

# CURRICULUM VITAE

## Joel Thomas Heinen

**Birth Date and Place:** March 9, 1958. Buffalo, NY. Citizenship: USA.

**Address:** Department of Earth and Environment, Florida International University, Miami, FL, 33199.  
Phone: (305) 348-3732 Fax: 305-348-6137 email: heinenj@fiu.edu

**Areas of Study:** Biodiversity Conservation Policy, Natural Resources Management.

### Professional Appointments:

- 2008 - present. Professor, Department of Earth and Environment, Florida International University
- 2002 - 2008. Chair of Environmental Studies, Florida International University.
- 1997 - 2008. Associate Professor of Environmental Studies, Florida International University.
- 1993 - 1997. Assistant Professor of Environmental Studies, Florida International University.
- 1993 - 2017. Visiting Professor, The University of Michigan Biological Station (summer appointments).
- 1991 - 1992. Adjunct Lecturer, The University of Michigan School of Natural Resources and Biological Station.

### Courtesy Appointments:

- 2005 - present. Patron: Bird Conservation, Nepal, Kathmandu.
- 2001 - present. Affiliated Faculty, Asian Studies, Florida International University.
- 1999 - present. Reviewer for the Interdisciplinary Committee Member, World Cultural Council (Albert Einstein Award).
- 1995 - present. Affiliated Faculty, Latin American and Caribbean Studies, Florida International University.
- 1995 - present. Member of IUCN SSC - The World Conservation Union Species Survival Commission.
- 2007 - 2012. Member of the United States National Ramsar Committee.
- 2007 - 2010. Member of The Centennial Leadership Committee, University of Michigan Biological Station.
- 2002 - 2005. Member of the Himalayan Nature Executive Council. Kathmandu, Nepal.
- 2000 - 2003. Fulbright Senior Scholars Specialist Reviewer for Environmental Sciences.
- 1996 - 2004. Member of the Mountain Forum, Himalayan Region.

### Education: (transcripts on request).

- Ph.D. December, 1992. The University of Michigan School of Natural Resources and Environment (1988-1992).  
**Program:** Resource Ecology and Management.
- M.S. August, 1984. Ohio State University Department of Zoology (1982-1984).  
**Program:** Behavioral and Community Ecology.
- M.S. June, 1982. Virginia Tech School of Forestry and Wildlife Resources (1980-1982).  
**Program:** Resource Management, Remote Sensing.
- B.S. December, 1979. The University of Michigan School of Natural Resources.  
**Program:** Natural Resources (graduation with distinction).

### Honors:

#### Faculty Fellowships and Awards:

- Matriculation Merit Award. Florida International University 2001.
- Provost's Office and Florida International University Foundation Faculty Research Award, Summer, 2001.
- East-West Center Visiting Fellowship in Asia-Pacific Regional Cooperation, Summer, 2000 (Honolulu, HI).
- Fulbright Senior Scholar, Fall, 1999 (Bishkek, Kyrgyzstan).
- Teaching Incentive Program Award, State University System of Florida. 1997.

**Invited and Elected Societies and Listings:**

Metropolitan Who's Who (2006-2007).  
Madison's Who's Who (2004)  
Lexington Who's Who (2000/01)  
Outstanding Scholars of the 20th Century (2000)  
Marquis Who's Who in Science and Engineering (1996/1997)  
World Who's Who and Does What in Environment and Conservation (1996)  
American Men and Women of Science (1995)  
Sigma Xi (1990), Phi Sigma (1981), Xi Sigma Pi (1978)

**Grants and Contracts (1993-present):****Research Grants and Contracts (as Principal):**

Disney Wildlife Conservation Fund. 2004 – 05. Corridor Habitat Evaluation in Nepal. (\$11,500).  
IUCN - The World Conservation Union, Nepal. 2004 (consultancy). Nepal Wild Buffalo Census (\$3,600).  
National Fish and Wildlife Foundation. 2003 - 06. Landscape Conservation in Lowland Nepal (\$17,600).  
Summerlee Foundation. 2002 - 03. Human influences on Manatee Behavior in Crystal River, FL. (\$5,080).  
Faculty Research Award. Provost's Office and FIU Foundation. 2001. (\$15,700).  
Bureau of Protected Species Management. 2001 - 02. Boater safety and manatee conservation in FL (\$16,500).  
Florida Inland Navigational District. 2001. No-wake zone compliance and manatee conservation in FL (\$10,000).  
National Geographic Society. 2000 - 02. Buffer zone management in Kaziranga Nat'l Park, Assam, India (\$8,500).  
East-West Center. 2000. Visiting research fellow in environmental studies – Nepal Conservation Policy (\$8,000).  
Faculty Research Award. 1998. College of Arts and Sciences, FIU (\$6,300).  
International Fund for Animal Welfare. 1998 (consultancy). Elephant conservation in Kuiburi, Thailand (\$2,600).  
United Nations Development Program. 1997 (consultancy). Nepal National Biodiversity Action Plan (\$12,000).

**Research Grants and Contracts (as Co-Investigator):**

Bonefish and Tarpon Trust. 2014-2018 (with Jennifer Rehage, PI). Bonefish Ecology and Conservation (\$369,000).  
National Geographic Society. 1996 – 98 (with Jay P. Sah, PI). Habitat change in Sukla Phanta, Nepal (\$10,000).  
San Diego Zool. Society. 1996 - 98 (with V. Lance, PI). Pollution monitoring in the Narayani River, Nepal (\$27,000).  
Earhart Foundation. 1993 (with John Baden, PI). Incentives in conservation programs (\$20,000).

**External Teaching/Research Grants and Contracts (as Principal):**

University of Michigan. 1993 –2017. Periodic Biological Station adjunct appointments (16 years total; \$182,700).  
NOAA. 2003 - 2007. Educational Partnership with Minority-Serving Institutions (\$245,150).  
Fulbright Senior Scholarship. 1999 – 2000. Lecturing and research award in Kyrgyzstan (\$26,000).  
University of Michigan. 1993. School of Natural Resources and Environment adjunct appointment (\$6,000).

**University Program Grants (as Principal):**

Miscellaneous donors. 2012-2016. Annual Earth Day Benefit Concerts for FIU's Preserve (\$13,000).  
Private Donation. 2013. Scholarship fund for Biodiversity and Conservation student research (\$10,000).  
The Martin Foundation. 2006 - 08. Environmental Preserve Intern Support (\$30,000).  
The Knapp Foundation. 2004. Environmental Videos acquisition grant (\$10,000).

Philip Morris Foundation. 2000 - 2002. Support for environmental studies seminars (\$10,000).

The Knapp Foundation. 1994. Environmental studies library acquisition grant (\$40,000).

**University Program Endowment Funds Raised (as Principal):**

Reitmeister Environmental Scholarship Endowment. 2008. (\$40,000; private gifts).

FIU Environmental Preserve Intern Endowment. 2008. (\$100,000; \$30,000 private gifts, \$70,000 Martin Foundation).

Hibbard Endowment for Environmental Speakers. 2005. (\$150,000: \$100,000 private gift; \$50,000 state match).

**Total to Date: \$1,406,230.**

Breakdown by investigator status:

As Principal Investigator: \$980,230; As Co-Investigator: \$426,000.

Breakdown by category:

Research/Teaching-related: \$1,003,230; University Program Support: \$403,000.

**Courses Taught:** (\*designates current teaching portfolio)

**Florida International University, Miami. Environmental Studies and Earth and Environment (1993-present):**

**Scheduled Courses:**

\*Conservation Biology (Environmental Studies 4401 and 5409, 3 credits)

\*Natural Resources Conservation and Policy (Environmental Studies 6377; 3 credits, team taught)

\*First Year Seminar for Earth and Environment (ISC 1056; 1 credit)

\*Earth and Environment Senior Seminar (EVR 4920; GLY 4937; MET 4937; 1-credit capstone course)

\*Environmental Sciences (Environmental Studies 1001, 3 credits)

\*Protected Areas Management (EVR 6360; 3 credits, intermittent)

\*Endangered Species Policy (EVR 6406; 3 credits, intermittent)

Environmental Resource Management (Environmental Studies 5329; 3 credits)

Undergraduate Seminar (Environmental Studies 4920, 1 credit)

Environmental Sciences (Environmental Studies 3011; 3 credits)

Environmental Pollution Lab (Environmental Studies 3011L, 1 credit)

Energy Flow in Natural and Man-made Systems (Environmental Studies 3010, 3 credits - team taught)

Ecology of Biotic Resources (Environmental Studies 4026, 3 credits)

Global Environmental Issues (Liberal Studies 4920, 3 credits - team taught)

US Environmental Policy (Environmental Studies 4352, 3 credits)

Graduate Seminar (Environmental Studies 6935, 1 credit)

**Research, Independent Studies, etc. (all are variable credit):**

\*Undergraduate Independent Study, \*Graduate Independent Study,

\*Master's Research, \*Master's Thesis, \*PhD Research, \*Dissertation

**University of Michigan Biological Station, Pellston (1991-2002; 2010-2017; 18 Summer A terms):**

General Ecology (EEB 381, 5 credits), Readings in Ecology (a graduate section of EEB 381)

Introduction to Natural Sciences (Biology 104, 5 credits)

**International University of Kyrgyzstan, Bishkek (1999-2000):**

Environmental Protection, Fulbright Scholar and Visiting Professor.

**Organization for Tropical Studies, Costa Rica (1998):**

Visiting Professor in International Conservation Policy for the Undergraduate Semester Abroad Course.

