

Lore M. Ruttan
Department of Environmental Studies
Emory University

Professional Preparation

University of Chicago	Biology	A.B. 1984
University of Minnesota	Ecology	M.S. 1988
University of California, Davis	Human Ecology	Ph.D. 1999

Dissertation Title: Cooperation and Conservation of Common Pool Resources
Supervisors: Peter Richerson and James Wilen

Appointments

09/01 -	Assistant Professor, Department of Environmental Studies, Emory University
09/03 -	Adjunct Assistant Professor, Department of Anthropology, Emory University
06/00 - 08/01	Visiting Scholar, Workshop in Political Theory & Policy Analysis, Indiana University
1999 - 2000	Pew Postdoctoral Fellow, Fisheries Centre, University of British Columbia
1990 - 1999	Teaching Assistant, University of California Davis
1990 - 1992	Research Assistant, University of California Davis
1989, 1990	Junior Researcher, University of Minnesota.
1989, 1993	Consultant, International Institute for Environment & Development
1986 - 1988	Teaching Assistant, University of Minnesota

Fellowships and Honors

2000/01	Toqueville Fellow, Workshop on Political Theory and Policy Analysis, Indiana University
1998/99	University of California Fellowship
1997/98	MacArthur Fellowship, Institute on Global Conflict & Cooperation, University of California
1996/97	Flora Hewlett Fellowship, Institute on Global Conflict & Cooperation, University of California
1996/97	Professors for the Future, University of California at Davis
1995/96	University of California Fellowship
1993/94	University of California Fellowship
1990/91	Tuition Fellowship, Center for Population Biology, U. of California at Davis

Publications

(i) Journal Articles

- Ruttan, L.M. 2006. Sociocultural Heterogeneity and the Commons. *Current Anthropology*.
- Ruttan, L. M. 2003. Finding fish: grouping and catch per unit effort in the Pacific Hake (*Merluccius productus*) fishery. *Canadian Journal of Fisheries and Aquatic Sciences* 60:1068-1077.
- Ruttan, L. M. and M. Borgerhoff Mulder. 1999. Are East African pastoralists truly conservationists? *Current Anthropology* 40(5):621-652.

- Ruttan, L. M. 1998. Closing the commons: cooperation for gain or restraint? *Human Ecology* 26:43-66.
- Ruttan, L. M. 1991. Effects of maternal presence on growth and survival of subsocial spiderlings (Araneae: Theridiidae). *Journal of Insect Behavior* 4(2): 251-256.
- Ruttan, L. M. 1990. Experimental manipulations of dispersal in the subsocial spider, *Theridion pictum*. *Behavioural Ecology and Sociobiology* 27(3):169-173.
- Guminski Sorenson L., Woodworth B., Ruttan L. M., and F. McKinney. 1993. Serial monogamy and double brooding in the White-cheeked Pintail *Anas bahamensis bahamensis*. *Wildfowl* 43:156-159.
- Packer C. and L. Ruttan 1988. The evolution of cooperative hunting. *American Naturalist* 132:159-192.

(ii) Journal Articles In Review

- Ruttan, L. M. Economic Heterogeneity and the Commons: Effects on Collective Action and Collective Goods Provisioning. (*World Development*, under revision).
- Ruttan, L. M. and P. Tyedmers. Evidence for a Skipper Effect in the Gulf Menhaden Fishery. (*Fisheries Research*, accepted subject to revision).
- Ruttan, L.M., Franzen, M., Bettinger, R. and P. J. Richerson. Analysis of a Sample of Ethnic Boundaries (*Journal of Conflict Resolution*, to be submitted 9/05).
- Ahn, T. K., Lee, M., Ruttan, L. M. and J. Walker. 2004. Cooperation in Prisoners Dilemma Games: Experimental Evidence with Asymmetric Payoffs. (*Public Choice*, submitted 8/05).

