

## **Lisa Naughton**

Associate Professor  
Department of Geography

Chair, Program for Graduate Studies in  
Conservation Biology and Sustainable Development  
Nelson Institute for Environmental Studies

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### **Education**

1996-7 Princeton University (Postdoctoral fellow, Wilson School of Public and International Affairs)  
1996 University of Florida, Gainesville, Ph.D. (Wildlife Ecology)  
1987 University of Wisconsin, Madison, M.Sc. (Human Geography)  
1985 University of Wisconsin, Madison, B.Sc. (Human Geography and Zoology)

### **Languages**

Spanish: speaking, reading and writing – very good  
Swahili: speaking and reading – good  
Portuguese: speaking and reading – fair

### **Professional Experience**

2006- Chair, Program in Conservation Biology and Sustainable Development, NIES, UW Madison  
2002- Associate Professor, Department of Geography, UW Madison.  
2001- Senior Research Fellow, Center for Applied Biodiversity Science, CI, Washington, D.C.  
2001-2002 Research Fellow, Princeton Environmental Institute, Princeton University.  
1997-2002 Assistant professor, Department of Geography, UW- Madison.  
1996 Lecturer and postdoctoral Fellow. Woodrow Wilson School, Princeton University.  
1992 Teaching assistant. Department of Wildlife Ecology, University of Florida-Gainesville.  
1988-1990 Field grants director for Ecuador and Peru, Wildlife Conservation Society.  
1988 Lecturer, Agroecology field course, Organization for Tropical Studies, Costa Rica.

### **Consultant work**

2003-2004 Advised MacArthur Foundation on funding community-based conservation initiatives.  
2001 Advised IUCN Elephant Specialty Group on strategies to mitigate human-elephant conflict.  
1995 Assessed protected area management strategies in Belize and Ecuador (The Nature Conservancy).  
1991-1992 Supervised community-based wildlife management in Ecuador (Wildlife Cons. Society and CARE).  
1988-1989 Analyzed national forest policy reform in Ecuador, Dominican Republic, Colombia and Costa Rica (World Resources Institute).

## Research grants

- 2006 Vilas Associate Award, University of Wisconsin, Graduate School. \$63,000. *Redesigning nature reserves: Environmental conflicts and land use zoning around tropical rainforest parks.*
- 2005 Center for Applied Biodiversity Science, Conservation International, Washington, D.C. \$12,800. *Human welfare and forest conservation around Kibale National Park, Uganda.*
- 2005 Fulbright-Hays Faculty Research Fellowship, \$47,000. *Reforming Environmental Governance: The Ecuadorian Experience with Rainforest Parks.*
- 2005 Fulbright-IIIE Research and Teaching Grant, \$78,000. Hosts: Conservation Biology Program and Geography Department, Makerere University, Kampala, Uganda.
- 2005 Global Studies Program, UW Madison, \$5,000. *Transfrontier protected area management in Uganda, DRoC and Rwanda.*
- 2002-5 Center for Applied Biodiversity Science, Conservation International, Washington, D.C. \$132,000, *Land use and zoning in 16 Parks in Peru and Ecuador.* (co-PI with A. Bruner and K. Brandon)
- 2000-5 Wildlife Conservation Society, \$65,000. *Living with wolves in the L. Superior Region.* {with A. Treves}.
- 2004 AAAS-Women's International Scientific Collaboration \$7,500. *Fencing and land use change around protected forests in Kenya.* {with P. Kahumbu}.
- 2002 National Fish and Wildlife Foundation. \$26,000. *Paying for Tolerance? Compensation programs and other incentives for conserving endangered carnivores on private land.* {with A. Treves}.
- 2002 Environmental Defense. \$15,000. *Paying for Tolerance? Compensation programs and other incentives for conserving endangered carnivores on private land.* {with A. Treves}.
- 2001 Anne White Memorial Fund, American Association of Geographers. \$4,000. {with A. Treves}.
- 2000 University of Wisconsin System Applied Research Grant, \$24,000, *Predicting and Mitigating Wolf Depredation on Livestock in the Western Great Lakes States.* {with A. Treves and D. Mladenoff}.
- 1999 Wildlife Conservation Society, \$24,000, *Wildlife management in agroecosystems, Tambopata, Peru*
- 1999 Conservation International - Peru, \$30,500, *Wildlife management in agroecosystems, Tambopata, Peru*
- 1998 NSF Grant #98-10144, \$50,000, *Forest access, decentralization and environmental change in Uganda*
- 1997 UW-Madison, Graduate School, \$14,913, *Forest access and environmental change in western Uganda*
- 1995 Fulbright-Hays Award for Doctoral Research, \$34,000, *Human-wildlife conflict in Uganda*
- 1994 USAID Field Research Grant, \$16,000, *Uneasy neighbors: Farmers and Wildlife at Kibale, Uganda*
- 1989 USAID Research Grant, *Sustainable Use of Biological Resources*, Ecuador. One of 3 lead authors of proposal, and member of project management team. WCS, CARE and TNC. \$1,500,000
- 1988 USAID Biodiversity Support Program, *Field Research in Ecuadorean Cloud Forests*, \$75,000