**University of Michigan, Ann Arbor. School of Natural Resources and Environment (1992-1993):**

Ecological Issues (Natural Resources 301, 4 credits)

Special Topics/Independent Study (Natural Resources 300, variable credit)

**Tribhuvan University, Institute of Forestry, Pokhara Campus, Nepal (1984-1987):**

National Park Administration and Management (third-year Diploma students, Wildlife Majors)

Ornithology and Mammalogy (third-year Diploma students, Wildlife Majors)

Remote Sensing (third-year Diploma students, Forestry, Soils, and Wildlife Majors)

**Publications:** (reprints on request)

**Peer-reviewed Articles:**

- Heinen, J.T. and S. Dahal. (in press). Smaller than a breadbox: Some thoughts on research priorities for the conservation of Nepal's lesser terrestrial vertebrates. *Nepalese Journal of Zoology*.
- Braddock, K.N. and J.T. Heinen. 2021. Perceptions of, and Motivations for, Land Trust Conservation in Northern Michigan: An Analysis of Key Informant Interviews. *Sustainability* 13: 1609. (doi:10.3390/su13041609)
- Baral, N. and J.T. Heinen. 2020. Regulatory compliance of community-based conservation organizations: Empirical evidence from Annapurna Conservation Area, Nepal. *Sustainability* 12: 9420. (doi: 10.3390/su12229420). 21pp.
- Diamond, J.M., M.S. Ross, H. Liu and J.T. Heinen. 2020. Palm snags are a critical nesting resource for woodpeckers in an urbanized tropical region. *Urban Ecosystems* 23(1): 67-78. (doi: 10/s11252-019-00899). 12 pp.
- Guzman, A., J.T. Heinen and J.P. Sah. 2020. Evaluating the conservation attitudes, awareness and knowledge of residents towards Vieques National Wildlife Refuge, Puerto Rico. *Conservation and Society* 18(1):13-24.
- Paudel, P.K., K.P. Acharya, H.S. Baral, J.T. Heinen, S.R. Jnawali. 2020. Trends, patterns and networks of illicit wildlife trade in Nepal: A national synthesis. *Conservation Science and Practice* 2(9): e247. (doi: 10.1111/csp2.247).
- Heinen, J.T., N. Baral, P.K. Paudel and J.P. Sah. 2019. On the road to sustainability? A review of a half century of biodiversity conservation successes in Nepal and some thoughts on future needs. Pp. 71-88 in Bakar, A. N. & Suratman, M. N. (Eds.). *Protected Areas and Sustainability* (doi: 10.5772/intechopen.84617). 122 pp.
- Chen, Y., H. Liu and J.T. Heinen. 2019. Challenges in the conservation of an over-harvested plant species with high socio-economic values. *Sustainability* 11:4194. (doi: 10.3390.s11154194). 13 pp.
- Heinen, J.T. and B. Castillo. 2019. Browse-mediated succession by deer and elk 40 y after a clearcut in northern lower Michigan. *American Midland Naturalist* 181:81-91.
- Kroloff, E.K.N., J.T. Heinen, J.S. Rehage, K. Braddock and R. Santos. 2019. Understanding the decline of a catch and release fishery with angler knowledge: A key informant approach applied to South Florida bonefish. *Environmental Biology of Fishes* 102(2):319-328.
- Kuniyal, C.P., J.T. Heinen, B.S. Negi, and J.C. Kaim. 2019. Is cultivating of *Saussurea costus* (Asterales: Asteraceae) sustaining its conservation? *Journal of Threatened Taxa* 11(13):14745-14752.
- Rehage, J.S., R.O. Santos, R., E.K.N. Kroloff, J.T. Heinen, Q. Lai, B. Black, R.E. Boucek and A.J. Adams. 2019. How has the quality of bonefishing changed? Quantifying temporal patterns in the South Florida Flats Fishery using local ecological knowledge. *Environmental Biology of Fishes* 102(2):285-298.
- Santos, R.O., J.S. Rehage, E.K.N. Kroloff, J.T. Heinen and A.J. Adams. 2019. Combining data sources to elucidate spatial patterns in recreational catch and effort: Fisheries-dependent data and local ecological knowledge applied to the South Florida Bonefish fishery. *Environmental Biology of Fishes* 102(2):299-317.
- Braddock, K. and J.T. Heinen 2017. Conserving nature through land trust initiatives: A case study of the Little Traverse Conservancy, Northern Michigan. *Natural Areas Journal* 37(4):549-555.

- Baral, N., S. Kaul, J.T. Heinen and S. Ale. 2017. Estimating the value of World Heritage Site designation: A case study from Sagarmatha (Mt Everest) National Park, Nepal. *Journal of Sustainable Tourism* 2017(4):1-16.
- Heinen, J.T., A. Roque and L.C. Collado-Vides. 2017. Managerial Implications of perceptions, attitudes and awareness of residents regarding the Puerto Morelos National Marine Park, Mexico. *Journal of Coastal Research* 33(2):295-303.
- Edwards, C.J., J.T. Heinen and J. Rehage. 2016. Recreational angler perspectives on non-native fish species in the Greater Everglades ecosystem. *Human Dimensions of Wildlife* 21(2):144-157.
- Diamond, J. and J.T. Heinen. 2016. Conserving rare plants in locally-protected urban forest fragments: A case study from Miami-Dade County, Florida. *Urban Forestry and Urban Greening* 20:1-11.
- Garcia Lozano, A.J. and J.T. Heinen. 2016. Emerging challenges and future directions for the co-management of small-scale fisheries in Costa Rica: Marine Areas for Responsible Fishing in Costa Rica. *Marine Policy* 73:196-203.
- Garcia Lozano, A.J. and J.T. Heinen. 2016. Identifying drivers of collective action for the co-management of marine fisheries in the Gulf of Nicoya, Costa Rica. *Environmental Management* 57(4):759-769.
- Heinen, J.T. and P. Paudel. 2015. On the translocation of Asian buffalo *Bubalus arnee* in Nepal: Are feral backcrosses worth conserving? *Conservation Science* 3(1):11-19.
- Paudel, P.K. and J.T. Heinen. 2015. Conservation at the crossroads: On the status of threatened fauna in the Central Himalayas of Nepal. *Geoforum* 64:192-195.
- Paudel, P.K. and J.T. Heinen. 2015. Conservation planning in the Nepal Himalayas: Effectively (re) designing reserves for heterogeneous landscapes. *Applied Geography* 56(1):127-134.
- Heinen, J.T. 2014. *Chelydra serpentina* (Common Snapping Turtle) nesting aggregation. *Herpetol. Review* 45(4):685-686.
- Giannini, H.C. and J.T. Heinen. 2014. Miami-Dade County's Environmentally Endangered Lands Covenant Program: Creating protected areas on private land via financial incentives. *Natural Areas Journal* 34(3):338-345.
- Liu, H., Y.B. Luo, J.T. Heinen, M. Bhat and Z.J. Liu. 2014. Eat your orchid and have it too: A potentially new conservation formula for Chinese epiphytic medicinal orchids. *Biodiversity and Conservation* 23(5):1215-1228.
- Heinen, J. T. 2012. International Trends in protected areas policy and management. In www.intechopen.com. *Global Issues and Trends in the Protection of Natural Areas*. (doi 10.5772/50061). 18 pp.
- Dongol, Y. and J.T. Heinen. 2012. Pitfalls of CITES implementation in Nepal: A policy gap analysis. *Environmental Management* 50(2):181-192.
- Aryal, A., T.K. Shrestha, A. Ram, W. Frey, C. Groves, H. Hemmer, M. Dhakal, R.K. Koirala, J.T. Heinen and D. Raubenheimer. 2011. A call to save the wild water buffalo (*Bubalis arnee*) in Nepal. *International Journal of Conservation Science* 2(4):261-168.
- Heinen, J.T. and R. Shrestha-Acharya. 2011. The non-timber forest products sector in Nepal: Emerging policy issues in plant conservation and utilization. *Journal of Sustainable Forestry* 30(6):543-562.
- Alonzo, J. and J.T. Heinen. 2011. Miami-Dade County's Environmentally Endangered Lands Program: Local efforts for a global cause. *Natural Areas Journal* 31(2):500-506.
- Baral, N., M. Stern and J.T. Heinen. 2010. Growth, Collapse and Reorganization of the Annapurna Conservation Area, Nepal: An Analysis of Institutional Resilience. *Ecology and Society* 15(3): 10 (online).
- Heinen, J.T. 2010. The importance of a social science research agenda in the management of protected natural areas, with selected examples. *Botanical Review* 76:140-164.
- Heinen, J.T. and M.E. Grant. 2009. Reptiles and Amphibians. Chapter 14, pp 143-153 in K. Nadelhoffer, A.J. Hogg and B. Hazlett (eds). *Northern Michigan: A View from the University of Michigan Biological Station*. (UMBS Centennial Volume). Ann Arbor: The University of Michigan Press.
- Heinen, J.T. and R.J. Shrivastava. 2009. A demographic and socio-economic analysis of conservation attitudes and awareness around Kaziranga National Park, Assam, India: Implications for conservation and development. *Population and Environment* 30(6):261-274.