(iii) Chapters

- Borgerhoff Mulder, M. and L. M. Ruttan. 2000. Grassland conservation and the pastoralist commons. Pages 34-50 in *Conservation and Behaviour*, Gosling, L.M., Sutherland, W. J. and M. Avery (eds.), Cambridge: Cambridge U. Press.
- Ruttan, L. M., Gayanilo Jr., F. C., and Sumaila, U. R.. 2000. Small Versus Large-scale Fisheries: A Multi-species, Multi-fleet Model For Evaluating Their Interactions And Potential Benefits. In *Methods for Evaluating the Impacts of Fisheries on North Atlantic Ecosystems*, Pauly, D. and Pitcher T.J. (eds.), *Fisheries Centre Research Reports* 8(2):64-78. (Peer reviewed)

(iv) Reviews and Commentaries

- Ruttan, L.M. 2003. How Individuals and Institutions Matter. Review of *Individuals, Institutions, and Markets* by C. Mantzavinos, Cambridge University Press. *Current Anthropology* 44(2):311-312.
- Ruttan, L. M. 2002. Comment (on Rousseau's Whale Hunt by M. Alvard and D. Nolan). *Current Anthropology* 43(4):552.
- Ruttan, L. M. 2000. CPR Forum: Games and the CPR toolkit. *CPR Digest* 55:1-3.
- Ruttan, L. M. 2000. Review of *Fishing Places, Fishing People: Traditions and Issues in Canadian Small-scale Fisheries* edited by D. Newell and R. E. Ommer, University of Toronto Press. *Fish and Fisheries* 1(1):109

(v) Manuscripts

- Ruttan, L. M. Overcoming Differences: How Heterogeneous Groups Manage the Commons, (to be submitted to *Human Organization*).
- Ruttan, L.M. Credit Cards: A Missing Link in the Decline of Social Capital.

Research and Travel Grants

US \$

2004	Conference Travel Grant, International Travel Fund, Emory	972
2002	Student Research Assistance Grant, Resilience Alliance (with Lowell Pritchard)	10 000
1999	Conference Travel Grant, Graduate Student Association, UC Davis	250
1996/97	Flora Hewlett Fellowship Research Grant	3 500
1995/96	Jastro Shields Research Grant, UC Davis	900
1992, 91	Research Grants, Center for Population Biology, UC Davis	2 200
1986-88	Research Grants, Wilke Fund for Behavior, U. of MN Bell Museum	
1987, 86	Research Stipends, Lake Itasca Biological Station, U. of MN	

Teaching Grants

2004	Revision of ENVS Core Sequence, Faculty Science Council, Emory University (with Lowell Pritchard)	6 000
2002	Environment, Health and Development: Exploring Frontiers Across the University, University Teaching Committee, Emory University (with Lowell Pritchard and Richard Rheingans)	9 700
2002	Course Development Award, Howard Hughes Science Initiative	3 000
2002	CTC Teaching Initiative Fund: “Incorporating Experiential Learning into Social Science Classes of the Environmental Studies Department” (with Tracy Yandle).	695

Professional Presentations

(i) Conferences

- Sociocultural Heterogeneity and the Commons. [Invited Panel] Revisiting the Commons. Panel Organizer: James Acheson. *Society for Applied Anthropology*, Santa Fe, April 2005
- Economic Heterogeneity and the Commons. [Invited Panel] Revisiting the Commons. Panel Organizer: James Acheson. *American Anthropological Association*, Atlanta, December 2004
- Heterogeneity on the Commons: Is Diversity an Asset or a Hindrance to Success? Workshop: Anthropological Perspectives on Ecology and Health. Stanford University, November 2004
- The Effect of Heterogeneity on Institutional Success and Conservation Outcomes, [Invited Panel] Coping with Heterogeneity: Tensions and Complementarities in Common Pool Resource Management, Panel Organizer: Lore Ruttan, *International Association for the Study of Common Property*, Oaxaca Mexico, August 2004
- Discussant for Equity in Resource Allocation in Community-Based Natural Resource Management, Panel Organizer: Amy Poteete, *International Association for the Study of Common Property*, Oaxaca Mexico, August 2004
- Pre-Conference Workshop (with Amy Poteete), New Concepts and Theoretical Frontiers, *International Association for the Study of Common Property*, Oaxaca Mexico, August 2004.
- Community Resource Management: Do Economic and Cultural Differences Matter? [Invited Session] Common Property and Community Dynamics. Session Organizer: E. Jones, *Society for Applied Anthropology*, Atlanta GA, March 2002