## **Fellowships and Awards**

Vilas Faculty Associate Grant, UW Madison 2006

Chancellor's Distinguished Teaching Award, UW Madison, 2005

Fulbright-Hay Faculty Research Fellowship, Ecuador 2005

Fulbright IIE Senior Scholar, Uganda, 2005

Innovative Teaching Grant, UW Institute of Environmental Studies, 2004

Research Fellow, Princeton Environmental Institute, Princeton University, 2001-2002

Environmental Leadership Program Fellow, 2000-2001 (declined)

Lilly Teaching Fellowship, UW-Madison, 1999-2000

MacArthur Postdoctoral Fellowship in Environment and Security, Princeton University, 1996-97

American Association of University Women Fellowship, 1995

Fulbright-Hays Fellowship Award for Doctoral Research, 1994

Tropical Conservation and Development Fellowship, UF-Gainesville, 1991-92

Foreign Language Area Studies Fellowship, Portuguese, UF-Gainesville, 1990

Foreign Language Area Studies Fellowship, Swahili, UW-Madison, 1987-88

Whitbeck Fellowship for Graduate Studies in Geography, UW-Madison, 1986

## **Publications**

**Naughton-Treves, L.**, Alvarez, N., Brandon, K., Bruner, A., Holland, M., Ponce, C., Saenz, M., Suarez, L. and A. Treves. *Accepted pending revision*. "Expanding protected areas and incorporating human resource use: A study of 15 forest parks in Ecuador and Peru" *Sustainability: Science, Practice, & Policy*.

Treves, A., Wallace, R., **Naughton-Treves, L.** and A. Morales. *In press*. "Co-managing human-wildlife conflicts: A review." Human Dimensions of Wildlife.

**Naughton-Treves, L.**, Chapman, C. and D. Kammen. *In press*. "Burning Biodiversity: Commercial and subsistence use of woody biomass in western Uganda", Biological Conservation.

**Naughton-Treves, L.**, Buck, M. and K. Brandon. 2005. "The Role of Protected Areas in Conserving Biodiversity and Sustaining Local Livelihoods" Annual Review of Environment and Resources. 30:219-252.

Chiyo, P.I., Cochrane, E.P., **Naughton-Treves, L.** and G.I. Basuta. 2005. "Temporal patterns in crop raiding by elephants. A response to changes in forage quality of crop availability?" African Journal of Ecology. 43:48-55.

## **Publications (cont.)**

**Naughton-Treves, L.**, and A. Treves. 2005. "Socio-ecological factors shaping local attitudes to wildlife in rural Africa", pp. 253-277 in Woodroffe, R. et al. (eds) People and Wildlife: Conflict and Coexistence. Cambridge University Press.

Treves, A. and **L. Naughton-Treves**. 2005. "Evaluating Lethal Control in the Management of Human-Wildlife Conflict", pp. 86-106 in Woodroffe, R. et al. (eds) People and Wildlife: Conflict and Coexistence. Cambridge University Press.

Bruner, A. and **L. Naughton-Treves**. 2004. Manejo de Ocho Areas Protegidas del Ecuador: Uso de la tierra, zonificación y costos de manejo. Report to the Government of Ecuador. Center for Applied Biodiversity Science, Cons. International, Washington, D.C. [www.conservation.org/xp/CIWEB/programs/research/](http://www.conservation.org/xp/CIWEB/programs/research/)

Bruner, A. and **L. Naughton-Treves**. 2004. Manejo de Ocho Areas Protegidas de Peru: Uso de la tierra, zonificación y costos de manejo. Report to the Government of Peru. Center for Applied Biodiversity Science, Cons. International, Washington, D.C. [www.conservation.org/xp/CIWEB/programs/research/](http://www.conservation.org/xp/CIWEB/programs/research/)

**Naughton-Treves, L.** and N. Salafsky. 2004. "Wildlife conservation in agroforestry buffer zones: Opportunity and conflict." pp. 319-345 in G. Schroth, et. al, editors, Agroforestry and Biodiversity Conservation in Tropical Landscapes. Island Press.