- Timilsina, N. and J.T. Heinen. 2008. Forest structure under different management regimes in the western lowlands of Nepal: A comparative analysis. *Journal of Sustainable Forestry* 26(2):112-131.
- Baral, N. and J.T. Heinen. 2007. Decentralization and people's participation in conservation: A comparative study from Nepal. *International Journal of Sustainable Development and World Ecology* 14:520-531.
- Baral, N., M. Stern and J.T. Heinen. 2007. Integrated conservation and development project life cycles in the Annapurna Conservation Area, Nepal. *Biodiversity and Conservation* 16(10):2903-2917.
- Baral, N. and J.T. Heinen. 2007. Resource use and conservation attitudes of residents in the Western Terai Landscape of Nepal. *Environmental Conservation* 34(1):64-72.
- Shrivastava, R.J. and J.T. Heinen. 2007. A microsite analysis of communities around Kaziranga National Park, India: Implications for conservation and development. *Journal of Environment and Development* 16:207-216.
- Timilsina, N., M. Ross and J.T. Heinen. 2007. A community analysis of Sal (*Shorea robusta*) forest in the western terai of Nepal. *Forest Ecology and Management* 241(1-3):223-234.
- Baral, N. and J.T. Heinen. 2006. The Maoist People's War and conservation in Nepal. *Politics and the Life Sciences* 24(1-2):1-11.
- Heinen, J.T. and R.C. Kandel. 2006. Threats to a small population: A census and conservation action plan for wild buffalo in Nepal. *Oryx* 40(3):324-330.
- Heinen, J.T. and S.K. Shrestha. 2006. Evolving policies for conservation: An historical profile of the protected area system of Nepal. *Journal of Environmental Planning and Management* 49(1):41-58.
- Ter-Ghazaryan, D. and J.T. Heinen. 2006. Reserve management during transition: The case of Issyk-kul Strict Nature and Biosphere Reserve, Kyrgyzstan. *Environmental Practice* 8(1):11-22.
- Shrestha-Acharya, R. and J.T. Heinen. 2006. Emerging policy issues on non-timber forest products in Nepal. *Himalaya* 26(1-2):51-54.
- Cook, G.S. and J.T. Heinen. 2005. On the uncertain costs and tenuous benefits of marine protected areas: A case study of the Tortugas Ecological Reserve, South Florida, USA. *Natural Areas Journal* 25(4):390-396.
- Heinen, J.T. and J.A. Abdella. 2005. On the advantages of putative cannibalism in American toad tadpoles: Is it active or passive and why? *American Midland Naturalist* 153(2):338-347.
- Shrivastava, R.J. and J.T. Heinen. 2005. Migration and home gardens in the Brahmaputra Valley, India. *Journal of Ecological Anthropology* 9:20-34.
- King, J. M. and J.T. Heinen. 2004. An assessment of the behaviors of overwintering manatees as influenced by interactions with tourists at two sites in Central Florida. *Biological Conservation* 117(3):227-234.
- Heinen, J.T., J. Reznik, S. Hill, J. Kostrzewski and A. Maziak. 2003. Factors affecting insect capture rates by retail electrocuters and eliminators in northern lower Michigan. *Great Lakes Entomologist* 36(1):65-73.
- Heinen, J. T. and R. Vande Kopple. 2003. Profile of a biosphere reserve: The University of Michigan Biological Station and its conformity to the Man and Biosphere Program. *Natural Areas Journal* 23(2):165-173.
- Heinen, J.T. 2002. Phenotypic and behavioral characteristics used to identify wild buffalo (*Bubalus bubalis*) from feral backcrosses in Nepal. *Journal of the Bombay Natural History Society* 99(2):173-183.
- Heinen, J.T. and D. Chapagain. 2002. The expansion of species protection in Nepal: Advances and pitfalls in new efforts to implement and comply with CITES. *Journal of International Wildlife Law and Policy* 5:235-250.
- Heinen, J.T. 2001. A translocation proposal for wild buffalo (*Bubalus bubalis*) in Nepal: Recommended management action in the face of uncertainty for a critically endangered species. Bangkok: FAO. *Tiger Paper* 28(3): 1-8.
- Heinen, J.T. and S. Rayamajhi. 2001. On the use of goal-oriented project planning in Nepalese protected area management. *Environmental Practice* 3(4):227-236.
- Heinen, J.T., E. Shukurov and C. Sadykova. 2001. Legislative and policy initiatives in biodiversity conservation in Kyrgyzstan. *Post Soviet Geography and Economics* 42(7):519-543.

- Heinen, J.T. and G.R. Singh. 2001. A census and some management implications for wild buffalo (*Bubalus bubalis*) in Nepal. *Biological Conservation* 101(3):391-394.
- Mehta, J.N. and J.T. Heinen. 2001. Does community-based conservation shape favorable attitudes among locals? An empirical study from Nepal. *Environmental Management* 27(5):165-177.
- Sah, J.P. and J.T. Heinen. 2001. Resource utilization and conservation attitudes among indigenous and migrant peoples in Ghodaghodi Lake, Nepal. *Environmental Conservation* 28(4):345-356.
- Heinen, J.T. and R.C.D. Currey. 2000. A 22-year study on the effects of mammalian browsing on forest succession in northern lower Michigan. *American Midland Naturalist* 144:243-252.
- Heinen, J.T. and J.N. Mehta. 2000. Emerging issues in legal and procedural aspects of buffer zone management with case studies from Nepal. *Journal of Environment and Development* 9(1):45-67.
- Heinen, J.T. and J.N. Mehta. 1999. Conceptual and legal issues in the designation and management of conservation areas in Nepal. *Environmental Conservation* 26(1):21-29.
- Heinen, J.T. and G. Hammond. 1997. Antipredator behaviors of newly metamorphosed green frogs and leopard frogs in encounters with eastern garter snakes. *American Midland Naturalist* 137:136-144.
- Heinen, J.T. 1996. Human behavior, incentives, and protected area management. *Conservation Biology* 10(2):681-684.
- Heinen, J.T. and S. Srikosamatara. 1996. Status and protection of Asian wild cattle and buffalo. *Conservation Biology* 10(4):931-934.
- Heinen, J.T. 1995. The faunal collapse of large mammals in the reserves of the Nepalese Terai. Bangkok: FAO. *Tiger Paper* 22(4):18-24.
- Heinen, J.T. 1995. A review of, and research suggestions for, solid waste management issues: The predicted role of incentives in promoting conservation behaviour. *Environmental Conservation* 22(2):157-166.
- Heinen, J.T. 1995. Thoughts and theory on incentive-based programs to promote endangered species conservation in the United States. *Wildlife Society Bulletin* 23(3):338-345.
- Heinen, J.T. 1995. Predator cues and prey responses: A test using eastern garter snakes (*Thamnophis s. sirtalis*) and American toads (*Bufo a. americanus*). *Copeia* 1995(3):738-741.
- Heinen, J.T. 1995. International Conservation Agreements. pp. 375-384 In Nierenberg, W.A. (ed). *Encyclopedia of Environmental Biology* (Volume 1). San Diego: Academic Press.
- Heinen, J.T. 1995. Nature Preserves. pp. 551-561 In Nierenberg, W.A. (ed). *Encyclopedia of Environmental Biology* (Volume 2). San Diego: Academic Press.
- Heinen, J.T. 1995. Applications of human behavioral ecology to wildlife conservation and utilization programmes in developing countries. *Oryx* 29(3):178-186.
- Heinen, J.T., P.B. Yonzon, and B. Leisure. 1995. Fighting the illegal fur trade in Kathmandu, Nepal. *Conservation Biology* 9(2):245-247.
- Heinen, J.T. 1994. Antipredator behavior in newly metamorphosed American toads (*Bufo americanus*) and mechanisms of hunting by eastern garter snakes (*Thamnophis s. sirtalis*). *Herpetologica* 50(2):137-145.
- Heinen, J.T. 1994. A behavioral ecological perspective on the issue of garbage. *Human Ecology Review* 1(1):56-61.
- Heinen, J.T. 1994. Emerging, diverging, and converging paradigms on sustainable development. *International Journal of Sustainable Development and World Ecology* 1(1994):22-33.
- Heinen, J.T. 1994. The significance of color change in newly-metamorphosed American toads (*Bufo a. americanus*). *Journal of Herpetology* 28(1):87-93.
- Heinen, J.T. and P.B. Yonzon. 1994. A review of conservation issues and programs in Nepal: From a single species focus toward biodiversity protection. *Mountain Research and Development* 14(1):61-76.
- Heinen, J.T. 1993. Park-people relations in Kosi Tappu Wildlife Reserve, Nepal: A socio-economic analysis. *Environmental Conservation* 20(1):25-34.

- Heinen, J.T. 1993. Substrate choice and predation risk in newly metamorphosed American toads (*Bufo americanus*): An experimental analysis. *American Midland Naturalist* 130(1):184-192.
- Heinen, J.T. 1993. Population viability and management recommendations for wild water buffalo (*Bubalus bubalis*) in Kosi Tappu Wildlife Reserve, Nepal. *Biological Conservation* 65:29-34.
- Heinen, J.T. 1993. Aggregations of newly-metamorphosed *Bufo americanus*. Tests of two hypotheses. *Canadian Journal of Zoology* 71:334-338.
- Heinen, J.T. and B. Leisure. 1993. A new look at the Himalayan fur trade. *Oryx* 27(4):231-238.
- Low, B.S. and J.T. Heinen. 1993. Population, resources, and environment: Implications of human behavioral ecology for conservation. *Population and Environment* 15(1):7-41.
- Low, B.S. and J.T. Heinen. 1993. The environment: Everybody's talking about it, but... *Michigan Quarterly Review* 32(1):338-349.
- Heinen, J.T. 1992. Characteristics of the leaf-litter herpetofauna in primary rain forest and abandoned plantations in Costa Rica: Some implications for faunal restoration. *Biotropica* 24(3):431-439.
- Heinen, J.T. and B. Kattel. 1992. A review of conservation legislation in Nepal: Past progress and future needs. *Environmental Management* 16(6):723-733.
- Heinen, J.T. and B. Kattel. 1992. Parks, people, and conservation: A review of management issues in Nepal's protected areas. *Population and Environment* 14(1):49-84.
- Heinen, J.T. and B.S. Low. 1992. Human behavioural ecology and environmental conservation. *Environmental Conservation* 19(2):105-116.
- Heinen, J.T. 1990. The design and implementation of a training program for tour guides in Royal Chitwan National Park, Nepal. Bangkok: FAO. *Tiger Paper* 17(2):11-15.
- Heinen, J.T. 1990. Range and status updates and new sightings of birds in Kosi Tappu Wildlife Reserve. Kathmandu: Tribhuvan Univ. *Journal of the Natural History Museum* 11:41-49.
- Heinen, J.T. and T.L. Sharik. 1990. The influence of mammalian browsing on tree growth and mortality in the Pigeon River State Forest, Michigan. *American Midland Naturalist* 123:202-206.
- Heinen, J.T. and J.G. Lyon. 1989. The effects of changing weighting factors on the calculation of wildlife habitat index values: A sensitivity analysis. *Photogrammetric Engineering and Remote Sensing* 55(10):1445-1447.
- Heinen, J.T. 1988. Rare and new bird records for Kosi Barrage and Kosi Tappu Wildlife Reserve during Winter and Spring, 1987. Kathmandu: Tribhuvan Univ. *Journal of the Natural History Museum* 10:23-30.
- Heinen, J.T. and B.B. Thapa. 1988. A feasibility study of a proposed trekking trail in Chitwan National Park. Kathmandu: Tribhuvan University. *Journal of the Forestry Institute* 10:19-28.
- Lyon, J.G., J.T. Heinen, N.E.G. Roller, and R.A. Mead. 1987. Approaches to wildlife habitat modeling using remote sensor data. *Journal of Surveying Engineering* 113(2):88-100.
- Lyon, J.G., J.F. McCarthy, and J.T. Heinen. 1986. Video digitization of aerial photographs for measurement of wind erosion damage on converted range lands. *Photogrammetric Engineering and Remote Sensing* 52(3):373-377.
- Heinen, J.T. 1985. Cryptic behavior in juvenile toads. *Journal of Herpetology* 19:524-527.
- Heinen, J.T. 1984. The use of two model-fitting procedures for the determination of the best fitting model for four spatially defined variables. *Canadian Journal of Remote Sensing* 10(1):25-31.
- Heinen, J.T. and R.A. Mead. 1984. Simulating the effects of clear cuts on deer habitat in the San Juan National Forest, Colorado. *Canadian Journal of Remote Sensing* 10(1):17-24.
- Heinen, J.T. and G.H. Cross. 1983. A technique to measure interspersed, juxtaposition, and spatial diversity from cover type maps. *Wildlife Society Bulletin* 11(3):32-37.