- Discussant, *Workshop in Political Theory and Policy Analysis Spring Mini-Conference*, Organizer: Michael J. McGinnis, University of Indiana, May 2001
- Discussant, *Workshop in Political Theory and Policy Analysis Fall Mini-Conference*, Organizer: John Williams, University of Indiana, December 2000
- Information Sharing Among Commercial Fishers, [Invited Session] Symposium: Evolutionary Approaches to Cooperative Hunting, Session Organizer: Michael Alvard, *American Anthropological Association*, San Francisco CA, November 2000
- Conservation and Wealth Asymmetries Among East African Pastoralists, *International Association for the Study of Common Property*, University of Indiana, May 2000
- Wealth Asymmetries and Conservation of Grazing Lands, *American Anthropological Association*, Chicago IL, November 1999
- Are East African Pastoralists Truly Conservationists?, [Invited Session] Symposium: Darwinian Approaches to Environmental Problems, Session Organizer: Dustin Penn, *Human Behavior and Evolution Society*, University of Utah, 1999
- Wealth Asymmetry and Conservation of Grazing Lands, [Poster] *Foraging '98 Meetings*, University of California Santa Cruz, 1998
- Cooperation and Information Sharing Among U.S. Fishermen, *Human Behavior and Evolution Society*, University of California Davis, 1998
- A Conservationist's Toolkit, (with M. Borgerhoff Mulder) *Human Behavior and Evolution Society*, University of Arizona Tucson, 1997
- Experimental Manipulations of Dispersal Behavior of a Subsocial Spider, [Poster] *Second International Conference on Behavioral Ecology*, Vancouver Canada, 1988

(ii) Seminars

- Solving the Tragedy of the Commons: the Roles of Economic and Cultural Diversity in an Indonesian Fishery, Green Lunch Group, Emory University, February 18, 2002
- Conservation and Conflicts of Interest in Traditional Societies [Invited Talk], School of Natural Resources and the Environment, University of Michigan, December 7, 2001
- Wealth Asymmetries and Community Resource Management: Cases from Indonesia and Tanzania [Invited Talk], Department of Environmental and Ecological Anthropology, University of Georgia, October 12, 2001
- User Heterogeneity and the Management of Common Pool Resources, Workshop in Political Theory and Policy Analysis Colloquium, Indiana University, October 2000
- Understanding the Ecological Context of Cooperation and Conservation: Lessons from Fisheries [Invited Talk], IGCC MacArthur Fellows Conference on *The Environment in Context: Democracy, Capitalism and Culture*, University of California Irvine, 1998
- Yellow Lines, Dead Armadillos and Community Based Conservation: A Reply to the Radical Right, Conservation Biology Colloquium, University of California Davis, 1998
- Choosing to Cooperate: Lessons From Fisheries, IGCC Hewlett Fellows Conference on *Regional Relations and International Environmental Policy*, University of California Berkeley, 1997

Cooperative Foraging Among Virtual Fishermen, Simian Seminar, University of California Davis, 1997
 Traditional Management of Common Property Marine Resources in Eastern Indonesia, Environmental Policy Colloquium, University of California Davis, 1995
 The Evolution of Cooperation and Traditional Resource Management in Kei Besar, Indonesia, Human Ecology Seminar, University of California Davis, 1994

(iii) Workshops

Interdisciplinary Applications of Resilience Theory. Funded by NSF Human and Social Dynamics competition. Organizer: , January 8-9, 2006
Resilience Alliance Workshop on Institutions and Power. Organizers: Fikret Berkes and Lowell Pritchard, Chiang Mai Thailand, February 2002
Workshop on Inequality, Cooperation and Environmental Sustainability, Organizers: Jean-Marie Baland and Samuel Bowles, Santa Fe Institute, September 2001
MacArthur Workshop on Norms and Preferences. Organizers: Samuel Bowles and Herb Gintis, Stanford, 1997.