**Naughton-Treves, L.** 2004. "Deforestation and carbon emissions at tropical frontiers: A case study from the Peruvian Amazon" World Development. 32:173-190.

Chapman, C., Chapman, L.J., **Naughton-Treves, L.**, Lawes, M.J., and L.R. McDowell. 2004. Predicting folivorous primate abundance: Validation of a nutrition model. American Journal of Primatology. 62:55-69

Treves, A., **Naughton-Treves, L.**, Harper, E., Mladenoff, D., Rose, R., Sickley, T. and A. Wydeven. 2004. "Predicting human-carnivore conflict: A spatial model based on 25 years of wolf predation on livestock" Conservation Biology. 18:114-125.

Chapman, C.A., M.J. Lawes, **L. Naughton-Treves**, and T.R. Gillespie. 2003. "Primate survival in community-owned forest fragments: Are metapopulation models useful amidst intensive use?" in L.K. Marsh, editor, Primate Ecology and Conservation. Kluwer Academic /Plenum Publishers, New York. Pp. 63-78.

**Naughton-Treves, L.**, Mena, J.L., Treves, A., Alvarez, N. and V. Radeloff. 2003. "Wildlife survival beyond park boundaries: The impact of slash-and-burn agriculture and hunting on mammals in Tambopata, Peru" Conservation Biology. 17:1106-1117.

Alvarez, N. and **L. Naughton-Treves**. 2003. "Linking national agrarian policy to deforestation in the Peruvian Amazon: A case study of Tambopata, 1986-1997" Ambio. 23:269-274.

Grossberg, R., Treves, A. and **L. Naughton-Treves**. 2003. "The incidental ecotourist - Measuring visitor impacts on endangered howler monkeys inhabiting an archaeological site in Belize" Environmental Conservation. 30(1):40-51.

**Naughton-Treves, L.**, Grossberg, R. and A. Treves. 2003. "Paying for tolerance? The impact of livestock depredation and compensation payments on rural citizens' attitudes toward wolves" Conservation Biology. 17(6):1500-1511.

**Naughton-Treves, L.** 2002. "Wild animals in the garden: Conserving wildlife in Amazonian agroecosystems." Annals of the Association of American Geographers. 92(3):488-506.

#### **Publications (cont.)**

**Naughton-Treves, L.** and C. Chapman. 2002. "Fuelwood resources on fallow land in East Africa." Journal of Sustainable Forestry. 14:19-32.

Treves, A., Jurewicz, R., **Naughton-Treves, L.**, Rose, R., Willging, R., and A. Wydeven. 2002. "Wolf depredation on domestic animals in Wisconsin, 1976-2000" Wildlife Society Bulletin. 30(1):231-241.

- Archabald, K. and **L. Naughton-Treves**. 2001. "Tourism revenue sharing around national parks in western Uganda: Early efforts to identify and reward local communities." Environmental Conservation. 23:135-149.
- Weber, W., Vedder, A., White, L. and **L. Naughton-Treves**, editors. 2001. African Rainforest Ecology and Conservation. New Haven: Yale University Press.
- Naughton-Treves, L.** and W. Weber. 2001. "Human dimensions of the African Rainforest." pp. 30-43 in W. Weber, L White, A. Vedder, and L. Naughton-Treves. African Rain Forest Ecology and Conservation. New Haven: Yale University Press.
- Vedder, A., **Naughton-Treves, L.**, Plumptre, A., Mubalama, L., Rutagarama, E. and W. Weber. 2001. "Conflict and conservation in the African Rain Forest." pp. 557-562 in W. Weber, L White, A. Vedder, and L. Naughton-Treves. African Rain Forest Ecology and Conservation. New Haven: Yale University Press.
- Naughton-Treves, L.** and W. Weber. 2001. "Human dimensions of the African Rainforest." pp. 30-43 in W. Weber, L White, A. Vedder, and L. Naughton-Treves. African Rain Forest Ecology and Conservation. New Haven: Yale University Press.
- Naughton-Treves, L.** 2001. "Farmers, wildlife, and the forest fringe." pp. 369-384 in W. Weber, L White, A. Vedder, and L. Naughton-Treves. African Rain Forest Ecology and Conservation. New Haven: Yale University Press.
- Naughton-Treves, L., A., Rose, R. and A. Treves.** 2000. "The social dimensions of human-elephant conflict in Africa: A review of the literature and case studies from Cameroon and Uganda." Publication Series of the African Elephant Specialty Group. Gland, Switzerland: International Union for the Conservation of Nature. 80 pp. Available at: <http://iucn.org/themes/ssc/sgs/afesg/hec/pdfs/hecugcarev.pdf>
- Treves, A. and **L. Naughton-Treves**. 1999. "Risk and opportunity for humans coexisting with large carnivores." Journal of Human Evolution. 36:275-282.
- Naughton-Treves, L.** 1999. "Whose animals? A history of property rights to wildlife in Toro, Western Uganda." Land Degradation and Development. 10:309-326.
- Naughton-Treves, L.** (editor) 1999. "Fighting in the Forest: Biodiversity Conservation Amidst Violent Conflict." Discussion Paper. Conservation and Development Forum, Ford Foundation and University of Florida, Gainesville.
- Wallace, A. and **L. Naughton-Treves**. 1998. "Rio Bravo Reserve, Belize." pp. 217-247 in K. Brandon, K. Redford, and S. Sanderson. Parks in Peril: People, Politics, and Protected Areas in Latin America. Washington, DC: Island Press.
- Publications (cont.)**
- Fiallo, E. and **L. Naughton-Treves**. 1998. "Machalilla National Park, Ecuador." pp. 248-285 in K. Brandon, K. Redford, and S. Sanderson. Parks in Peril: People, Politics, and Protected Areas in Latin America. Washington, DC: Island Press.
- Tello, B., E. Fiallo, and **L. Naughton-Treves**. 1998. "Podocarpus National Park, Ecuador." pp. 286-321 in K. Brandon, K. Redford, and S. Sanderson. Parks in Peril: People, Politics, and Protected Areas in Latin America. Washington, DC: Island Press.