Mead, R.A., T.L. Sharik, S.P. Prisely, and J.T. Heinen. 1981. A computerized spatial analysis system for assessing wildlife habitat from cover type maps. *Canadian Journal of Remote Sensing* 7(1):34-40.

#### Book Reviews:

- Heinen, J.T. 2016. *Parks, Peace and Partnership: Global Initiatives in Transboundary Conservation* by M.S. Quinn, L. Broberg and W. Freimund (Editors). *Natural Areas Journal* 36(2):216-217.
- Heinen, J.T. 2016. *Wild Again: The struggle to save the Black-footed Ferret* by David Jachowski. *Natural Areas Journal* 36(1):108-109.
- Heinen, J.T. 2016. *The Dingo Debate: Origins, behavior and conservation* by B. Smith (editor). *Biological Conservation* 193:133.
- Heinen, J.T. 2016. *Sea Otter Conservation* by Larson, S.E., J.L. Bodkin and G.B. VanBlaricom (editors). *Biological Conservation*.194:1.
- Heinen, J.T. 2015. *Man Swarm: How overpopulation is killing the wild world* by David Foreman. *Biological Conservation* 191:459.
- Heinen, J.T. 2014. *Yellowstone's Wildlife in Transition* by P.J. White, R.A. Garrott and G.E. Plum (Eds). *Biological Conservation* 180:41.
- Heinen, J.T. 2014. *Kingdom of Rarities* by Eric Dinerstein. *Natural Areas Journal* 34(3):386-387.
- Heinen, J.T. 2014. *After the Grizzly: Endangered Species and the Politics of Place in California* by Peter Alagona. *Biological Conservation* 169:296.
- Heinen, J.T. 2010. *No Way Home* by D.S. Wilcove. *ISLA: Interdisciplinary Studies in Literature and the Environment* 17(3):623-624.
- Heinen, J.T. 2009. *Timber Rattlesnakes in Vermont and New York* by Jon Furman. *Endangered Sp. UPDATE* 24(3): 84-85.
- Heinen, J.T. 2009. *Branded: How the certification revolution is transforming global corporations* by Michael E. Conroy. *Environmental Practice* 11(2):125-126.
- Heinen, J.T. 2009. *A Primer of Conservation Biology* (4<sup>th</sup> edition) by Richard B. Primack. *Natural Areas J.* 29(2):195-196.
- Heinen, J.T. 2009. Losses and hope for the tropics: A review of *Tropical Conservation Biology* by N. Sodhi, B. Brook and C. Bradshaw. *Ecology* 90(4):1144-1145.
- Heinen, J.T. 2009. *Serengeti III: Human impacts on ecosystem dynamics* by A.R.E. Sinclair, C. Packer, S.A.R. Mduma and J.M. Fryxell (eds.). *Conservation Biology* 23(1):237-238.
- Heinen, J.T. 2009. *The Soul of the Rhino* by H. Mishra. *ISLA: Interdisciplinary Studies in Literature and the Environment* 16(3):655-656.
- Heinen, J.T. 2008. *The Endangered Species Act at 30* (Volumes 1 and 2) by D.D. Goble, J.M. Scott and F.W. David (Editors). *Natural Areas Journal* 28(4):432-434.
- Heinen, J.T. 2007. *Coexisting with Large Carnivores: Lessons from Greater Yellowstone* by T.W. Clark (ed). *Environmental Practice* 9(2): 140-141.
- Heinen, J.T. 2007. *Innovative Communities: People-centered approaches to environmental management in the Asia-Pacific Region* by J. Velasquez et al (eds). *Journal of Asian Studies* 66(1):213-215.
- Heinen, J.T. 2007. *Coexisting with Large Carnivores: Lessons from Greater Yellowstone* by T.W. Clark (ed). *Endangered Species UPDATE* 23(3):118-120.
- Heinen, J.T. 2006. *The Global Environment: Institutions, Law and Policy* (2<sup>nd</sup> edition) edited by S. Axelrod, L. Downie and N.J. Vig. *Journal of International Wildlife Law and Policy* 9(4):353-355.
- Heinen, J.T. 2006. *Rhino Horn and Tiger Bone: The Destruction of Wildlife for Traditional Chinese Medicine* by Richard Ellis. *Environmental Practice* 8(1):79-80
- Heinen, J.T. 2005. *Environmental Politics and Policy* (6<sup>th</sup> edition) by W.A. Rosenbaum. *Environmental Practice* 7(2):124-125.

- Heinen, J.T. 2005. *GEO Yearbook 2003* by the United Nations Development Program. *Environmental Practice* 7(1):58-59.
- Heinen, J.T. 2004. *From Conquest to Conservation: Our Public Lands Legacy* by M.P. Dombeck, C.A. Wood and J.E. Williams. *Natural Areas Journal* 24(4):361-362.
- Heinen, J.T. 2004. *Environmental Law and Policy* by J. Salzman and B. H. Thompson, Jr. *Environ. Practice* 6(1):82-84.
- Heinen, J.T. 2004. *The National Wildlife Refuges: Coordinating a System through Law* by Robert L. Fischman. *Natural Areas Journal* 24(2):162-163.
- Heinen, J.T. 2003. *The Policy Process: A Practical Guide for Natural Resource Professionals* by Tim W. Clark. *Conservation Biology* 17(6):1857-1858.
- Heinen, J.T. 2003. *Making Parks Work: Strategies for Preserving Tropical Nature* by John Terborgh and others (eds). *Natural Areas Journal* 23(2):178-179.
- Heinen, J.T. 2003. *Terrestrial Ecoregions of the Indo-Pacific: A Conservation Assessment* by E. Wikramanyake and others. *Environmental Practice* 5(2):72-73.
- Heinen, J.T. 2002. Exploitation for Conservation?: *Conservation of Exploited Species* by G. Mace, K. Redford and J. Robinson (eds). *Ecology* 83(8):2355-2356.
- Heinen, J.T. 2002. *Large Mammal Restoration: Ecological and Sociological Challenges in the Twenty-first Century* by D.S. Maehr, R.F. Noss and J.L. Larkin (eds). *Environmental Practice* 4(3):172-173.
- Heinen, J.T. 2002. *Wildlife Wars: My Fight to Save Africa's Natural Treasures* by Richard Leakey and Virginia Morell. *Endangered Species UPDATE* 19(3): 49-50.
- Heinen, J.T. 2002. *Property and Value: Alternatives to Public and Private Ownership* by C. Geisler and G. Daneker (eds). *Natural Areas Journal* 22(2):169-170.
- Heinen, J.T. 2002. *Conservation Biology Research Priorities for the Next Decade* by M. Soule and G. Orians (eds). *Ecology* 83(3): 882-883.
- Heinen, J.T. 2001. *Riding the Tiger: Tiger Conservation in Human-dominated Landscapes* by J. Seidensticker, S. Christie and P. Jackson (eds). *Endangered Species UPDATE* 18(6):233-234.
- Heinen, J.T. 2001. The Importance of Context: *National Parks and Rural Development: Practice and Policy in the United States* by G.E. Machlis and D.R. Field (eds). *Conservation Biology* 15(4):1194-1195.
- Heinen, J.T. 2001. *The Dawn of Conservation Diplomacy: US-Canadian Wildlife Protection Treaties in the Progressive Era* by K. Dorsey. *Natural Areas Journal* 21(2): 206-207.
- Heinen, J.T. 2001. *Ecosystem Management for Sustainability: Principles and Practices Illustrated by a Regional Biosphere Reserve Cooperative* by J. Peine (ed). *Natural Areas Journal* 21(1):118-119.
- Heinen, J.T. 2000. *Animal Underworld: Inside America's Black Market for Rare and Endangered Species* by A. Green. *Endangered Species UPDATE* 17(6): 132.
- Heinen, J.T. 2000. *The Living Planet in Crisis: Biodiversity Science and Policy* by J. Cracraft and F.C. Grifo (eds). *Ecology* 81(5):1469-1470.
- Heinen, J.T. 2000. *Averting Extinction: Reconstructing Endangered Species Recovery* by T. Clark. *Society & Natural Resources* 13(1):90-92.
- Heinen, J.T. 1999. Conservation for Planners: *Planning for Biodiversity* by S. Peck. *Conservation Biology* 13(4): 945-946.
- Heinen, J.T. 1999. Over the edge: A look across boundaries. *Stewardship Across Boundaries* by R.L. Knight and P.B. Landres (eds). *Ecology* 80(3):1096-1097.
- Heinen, J.T. 1999. *Principles of Conservation Biology* by G.K. Meffe and C.R. Carroll. *Forest Ecology and Management* 116:256-257.
- Heinen, J.T. 1999. *Conservation and Management of Biological Resources in the Himalaya* by P.S. Ramakrishnan et al. (eds). *Forest Ecology and Management* 116:253-254.