Courses Taught at Emory

ENVS 132	Integrative Methods in Environmental Studies with Laboratory
ENVS 215	Human Ecology
ENVS 385	Environment, Health and Development (same as Rollins School of Public Health graduate course, IH590R)
ENVS 385	People and Conservation
ENVS 390	Seminar on Environmental Issues
ENVS 458	Fishers and Fisheries

Undergraduate Supervision

(i) Honors Thesis Supervisor

R. Geoff Lacher, ‘The American Whalers of the 19th C.: Optimal Foragers, Conservationists, or Both?’, Environmental Studies 2004-05, Highest Honors

(ii) Honors Thesis Committee Member

2005-06

Jessica Lewis, ‘Brownfields Development in Atlanta’, Environmental Studies

2004-05

Alexis Morris, ‘Understanding Population Trends of North Atlantic Cod (*Gadus morhua*) Through Ecological Modeling of Life History Traits’, Environmental Studies, High Honors

Amanda Sheres, ‘Social Organization of Mantled Howler Monkey’, Anthropology, High Honors

(iii) Directed Readings

Amanda Sheres, Conservation and Development, Fall 2004

Lisa Giamoni, Fish Behavioral Ecology, Fall 2003

(iv) Supervised Research

Joseph Freedman, Heterogeneity and Limited Entry in Communally Managed Fisheries, Fall 2004

Koshlan Mayer-Blackwell, Heterogeneity, Power and Corruption in Natural Resource Management, Summer 2002

Graduate Supervision

(i) Supervised Research

Kevin O’Brian, Heterogeneity, Power and Corruption in Natural Resource Management,
Spring/Summer 2004

Emory Departmental Service

2005-06 Environmental Studies CIPA/Study Abroad Advisor
2003 - Departmental Liaison, Emory College Honor Council
2001 - Co-Chair, Committee to Develop a Departmental Graduate Program

Emory College Service

2005-06 ICIS Executive Committee
2005 Nominated for College Admissions and Scholarship Committee
2004-05 Organizing Committee for Joint Seminar on Africa and the Environment
2004 Nominated for College Admissions and Scholarship Committee

University of California Davis Service

1997 - 1999 UC Davis Student Committee on Improving Mentoring in Ecology
1994 - 1999 UC Davis Workgroup on Gender Equity in the Classroom. Facilitated workshops on improving women’s educational experience
1995 Workshop Facilitator for 17th Annual ‘Expanding Your Horizons in Science and Mathematics’ Conference for Girls, Consumnes River College CA
1995 - 1997 Human Ecology Program Admissions Committee, UC Davis
1994/95 Human Ecology Program Representative to the Ecology Graduate Student Association, UC Davis

Professional Affiliation and Service

January 2006 Conference Abstract Reviewer for *International Association for the Study of Common Property*, to be held Bali, Indonesia, June 2006
August 2004 Panel Organizer, Coping with Heterogeneity: Tensions and Complementarities in Common Pool Resource Management, *International Association for the Study of Common Property*, Oaxaca Mexico, August 2004
June 2004 Review Panel, NSF Human and Social Dynamics Competition
July 1998 Organizing Committee, *10th Annual Meetings of the Human Behavior and Evolution Society*, UC Davis
July 1998 Session Chair, “Cooperation and Game Theory”, *10th Annual Meetings of the Human Behavior and Evolution Society*, UC Davis
Editorial: Subject editor for *Conservation Ecology*, 2002 – 2003
Subject editor for *Ecology and Society*, 2004 -
Reviewer: *Biological Conservation*, *Conservation Ecology*, *Current Anthropology*, *Ecosystems*, *Environmental Conservation*, *Evolution and Human Behavior*, *National Research Council*, *World Development*
Member: American Association of Anthropology (Anthropology & Environment Section, Evolution Section), Int’l. Association for the Study of Common Property, Soc. for Anthropological Sciences, Soc. for Applied Anthropology