- Naughton-Treves, L.** 1998. "Predicting patterns of crop damage by wildlife around Kibale National Park, Uganda." Conservation Biology. 12:156-168.
- Naughton-Treves, L.,** Treves, A., C. Chapman, and R. Wrangham. 1998. "Temporal patterns of crop-raiding by primates: Linking food availability in croplands and adjacent forest." Journal of Applied Ecology. 35:596-606.
- Naughton-Treves, L.** 1998. "Conserving wildlife in hostile, changing landscapes" REVIEW of D. Western's *In the Dust of Kilimanjaro*. Conservation Biology. 12(6):1424-1425.
- Treves, A. and **L. Naughton-Treves**. 1997. "Case study of a chimpanzee recovered from poachers and temporarily released with wild conspecifics." Primates. 38:315-324.
- Naughton-Treves, L.** 1997. "Farming the forest edge. Vulnerable places and people around Kibale National Park, Uganda," Geographical Review. 87:27-46.
- Naughton-Treves, L.** 1997. REVIEW of Fairhead, J. and M. Leach's *Misreading the African Landscape*. Common Property Resource Digest. September:15-17.
- Naughton, L.** and E. Young. 1996. "Geography and the study of the human transformation of the biosphere." pp. 97-119 in S. Karakashian and J. Collet, editors, Greening the College Curriculum: A Guide to Environmental Studies in the Liberal Arts. Washington, DC: Island Press.
- Redford, K., **Naughton-Treves, L.** and E. Racz-Luna. 1996. "Forest wildlife and its exploitation." pp. 46-56 in C. Harcourt and J. Sayer, editors, Conservation Atlas of Tropical Forests of the Americas. New York: Simon and Schuster.
- Naughton, L.** and S. Sanderson. 1995. "Property, politics and wildlife conservation." World Development. 23:1265-1275.
- Naughton, L.** 1994. "Conservation vs. gold mining in Corcovado National Park, Costa Rica: Land use conflicts at wilderness frontiers," Yearbook of Conference of Latin Americanist Geographers. 19: 47-55.

#### **Invited lectures**

- 2006 *Paying for Tolerance? The Politics and Practice of Compensation Programs for Large Carnivore Depredation*. Special Symposium of The Wildlife Society Annual Meeting. Anchorage, Alaska. Sept.
- 2006 *Beyond recovery: Living with Wolves in the L. Superior Region, USA*. Keynote Address at the Swedish Wolf Symposium. Vålådalen, Sweden. March.
- 2006 *Beyond recovery: Living with Wolves in the L. Superior Region*. Invited presentation for Wild Rangelands Symposium. Zoological Society of London, London. January. (declined).

#### **Invited lectures (cont.)**

- 2005 *Raising public tolerance for Large Carnivore Conservation*. Invited presentation for Workshop on People, Wildlife, and Livestock Conflict in the Greater Ecosystems of Serengeti-Mara and Yellowstone, Yale University School of Forestry and Environmental Science (declined).
- 2005 *Paying for Tolerance? A review of compensation programs for carnivore depredations in E Africa*. Invited presentation for workshop "Building Foundations for Pro-Poor Ecosystem Services Payments in Africa" Sponsor: Forest Trends.
- 2005 *Desarrollo socioeconómico de las regiones: Desafíos actuales para la biodiversidad y conservación en Madre de Dios*. Plenary speaker for Simposio Tambopata, Peru. July.