- Heinen, J.T. 1998. *Last Stand: Protected Areas and the Defense of Tropical Biodiversity* by R. Kramer, C. van Schaik and J. Johnson (eds). ***International Environmental Affairs*** 10(4):299-300.
- Heinen, J.T. 1998. *Trade, Environment and Sustainable Development: A South Asian Perspective* by V. Jha, G. Hewison, and M. Underhill (eds). ***International Environmental Affairs*** 10(3):221-222.
- Heinen, J.T. 1997. More Textbook Choices: *Conservation Biology in Theory and Practice* by G. Caughley and A. Gunn. ***Conservation Biology*** 11(4):1038-1039.
- Heinen, J.T. 1996. *A Guide to the Convention on Biological Diversity* by L. Glowka et al. ***International Environmental Affairs*** 8(2):181-183.
- Heinen, J.T. 1996. *Protected Area Economics and Policy: Linking Conservation and Sustainable Development* by M. Munasinghe and J. McNeely (eds). ***International Environmental Affairs*** 8(2):183-184.
- Heinen, J.T. 1996. The Market for Biodiversity: *Wildlife in the Market Place* by T.L. Anderson and P.J. Hill (eds). ***Conservation Biology*** 10(4):1303-1305.
- Heinen, J.T. 1995. Reports on Parks and Protected Areas: *Protected Landscapes, Parks and Progress*, and *Parks for Life*. ***Conservation Biology*** 9(2):470-471.
- Heinen, J.T. 1995. *Law of the Mother: Protecting Indigenous Peoples in Protected Areas* by E. Kemf (ed). ***The Environmental Professional*** 17(2):180-182.
- Heinen, J.T. 1994. *Environmental Overkill* by D. L. Ray and L. Guzzo. ***Illahee: Journal for the Northwest Environment*** Spring (1994):71-73.
- Heinen, J.T. 1993. *Conservation of Biodiversity for Sustainable Development* by O.T. Sandlund, K. Hindar, and A.H.D. Brown (eds). ***Conservation Biology*** 7(3):740-741.
- Heinen, J.T. 1993. *Ecology, Status, and Management of the Timber Rattlesnake: A Guide for Conservation* by W. S. Brown. ***Endangered Species UPDATE*** 10(9&10):10.
- Heinen, J.T. 1993. An uncertain outlook for life on earth: A review of *The Diversity of Life* by E.O. Wilson. ***American Scientist*** 81(2):179-180.
- Heinen, J.T. 1993. *Economics and Biological Diversity* by J.A. McNeely, and *Economics of Protected Areas* by J. Dixon and P.B. Sherman. ***Population and Environment*** 14(3):315-319.
- Heinen, J.T. 1992. *Game Wars: The Undercover Pursuit of Wildlife Poachers* by M. Reisner. ***Endangered Species UPDATE*** 9(3):5.
- Heinen, J.T. 1992. *Expendable Future: US Politics and the Protection of Biological Diversity* by R. Tobin. ***Endangered Species UPDATE*** 9(7&8):11.
- Low, B.S. and J.T. Heinen. 1992. How we got where we are: A review of *Evolution and Human Behaviour* by C. Badcock. ***New Scientist*** 1809:46.
- Heinen, J.T. 1991. *1990 IUCN Red List of Threatened Animals and 1990 United Nations List of National Parks and Protected Areas*. ***Endangered Species UPDATE*** 8(8):5.

#### Other Non-refereed Articles, Chapters, Abstracts, etc.:

- Heinen, J.T. 2020. Smaller than a breadbox: Some thoughts on the research needs for the conservation of lesser terrestrial vertebrates in Nepal. ***Biodiversity in a Changing World***. First National Conference on Zoology, Kathmandu. Abstract.
- Munguia, S.M., J.T. Heinen and C.L. Collado-Vides. 2019. Wiser use: Conserving biodiversity with coastal blue carbon in the Caribbean. ***Society of Wetland Scientists Annual Meeting, Baltimore, MD***, Abstracts.
- Munguia, S.M., J.T. Heinen and C.L. Collado-Vides. 2019. Wiser use: Conserving biodiversity with coastal blue carbon in the Caribbean. ***40<sup>th</sup> Association of Marine Laboratories of the Caribbean Meeting, Punta Cana, Dominican Republic***.
- Heinen, J.T. and P.K. Paudel. 2019. Cultivation, markets and uses of Nepal's medicinal and aromatic plants: Reflections on local and national policy. Pg. 20 in ***3rd Global Congress on Plant Biology and Biotechnology***, Abstracts, Singapore.

- Heinen, J.T. 2018. Keynote: A half-century of conservation successes in Nepal: Past lessons and future possibilities. Third International Conference on Mountains in a Changing World. Abstract OR KN 1-467. **Kathmandu Institute of Applied Sciences, Nepal.**
- Braddock et al. (5 authors) 2018. A key informant analysis of local knowledge and perceptions of bonefish decline in South Florida. *Bonefish and Tarpon Trust 6<sup>th</sup> Annual Meeting, Ft. Lauderdale, FL.* (poster session).
- Heinen, J.T., Roque A., and L. Collado-Vides. 2017. Managerial Implications of Perceptions, Knowledge, Attitudes and Awareness of Residents Regarding Puerto Morelos Reef National Park, México. *38<sup>th</sup> Association of Marine Laboratories of the Caribbean Annual Scientific Meeting Abstracts.* Mérida, Yucatán, México.
- Heinen, J.T. 2016. Miami-Dade County's Environmentally Endangered Lands Program: Some successes and some issues to consider. *International Tropical Botany and Pine Rocklands Conference Abstracts,* Fairchild Botanical Gardens.
- Diamond, J. and J.T. Heinen. 2016. Can small urban forest fragments conserve rare plant species? A case study from Miami-Dade County, Florida. *Abstracts of the Ecological Society of America, 2016 Annual Meeting.*
- Heinen, J.T., M Cameron, R. Kunwar, R.P. Acharya and H. Liu. 2015. An account of policy revision and field observations of MAPs in Nepal. *Abstracts of the Annual Meeting of the Association of Tropical Biology,* Honolulu, HI.
- Liu, H., Y.B. Lou, J.T. Heinen, Z.J. Liu and M. Bhat. 2015. Introducing the concept of restoration-friendly cultivation. *Abstracts of the Annual Meeting of the Association of Tropical Biology,* Honolulu, HI.
- Heinen, J.T. 2013. A small but persisting population: Wild Buffalo in Koshi Tappu. Special topic for Primack's *Conservation Biology: Nepal Edition.* Pp. 196-197.
- Heinen, J.T. 2012. The Himalayan Wanderer: conservationist, scholar and friend. *The Himalayan Journal of Sciences* 7(9). In the section: In memoriam: Dr Pralad B. Yonzon.
- Heinen, J.T. 2010. Herpetological Tall Tales. Pages 1, 6-7. *Douglas Lake Report.* The University of Michigan Biological Station Newsletter, Pellston, MI. Spring, 2010.
- Heinen, J.T. 2009. Socio-economic relationships between local people and nature preserves determine the sustainability of biodiversity conservation. *Proceedings of the Guangxi International Orchid Symposium.* (Abstract).
- Sharma, VR, J.T. Heinen and G. Pradhan (Editors). 2008. Proceedings of the Third Annual Himalayan Policy Conference. *Himalayan Journal of Development and Democracy* 3(1): 65 pp.
- Heinen, J.T. 2007. Protected Natural Areas. In *The Encyclopedia of Earth* ([www.eoearth.org](http://www.eoearth.org)).
- Heinen, J.T. 2007. The Convention on Wetlands of International Importance. In *The Encyclopedia of Earth* ([www.eoearth.org](http://www.eoearth.org)).
- Heinen, J.T. 2007. The Convention on International Trade in Endangered Species of Wild Fauna and Flora. In *The Encyclopedia of Earth* ([www.eoearth.org](http://www.eoearth.org)).
- Heinen, J.T. and B.S. Low. 2007. Human behavioural ecology and environmental conservation. Chapter 1 in D. Penn and I. Mysterud (eds). *Evolutionary Perspectives on Environmental Problems.* Piscataway, NJ: Aldine Transactions (reprinted from *Environmental Conservation*).
- Heinen, J.T. and J.P. Sah. 2006. On the implementation of the Ramsar Convention in Nepal. *Himalayan Journal of Development and Democracy (Special Issue).* Pages 34-37, Nepal Studies Center, Univ. New Mexico.
- Sah, J.P. and J.T. Heinen. 2006. Issuing annual permits to harvest thatch grass as compensation to local people in Nepal. *Himalayan J. of Development and Democracy (Species Issue).* Page 38, Nepal Studies Center, UNM
- Heinen, J.T. and Jay P. Sah. 2005. On the implementation of the Ramsar Convention in Nepal and its implications for regional waterfowl conservation. *19<sup>th</sup> Annual Meeting Society for Conservation Biology* (Abstract).
- Heinen, J.T. 2004. Population structure and a reintroduction proposal for wild buffalo (*Bubalus arnee*) in Nepal. *Program and Abstracts: 18<sup>th</sup> Annual Meeting of the Society for Conservation Biology* (Abstract).
- Shrivastava, R.J. and J.T. Heinen. 2004. Kaziranga National Park in Transition: Predicting park-people relations when park size increases. *American Association of Geographers Annual Meeting.* Philadelphia, PA (Abstract).

