent Contracts a Viable Policy Tool for Forest Management in Agro-ecological Landscapes? Lessons from the East Andes, Colombia." Paper presented at International Association for the Study of the Commons (IASC) North American conference, Tempe, Arizona, September 30-October 3.

2009 Hayes, T.M. "Forest Management in Latin America: Looking for Institutional Fit." Paper presented at the Conference on Human Dimensions of Global Environmental Change, Amsterdam, The Netherlands, December 2-4, 2009. Paper available at http://www.earthsystemgovernance.org/ac2009/papers/AC2009-0387.pdf

2009 Hayes, T.M. and Persha, L. "Policy Insights for Community Forestry: Lessons from a comparative analysis of forest management in Honduras, Nicaragua & Tanzania." Paper presented at Workshop on the Workshop, Bloomington, Indiana June 4-10, 2009. Paper available at http://www.indiana.edu/~wow4/papers/hayes_persha_wow4.pdf

2008 Hayes, T. M. "Analyzing Institutional Change in Traditional Common Property Forest Governance Systems." Paper presented at the biannual Conference of the International Association of the Commons, Cheltenham, England, July 14-19, 2008. Paper available at http://dlc.dlib.indiana.edu/dlc/handle/10535/2924

2008 Murtinho, F. and Hayes, T.M. "Insights from the Field for Measuring and Analyzing Adaptation Processes in Common-Pool Resource Management" 25 pages. London: Conference of the International Association of the Commons, July 14-19, 2008. Paper available at http://dlc.dlib.indiana.edu/dlc/handle/10535/461

2007 Hayes, T. M. "How can Environmental Policy Shape Indigenous Responses to Democratic and Market Change: An analysis of the ability to control agricultural expansion in the Mosquitia Forests of Honduras and Nicaragua". Paper presented at the annual convention of the International Studies Association, Chicago, February 28-March 3, 2007.

2006 Hayes, T. M. "Controlling Agricultural Expansion in the Mosquitia: Does Tenure Matter?" Paper presented at the annual conference of the Latin American Studies Association, San Juan, Puerto Rico, March 15-18, 2006.

2005 Hayes, T. M. "Conserving the World's Forests: Are Protected Areas the Only Way?" Paper presented at the annual conference of the American Anthropological Association, Washington, D.C., November 30-December 4, 2005.

RESEARCH GRANTS AND AWARDS

2012 **National Science Foundation (DRMS):** "Influence of Economic Incentives on Common-Property Forest Management: Rural Decision Making in the Context of REDD+" (PI) $450,000

2011 **Summer Faculty Fellowship, College of Arts & Sciences, Seattle University:** "Assessment of the Social and Ecological Impacts of Payments for Forest Conservation in Peasant Communities, Ecuadorian Andes" (PI) $7,000

2011 **Global Engagement Fellowship, Seattle University**: "Student Service-Learning Research Opportunity: Payments for Forest Conservation in Peasant Communities in the Ecuadorian Andes" (PI) $9,500

2010 **Provost's Summer Faculty Fellowship, Seattle University:** "Assessment of Incentives for Sustainable Farming in the Colombian Andes" (PI) $5,000.

2009 **Endowed Mission Fund Fellowship, Seattle University:** $3,000

2005 **National Science Foundation** (DMRS), Doctoral Dissertation Research Improvement Grant. $11,000.

2005 **IIE Fulbright Fellowship**

COURSES TAUGHT

Environmental Studies

- International Environmental Politics (undergraduates)
- Sustainable Development in the Tropics --Conservation and Development (undergraduates)
- Introduction to Environmental Studies (undergraduates)

Public Policy

- Policy Formation & Implementation (undergraduate & graduate level)
- Policy Analysis (undergraduates)

Methods

- Policy and Program Research: research design and intro to statistics (undergraduate & graduate level)
- Senior Synthesis (undergraduate)

SERVICE

I. Service to University & College of Arts & Sciences

Service to Undergraduate Scholarship & Fellowships

2012	Presentation on undergraduate scholarship for College of Arts & Sciences donor breakfast
2011-2012	Mentor of National Council of Undergraduate Research (NCUR) project
2011	Undergraduate research in Ecuador (mentored 2 students)
2010-present	Faculty Representative, Udall Fellowship

Service to Student Organizations

2012	Guest Speaker, Just Serve retreat for Garfield High school Students, April 14, 2012
2011	Guest Speaker, Oxfam Hunger Banquet, March 7, 2011
2009	Workshop Instructor, "Building Collaborative Partnerships in Conservation". As part of student-organized inter-collegiate conference, *Collaborating for Sustainability: Empowering Students for New Generation*, March 2009.
2008-present	Faculty Advisor, Friends of Nicaragua student group
2008	Guest speaker, *Green/Pink Summit on Reproductive Justice and Environmental Sustainability*

Additional Service Activities

2011 & 2012	Book discussant for New Student Convocation
2010-2011	Participant in Justice Seminar on Duwamish River
2010	Exploration of collaboration possibilities with faculty at University of Javeriana, Bogota in support of Seattle University Twinning Agreement between the Jesuits of the Provinces of Oregon and Colombia
2010	Western Conversations Seminar on Sustainability, Santa Clara, CA, Oct 22-24, 2010.
2007-2009	University Environmental Advisory Committee member

II. Service to Institute for Public Service & Environmental Studies Program

2011-2012	Public Affairs curriculum revisions
2010-2011	Public Affairs assessment planning
2010-2011	Search Committee for Director of IPS

2010	Teagle workshop participant, Environmental Studies
2009-2011	By-laws Committee for IPS
2009-2010	Search Committee for Visiting Prof in Public Administration
2007-present	Environmental Studies Advisor (20-25 students)
2007-2010	EVST faculty representative at Fall Preview Days and Academic Opportunity Fairs

III. Service to External Communities

2010 Program evaluation of Payment for Ecosystem Services program to NGO Fundación Natura

2009 Report to Colombian Regional Environmental Authority (CAR) on forest use in Robledal Forest Reserve

2006 Program evaluation of protected area management plan for Honduran Ministry of Forestry and The Nature Conservancy

2006 Provision of land-cover change maps of indigenous territories in Rio Plátano and Bosawas to indigenous communities in Mosquitia Coast, Honduras and Nicaragua

IV. Service to Academic Field

External Reviewer
Proposals:
National Science Foundation

Undergraduate Research
NCUR proceedings reviewer

Peer-Reviewed Journals:

Conservation and Society	International Journal of the Commons
Environmental Conservation	Journal of Environmental Planning & Management
Environmental Science and Policy	Landscape and Urban Planning
Forest Policy and Economics	Policy Sciences
Forest Research	Policy Studies Journal
Forests	Society and Natural Resources
Geoforum	United Nations Natural Resource Forum
Human Ecology	Journal of Latin American Geography