- 2005 Plenary speaker. *The Quiet Recovery of Wolves in the L. Superior Region, USA*, International Symposium on Society and Resource Management, Östersund, Sweden. June.
- 2004 *The Quiet Recovery of Wolves in the Lake Superior Region*, Department of Geography, University of Iowa. December.
- 2004 *Living on the Edge: Risk and benefits for communities neighboring parks in developing countries*, Keynote Address at Symposium, Antioch Graduate School on "Conservation without Borders: The impact of conservation on Human Communities". Manchester, NH. October.
- 2004 *Conservation Zoning and Deforestation in 15 Protected Areas of Ecuador and Peru*, School of Forestry and Environmental Studies, Yale, University, New Haven, CT. October.
- 2004 *Paying for Tolerance? Compensation payments and wolf recovery in Wisconsin*, Symposium on Society and Resource Management, Keystone, Colorado. June.
- 2003 *Wildlife Conservation in Amazonian Agroecosystems*. University of Colorado-Boulder, Department of Geography, and Environmental, Population and Organismal Biology Program. January.
- 2002 *Socioecological factors shaping local attitudes to wildlife in Africa*. Keynote Address, Zoological Society of London Conference on Humans and Wildlife: Conflict or Coexistence, London. December.
- 2001 *Wild Animals in the Garden*. Dartmouth University. Department of Geography. October.
- 2000 *Can Carbon Sequestration Projects Save Biodiversity and Improve Rural Livelihoods in Developing Countries?* Princeton University, Princeton Environmental Institute.
- 1999 *Wildlife Conservation in Tropical Agroecosystems*. U. of Texas, Austin, Department of Geography.
- 1999 *Wildlife Conservation in Tropical Agroecosystems*. School of Forestry and Environmental Studies, Yale University, New Haven.
- 1999 *Keeping Elephants in their Place*. ACLS symposium on Disciplining Animals. UW-Milwaukee.
- 1995 *Caught between two worlds: Attempted reintroduction of an orphaned juvenile chimpanzee to a community of wild chimpanzees* Keynote with A. Treves, Jane Goodall Institute, West Palm Beach, FL.

### **Supervision of student research projects**

M. Buck Holland (Ph.D.) "Prioritizing Conservation Actions In Costa Rica: The Changing Human Context For Protected Area Creation And Management"

L. Hazzah (M.Sc.) "Living with Lions: Socioecological correlates of Risk around Chyulu Hills, Kenya"

M. Reuling (M.Sc.) "Land use change and wildlife corridors around Shimba Hills Reserve, Kenya"

K. Martin (M.Sc.) "Wolf dispersal patterns in rural landscapes of the Lake Superior Region"

R. Rose (Ph.D.) "Changing Farms, Changing Forests: A Multi-scaled Model of Land Cover Change in Northwestern Wisconsin"

P. Witucki (M.Sc.) "The impact of fencing on land use and cover at Aberdares National Park, Kenya" (2005)

- K. Kapp (M.Sc.) “Socioecological correlates of Human-Black Bear conflict in Northern Wisconsin” (2005)
- V. Blank (M.Sc.) “Participatory mapping for community management of land and biodiversity in Wisconsin (2004)
- E. Dutilly (senior thesis) “Land Tenure Disputes in three Protected Forests of Ecuador” (2004)
- M. Schenck (M.Sc.) “Poverty and the demand for bush meat in Gabon” (2003)
- J. Ewald-Equivel (M.Sc.) “Tropical forest restoration ecology in a developing country context” (2002)
- N. Alvarez (M.Sc.) “Land use and deforestation in Bajo Madre de Dios, Peru” (2001)
- S. Benson, (senior honors thesis) “The politics of carbon sequestration projects in developing countries” (2001)
- E. Parker, (senior honors thesis) “Carbon sequestration and forest conservation at Rio Bravo, Belize”(2000)
- K. Archabald (M.Sc.) “Ecotourism revenue sharing around Jozani Forest Reserve, Zanzibar” (2000)

### **Professional Societies**

Association of American Geographers

Cultural and Political Ecology Specialty Group, AAG

Biogeography Specialty Group, AAG

American Association of University Women

Graduate Women in Science

International Association for the Study of Common Property

IUCN Expert Panel on Collaborative Management

Society for Conservation Biology

Women in Environmental and Biological Sciences, Makerere University, Kampala (co-founder)