- Shrivastava, R.J. and J.T. Heinen. 2003. A pilot survey of nature-based tourism in Kaziranga National Park, India. *Symposium: Sustainable Nature-based Tourism in SE Asia*. NY: American Museum of Natural History (Poster).
- Sah, J.P. and J.T. Heinen. 2000. Participatory approach to the management of wetlands in Nepal: A case study from Ghodaghadi Lake System. *Program and Abstracts. Quebec 2000: Millennium Wetland Event*. 367 (Abstract).
- Heinen, J.T. and J.N. Mehta. 1999. On the implementation of buffer zone legislation in Nepal. *Program and Abstracts: 13th Annual Meeting of the Soc. for Cons. Biol.* 13:54 (Abstract).
- Mehta, J.N. and J.T. Heinen. 1999. Conservation and development perspectives on the management of conservation areas in Nepal. *Program and Abstracts: 13th Annual Meeting of the Soc. for Cons. Biol.* 13:81 (Abstract).
- Heinen, J.T. 1999. CITES. pp 95-97 *In* Alexander, D. E. and R.W. Fairbridge (Eds). *Encyclopedia of Environmental Sciences*. Dordrecht, The Netherlands: Kluwer Academic Publishers.
- Heinen, J.T. 1999. The Ramsar Convention. pp 502-504 *In* Alexander, D. E. and R.W. Fairbridge (Eds). *Encyclopedia of Environmental Sciences*. Dordrecht, The Netherlands: Kluwer Academic Publishers.
- Heinen, J.T. 1999. Wildlife Conservation. pp 701-704 *In* Alexander, D. E. and R.W. Fairbridge (Eds). *Encyclopedia of Environmental Sciences*. Dordrecht, The Netherlands: Kluwer Academic Publishers.
- Heinen, J.T. 1999. The World Heritage Convention. pp 706-707 *In* Alexander, D. E. and R.W. Fairbridge (Eds). *Encyclopedia of Environmental Sciences*. Dordrecht, The Netherlands: Kluwer Academic Publishers.
- Heinen, J.T. 1996. Teaching endangered species management. *Endangered Species UPDATE* 13(10&11):7.
- Heinen, J.T. 1996. Human behavior, incentives, and protected areas management. 10th Annual Meeting, Society for Conservation Biology. *Supplement to the Bulletin of the Ecological Society of America* 77(3):191 (Abstract).
- Heinen, J.T. and B. Leisure. 1995. Progress on monitoring and abating the illegal fur trade in Nepal. *Program and Abstracts: 9th Annual Meeting of the Society for Conservation Biology* 9:48 (Abstract).
- Heinen, J.T. 1994. Agenda for sacred forests. Kathmandu: Resources - Nepal. *Habitat Himalaya Newsfile* 2(1):2-4.
- Heinen, J.T. 1993. Behavioral anti-predator strategies in newly-metamorphosed American toads in response to predation risk by eastern garter snakes. *Dissertation Abstracts* 53(11B).
- Sharik, T.L., R.H. Ford, and J.T. Heinen. 1986. On the use of an age sequence of stands to determine successional patterns in pine-hardwood forests of northern lower Michigan. *Bulletin of the Ecological Society of America* 66(2):269 (Abstract).
- Heinen, J.T., R.A. Mead, and J.L. Smith. 1982. Site specific maps of juxtaposition and interspersions. pp. 660-664 *In* *In Place Resource Inventories*. Washington, DC: Society of American Foresters.
- Heinen, J.T. and R.A. Mead. 1981. Inventory of wildlife habitat from color aerial photography for Cobb Island, Virginia. pp. 39-44 *In* *The Eighth Biennial Color Workshop*. Bethesda, MD: Am. Soc. Photogrammetry.

#### Editorial letters:

- Heinen, J.T. 2021. Letters to the Editor: A Dash of Blue. *The Miami Herald* January 10, 2021.
- Heinen, J.T. 2020. Letters to the Editor: The Long Hall. *The Miami Herald*, December 8, 2020.
- Heinen, J.T. 2018. Letters to the Editor: Blame Game. *The Miami Herald*, April 15, 2018.
- Heinen, J.T. 2018. Letters to the Editor: Trump Country. *The Miami Herald*, January 18, 2018.
- Heinen, J.T. 2017. Letters to the Editor: People in Need. *The Miami Herald*, September 27, 2017.
- Heinen, J.T. 2017. Letters to the Editor: Trump and Statues. *The Miami Herald*, August 27, 2017.
- Heinen, J.T. 2017. Letters to the Editor: Trump's Speech. *The Miami Herald*, March 2, 2017.
- Heinen, J.T. 2016. Letters to the Editor: Sanders Supporters. *The Miami Herald*, April 15, 2016.
- Heinen, J.T. 2016. Letters to the Editor: No to Condoleezza. *The Miami Herald*, March 13, 2016.
- Heinen, J.T. 2016. Letters to the Editor: Clinton Divisive? *The Miami Herald*, January 2, 2016.

- Heinen, J.T. 2015. Letters to the Editor: Calling Cruz 'Birthers'. *The Miami Herald*. March 30, 2015.
- Heinen, J.T. 2014. Letters to the Editor: Prevent Medicare Fraud. *The Miami Herald*, January 10, 2014.
- Heinen, J.T. 2012. Letters to the Editor: Mad in Miami. *The Miami Herald*, November 10, 2012.
- Heinen, J.T. 2012. Letters to the Editor: Unfit for Office. *The Miami Herald*, May 7, 2012.
- Heinen, J.T. 2012. Letters to the Editor: GOP Illogic. *The Miami Herald*, January, 13, 2012.
- Heinen, J.T. 2011. Letters to the Editor: A Stacked Deck. *The Miami Herald*, November 10, 2011.
- Heinen, J.T. 2010. Letters to the Editor: State of South Florida Sounds Like a Good Idea. *The Miami Herald*, May 31, 2010.
- Heinen, J.T. 2009. Letters to the Editor: Not a Majority. *The Miami Herald*, September 13, 2009.
- Heinen, J.T. 2009. Letters to the Editor: Obama is a Citizen! *The Miami Herald*, August 5, 2009.
- Heinen, J.T. 2009. Letters to the Editor: The Role of Religion. *The Miami Herald*, February 1, 2009.
- Heinen, J.T. 2008. Letters to the Editor: Who has the Qualifications? *The Miami Herald*, December 30, 2008.
- Heinen, J.T. 2008. Letters to the Editor: Hail to the Chief? *The Economist*, November 15-21, 2008.
- Heinen, J.T. 2008. Letters to the Editor: Catholic Views. *The Miami Herald*, November 21, 2008.
- Heinen, J.T. 2007. Letters to the Editor: People in irreplaceable African sites. *Biological Conservation* 140 (3-4): 2007.

**Technical Reports and Documents, etc. (gray literature):**

- Burton, J. et al. (~25 contributing authors). 2009. *IUCN Regional Conservation Strategy for Wild Cattle and Buffalo in Southeast Asia*. IUCN – The World Conservation Union. 50 pp.
- Heinen, J.T. 2007. *Program Review Report for the Department of Environmental Studies*. Report to the College of Arts and Sciences Dean's Office and Academic Affairs, Florida International University. 25 pp + appendices.
- Heinen, J.T. 2007. *Final Report of the Environmental Sciences Research Intern Program*. Report to NOAA Environmental Entrepreneurship Program, Washington, DC. 15 pp.
- Heinen, J.T. 2006. *Fourth Performance Report for the Environmental Science Research Intern Program*. Report to NOAA Environmental Entrepreneurship Program, Washington, DC. 13 pp.
- Heinen, J.T. 2005. *Third Performance Report for the Environmental Science Research Intern Program (ESRIP) at FIU*. Report to NOAA Environmental Entrepreneurship Program, Washington, DC. 12 pp.
- Heinen, J.T. 2005. *The Final Report of the Florida International University Environmental Studies Video Acquisitions Project*. Report to the Board of the Knapp Foundation. 8 pp.
- Heinen, J.T. 2004. *First Annual and Second Performance Report for the Environmental Science Research Intern Program (ESRIP) at FIU*. Report to NOAA Environmental Entrepreneurship Program, Washington, DC. 10 pp.
- Heinen, J.T. and R.C. Kandel. 2004. *A Census and Conservation Action Plan for Wild Buffalo in Nepal*. Report to the Department of National Parks and Wildlife Conservation and IUCN – Nepal Program, Kathmandu, 24 pp.
- Heinen, J.T. 2004. *First Performance Report for the Environmental Science Research Intern Program (ESRIP) at FIU*. Report to NOAA Environmental Entrepreneurship Program, Washington, DC. 15 pp.
- Heinen, J.T. 2003. *Conservation Research and Education Partnership (CREP) between FIU and IOF*. Consultancy Report to the Dean and Faculty of the Institute of Forestry, Pokhara Campus, Nepal. 20 pp.
- Heinen, J.T. and R. Shrivastava. 2001. *Buffer Zone Management and Large Mammal Conservation in Kaziranga National Park, Assam, India*. Final Report to the National Geographic Society, Washington, DC. 12 pp.
- Heinen, J.T. and G.R. Singh. 2000. *A Census and Translocation Recommendations for Wild Buffalo in Kosi Tappu Wildlife Reserve, Nepal*. Report to the Department of National Parks and Wildlife Conservation, Kathmandu. 32 pp.
- Heinen, J.T. 2000. *American Fulbright Senior Scholar Final Report*. Report to the Council on International Exchange of Scholars, Washington, DC, and USIA, Bishkek, Kyrgyzstan. 20 pp.

- Heinen, J.T. 1998. *Site Assessment of Kuiburi National Park, Thailand, and its Newly-proposed Elephant Sanctuary*. Report to the International Fund for Animal Welfare and the Government of Thailand. 22 pp.
- Heinen, J.T. 1998. *Proposals for Research and Monitoring Wildlife Populations and Important Habitats in the Protected Area System of Nepal*. National Biodiversity Action Plan. Report to UNDP, Kathmandu. 42 pp.
- Sah, J.P., S.K. Sah, V. Lance and J.T. Heinen. 1998. *Assessment of Industrial Pollution in the Narayani River, Nepal*. Report to the Department of National Parks and Wildlife Conservation, Kathmandu. vii + 58 pp.
- Yonzon, P.B. and J.T. Heinen. 1997. *Nepal's Biodiversity and Protected Areas: The 1997 Protected Areas Management Workshop*. National Biodiversity Action Plan. Report to UNDP, Kathmandu. 73 pp.
- Heinen, J.T. 1996. *The Final Report of the Florida International University Environmental Studies Library Acquisitions Project*. Report to the Board of the Knapp Foundation. 10 pp.
- Heinen, J.T. 1995. *Request for Authorization to Implement a Master of Science in Environmental Studies*. Report to the Dean of Arts and Sciences, FIU, Miami, and the FL Board of Regents. 54 pp.
- Heinen, J.T. 1995. *Feasibility Study Findings and Request for Authorization to Plan a Master of Science in Environmental Studies*. Report to the Dean of Arts and Sciences, FIU, and the FL Board of Regents. 142 pp.
- Baden, J., G. DiZerega, and J.T. Heinen. 1994. *Biology, Ecology, and Policy: A New Paradigm for a Sustainable Future*. Report to the Board of the Foundation for Research in Economics and the Environment, Seattle. 242 pp.
- Heinen, J.T. 1992. *Behavioral Anti-predator Strategies in Newly-metamorphosed American Toads in Response to Predation Risk by Eastern Garter Snakes*. PhD Dissertation, The University of Michigan, Ann Arbor. iv + 124 pp.
- Heinen, J.T. 1988. *Final Report of the Kosi Tappu Wild Buffalo/Human Interaction Project*. Report to the Department of National Parks and Wildlife Conservation and USAID, Kathmandu. 15 pp.
- Heinen, J.T. 1988. *Final Report for the 1988 Chitwan Tour Guide Training Program*. Report to Peace Corps/Nepal and the Department of National Parks and Wildlife Conservation, Kathmandu. 10 pp.
- Heinen, J.T. and J. Sutter. 1988. *The Chitwan Tour Guide Trainer's Manual*. Instructional Manual, Peace Corps/Nepal and the Department of National Parks and Wildlife Conservation, Kathmandu. 26 pp.
- Heinen, J.T. 1987. *Interim Report of the Kosi Tappu Wild Buffalo/Human Interaction Project*. Report to the Department of National Parks and Wildlife Conservation and USAID, Kathmandu. 20 pp.
- Heinen, J.T., B. Kattel, and J.N. Mehta. 1987. *National Park Administration and Wildlife Conservation in Nepal*. Report to the Department of National Parks and Wildlife Conservation, Kathmandu. 96 pp.
- Heinen, J.T. 1985. *A Basic Course in Remote Sensing for Nepal*. Instructional Manual, Tribhuvan University, Institute of Forestry, Pokhara Campus, Nepal. 105 pp. illustrated.
- Heinen, J.T. 1985. *A Proposed Training Program for Tour Guides in Chitwan National Park*. Report to Peace Corps/Nepal and the Department of National Parks and Wildlife Conservation, Kathmandu. 42 pp.
- Heinen, J.T. 1982. *Site- and Species-specific Wildlife Habitat Assessment*. MS Thesis and Remote Sensing Research Report 82-3. Virginia Tech, Blacksburg, VA. iv + 85 pp. illustrated.
- Heinen, J.T. and R.A. Mead. 1982. *The Application of Site- and Species-specific Wildlife Habitat Analysis*. Remote Sensing Research Report 82-2. Virginia Tech, Blacksburg, VA. 83 pp. illustrated.
- Congalton, R.G., R.A. Mead, R.C. Oderwald, and J.T. Heinen. 1981. *Analysis of Forest Classification Data*. Remote Sensing Research Report 81-1. Virginia Tech, Blacksburg, VA. 85 pp. illustrated.

## University Service (Committees, etc.):

### Faculty Committees and Programs Chaired:

- Director, Biodiversity Conservation and Management Certificate. 2011-present.
- Search Committee for Lecturer in Environmental Policy. 2018.
- Faculty Advisor for Sigma Alpha Lambda. 2018

Faculty Senate Nature Preserve Committee, 2005–2010. University-wide.  
Council of Chairs. Vice President, 2004-2005. College-wide.  
Department Chairperson. 2002-2008. Environmental Studies.  
United Way Ambassador, 2002-2008. Environmental Studies.  
Human Resources Committee. 2000-2002. Environmental Studies.  
Director of Graduate Studies. 1996-1999. Environmental Studies.  
Search Committee for Physical Geography. 1997-1998. Environmental Studies.  
Faculty Advisor. 1996-1998; 2001-2002. Students for Environmental Action.  
Search Committee for the Departmental Chairperson. 1996-1997. Environmental Studies.  
Faculty Advisory Board. 1994-1996. Florida Public Interest Research Group (FPIRG).  
Graduate Program Planning. 1994-1996. Environmental Studies.  
Search Committee for Human Demography. 1994-1995. Environmental Studies.

**Faculty Committees and Programs Served:**

Human Resources Committee, Earth and Environment. 2015-present.  
Undergraduate Committee, Earth and Environment. 2014-2017.  
International Hurricane Center Advisory Board, 2006-2008. University-wide.  
Council of Chairs, 2002-2008. College-wide.  
Faculty Senate. 1998-1999; 2004-2006. University-wide.  
Steering Committee for Asian Studies Certificate. 2003-2008. College-wide.  
Sponsored Research Management Council. 2004-2006. University-wide.  
School of Science Task Force. 2005. College-wide.  
School of the Environment Exploratory Committee. 2005. College-wide.  
Tropical Biology Committee. 2000-2001. Departments of Biology and Environmental Studies.  
Curriculum Committee. 1998-1999. Department of Environmental Studies.  
Human Resources Committee. 1997-1999. Department of Environmental Studies.  
Pre-medical Evaluation and Advisement Committee. 1996-1999. College-wide.  
Steering Committee. 1995-1997. Masters in Environmental and Urban Systems, School of Design.  
Ecotourism Research Council. 1994-1997. University-wide.  
Search Committee for Economics and Policy (2 positions). 1993-1994. Environmental Studies.  
Environmental Council. 1993-1994. University-wide.

**Post-doctoral Fellows hosted/mentored:**

Dr. Cholpon Dyikanova, IREX Fellow from Kyrgyzstan, 2000-2001.  
Dr. Chinara Sadykova, Fulbright Fellow from Kyrgyzstan, 2001-2002.  
Dr. Gulnara Musuelieva, Fulbright Fellow from Kyrgyzstan, 2002-2003.

**Graduate Student Committees Chaired:** (all Environmental Studies unless otherwise noted)

**In progress:**

Echeverri, Erica. 2020-present (MS).  
Figueroa, Adrian. 2019-present (PhD, Co-chair with Hong Liu).  
Hazard, R. 2020-present (MS)  
Munguia, Steffanie. 2018-present (PhD).  
Tibor, D. 2020-present (MS).

**Completed with MS Thesis:**

Baral, Nabin. 2005 (MS). Conservation attitudes and forest products use in the western Terai of Nepal.  
Braddock, Kathryn. 2017 (MS). Case study of Little Traverse Conservancy, MI.  
Chitakel, Alex. 2011 (MS). Protected areas management in Zambia (joint with Peace Corps).  
Dongol, Yogesh. 2011 (MS). CITES implementation in Nepal.  
Edwards, Christopher. 2013 (MS. Co-chair with J. Rehage). Angler attitudes and species preferences in South Florida.  
Futerfas, Judith. 2003 (MS). Manatee conservation and no-wake zone boater compliance.  
Garcia-Lozano, Alejandro. 2014 (MS). On the operations of a marine fishing cooperative in Costa Rica.  
Guzman, Ana. 2016. (MS). Resident attitudes about Vieques National Wildlife Refuge, Puerto Rico.



King, Jill. 2002 (MS). Human interactions with over-wintering manatees.  
Koncza, Elisabeth. Biology, 1998 (MS). Impact of adult sex ratio on captive management of macaques.  
Kroloff, Emily. 2016 (MS. Co-chair with J. Rehage). A key informant approach to Bone fish declines in South Florida.  
Lemos, Ana. 2017 (MS). An estimate of the economics of crocodile tourism in Tarcoles, Costa Rica.  
McClintock, Edith. 2000 (MS). Ecotourism in a conservation area in Belize.  
Pollock, Jeri. 2000 (MS). Environmental values among freshmen.  
Roque, Alexis, 2011 (MS). Resident perceptions about Puerto Morelos National Park, Mexico.  
Shrestha-Acharya, Ranju. 2007 (MS). Non-timber forest products policy in Nepal.  
Shrivastava, Rahul. 2002 (MS). Park-people relations in Kaziranga National Park, India.  
Ter-Ghazaryan, Diana. 2004 (MS). Management of Issyk-kul Reserve, Kyrgyzstan, since Soviet transition.  
Timilsina, Nilesh. 2005 (MS). Forest degradation in lowland Nepal.

**Completed with MS Project (Environmental Studies non-thesis option):**

Abdo, Melissa. 2008 (MS). The importance of small urban protected areas for rare plant conservation.  
Alhale, Rockel. 2013 (MS). Volunteer programs in Broward County parks.  
Alonzo, Joaquin. 2009 (MS). Miami-Dade's Environmentally Endangered Lands Program.  
Barandiaran, Miguel. 2001 (MS). The pet trade in dendrobatid frogs.  
Cook, Geoff. 2004 (MS). Policy analysis of the Tortugas Ecological Reserve.  
Garis, Gregory. 2011 (MS). Florida's wildlife management lands and the Florida Forever program.  
Garcia, Karla. 2009 (MS). On the reintroduction of wolves in Yellowstone and North Carolina.  
Giannini, Helena. 2013 (MS). Miami-Dade's private EEL Covenant lands.  
Jennier, Jo-Ann. 2008 (MS). An evaluation of the South Florida multi-species recovery plan.  
Perez, Lazaro. 2008 (MS). Origins of Place Names in the Parks of South Florida.  
Matusik, Anthony. 2014 (MS). Ramsar implementation in Panama.  
Shapiro, Susan. 2011-present (MS). A community coalition for Biscayne Bay, FL.  
Smith, Jason. 2011 (MS). Off-road vehicle Policy on federal and state Public lands  
Temple, Sarah. 2013 (MS). A policy review of manatee recovery plans.  
Wilson, Kate. 2002 (MS). A review of the multi-species recovery plan for S. FL.  
Zulich, Victor. 2013 (MS). A policy review of sea turtle recovery plans.

**Graduate Student Committees Served:** (all Earth and Environment unless otherwise noted)

**In progress:**

Borrero, Haydee. 2014-present (PhD). Native orchid conservation and ecology.  
Bradbury, Mason. 2018-present (PhD). Landuse changes in around Biscayne Bay, FL.  
Castillo, Nicholas. 220-present (PhD). Contaminants in bonefish  
Farabaugh, Naomi. Biology. 2017-present (PhD). Shark conservation.  
Farah-Perez, Aldo. 2017-present (MS). Fish assemblages in the Andean Amazon.  
Fieldsend, Thomas. Biology. 2018-present (PhD). Genetics of an exotic gecko species in FL.  
Kays, Brenna, 2020-present (PhD). Environmental justice in Miami.  
Koi, Sandy. 2018-present (PhD). Effectiveness of native plantings in school yards for environmental education.

**Completed (PhD):**

Abdo, Melissa. Biology. 2017 (PhD). Floral diversity of an Indonesian island.  
Baber, Mathew. Biology. 2001 (PhD). Amphibian abundance patterns in temporary wetlands in South Florida.  
Baral, Nabin. Virginia Tech Forestry. 2009 (PhD). Resilience in Annapurna Conservation Area, Nepal.  
Britton, Michael. Biology. 2020 (PhD). Herpetofaunal metabolism along an Andean elevational gradient.  
Burkholder, Derek. Biology, 2012 (PhD). Trophic Interactions in Shark Bay, Australia.  
Cavazos, Kevin. 2019 (PhD). An economic assessment of Florida marine reserves.  
Diamond, Joshua. 2019 (PhD). Avifauna of small urban reserves in South Florida.  
Drey, Allen. Biology, 2003 (PhD). Biological control of *Meloleuca* in Florida.  
Dongol, Yogesh. Geography. 2014-2028 (PhD). The politics of conservation, space and identity.  
Eluvathingal, Lilly. Biology. 2016 (PhD). Anurans of Tea Plantation Landscapes in the Western Ghats, India.  
Linhoff, Luke. Biology. 2018 (PhD). Captive rearing and release of amphibians for conservation.  
Nowakowski, Justin. Biology, 2014 (PhD). Fragmentation and tropical herpetofauna.

Pant, Prabhakar. Civil and Environmental Engineering. 2009 (PhD). Mercury contamination.  
 Sah, Jay P. Biology, 2002 (PhD). Natural and human induced habitat change in lowland Nepal.  
 Sharp, Paul. Biology, 2008 (PhD). Parasitism by digenean parasites in gastropods in the Everglades.  
 Soti, Pushpa. 2013 (PhD) Earth and Environment. Biogeochemical aspects of the *Lygodium* invasion in Florida.  
 Thompson, Michelle. Biology. 2018 (PhD). Herpetofauna of western Costa Rica.  
 Trusty, Jennifer. Biology, 2004 (PhD). Plant conservation and evolution on Isla de Cocos, Costa Rica.  
 Whitfield, Steven. Biology, 2011 (PhD). Enigmatic Amphibian Declines at La Selva, Costa Rica.

#### Completed (MS or MA):

Barth, Lauren. 2014 (MS). Population dynamics and ecology of Key Largo wood rats.  
 Bietl, Christine, Latin American and Caribbean Studies. 2005 (MA). Ecotourism in Quintana Roo, Mexico.  
 Brashear, Cynthia. Biology. 1998 (MS). Environmental correlates of hawk migration in the Florida Keys.  
 Castillo, Dan. 2001 (MS). Population dynamics in managed feral cat colonies in Miami.  
 Chen, Megan. Biology. 1998 (MS). Herpetofaunal diversity and sampling methods in lowland Guyana.  
 Da Costa, Dionne. 2010 (MS). Marine protected areas economics in Tobago.  
 Combs, Christy. Biology. 1998 (MS). Call characteristics and body weight in *Hyla cinerea*.  
 Duffy, Brittany. 2016 (MS). Agro-forestry systems in Nicaragua.  
 Fiegel, Joe. 2008 (MS). Jaguar presence and distribution in southern Mexico.  
 Gandy, David. 2013 (MS). Exotic fish distribution in canals around the Everglades.  
 Griffon, Bryna. 2004 (MS). People in national parks: The Karen of Thailand.  
 Harris, Brittany. 2016 (MS). Effects of mosquito spraying on pollinator populations on Big Pine Key.  
 Hoffman, Christine. 2007. (MS). Geospatial mapping in the Mara River Basin, Tanzania.  
 Isola, Monica. Biology. 2011 (MS). *Hyla* Populations in Big Cypress National Preserve, FL.  
 Jacob, Sarah. Liberal Studies, 2012 (MA). Equality as an environmental and gender issue.  
 Ladd, Mark. 2011 (MS). Coral Reef monitoring protocols in Puerto Morelos National Park, MX.  
 Lopez, Diana, 2011 (MS). Behavior of the African Jewelfish: and Invasive fish in the Everglades.  
 Maccachero, Vivian. 2011. Biology (MS). Hylid assemblages in forest swaps at La Selva, CR.  
 Mathews, Michael, 2009 (MS). Assessment of Environmental Education Effectiveness.  
 Nelson, Brian. Biology. 1998 (MS). Sound localization in the Eastern Tohee.  
 Nieratka, Lindsey. 2011 (MS). Ecosystems services: Watersheds in Oaxaca, Mexico.  
 Okati, Jessica. 2012 (MS). Experiential learning: effects on environmental awareness.  
 Radachowsky, Jeremy. 2002 (MS). Biodiversity indicators in the Peten, Guatemala.  
 Reid, Kimesha, 2006 (MS). Economics of Montego Bay National Marine Park, Jamaica.  
 Rosselli, Alejandro. 2002 (MS). Aquatic habitat identification in Western Amazon.  
 Ruiz, Ana. 2019 (MS). On the decline of arapaima and its effects on rural Amazonian communities.  
 Schmit-Ryder, Jill. Biology, 2003 (MS). Nesting success in loggerhead turtles after exotic plant removal.  
 Watling, James. Biology, 2000 (MS). Reproductive phenology of frogs from Costa Rica.

#### Outside Service (Occasional Reviews; 1993-present):

##### Articles for 45+ Journals:

*Animals; Ambio; Applied Geography, Biodiversity and Conservation; Biotropica; Canadian Journal of Zoology; Conservation Biology; Conservation and Society; Contemporary Herpetology; Copeia; Ecological Modeling, Ecology and Society; Environment and History, Environmental Conservation; Environment, Development and Sustainability; Environmental Management; Geoforum; GeoJournal; Heliyon, Herpetologica; International Journal of Environmental Issues; Human Ecology; Journal of Ecological Anthropology; International Journal of Biodiversity; Journal of Environmental Management; Journal of Environmental Planning and Management; Journal of Geography and Regional Planning; Journal of Herpetology; Journal of Sustainable Tourism; Journal of Threatened Taxa; Land; Land Use Policy; Landscape Ecology; Landscape and Urban Planning; Ocean and Coastal Research; Oryx; Proceedings of the National Academy of Sciences; Regional Development; Society and Natural Resources; Southeastern Naturalist; Sustainability; The Herpetological Journal; Ursus; Wildlife Conservation, Wildlife Society Bulletin, World Development.*

**Book Reviews for 17+ Journals:** (see pages 7 - 9 for citations)

*American Scientist, Biological Conservation, Conservation Biology; Ecology; Endangered Species UPDATE; Environmental Practice; Forest Ecology and Management; Illahee; Interdisciplinary Studies in Literature and the Environment, International Environmental Affairs; Journal of Asian Studies, Journal of International Wildlife Law and Policy; Natural Areas Journal; New Scientist; Population and Environment; Society & Natural Resources; The Environmental Professional.*

**Book and Book Prospectus Reviews for 10 Publishers:**

Blackwell Scientific; William Brown; Cambridge University Press; Harper Collins; Kumarian Press; Oxford University Press; Prentice Hall; Rowman and Littlefield, Sinaur; Springer-Verlag.

**Grant Proposals for 9 funding agencies:**

NOAA Hollings Scholarship Program, Council on International Exchange of Scholars (CIES)  
Fulbright Specialist Reviewer for Environmental Sciences; Florida Non-game Wildlife Program;  
National Geographic Society; National Fish and Wildlife Foundation; Natural Environmental Research Council of Great Britain; The Wildlife Institute of India; The Israeli Academy of Sciences, WWF - Nepal.

**Project Proposals and Documents for 5 Organizations:**

CITES - Secretariate for the Convention on International Trade in Endangered Species.  
IUCN - The World Conservation Union Nepal and Asia Regional Programs.  
UNDP - The United Nations Development Program/Nepal.  
USAID - The United States Agency for International Development/Nepal.  
WWF - World Wildlife Fund Nepal Program.

**Invited Lectures, Seminars, Meetings and Workshops (1993-present):**

- 2020: National Conference on Zoology: Biodiversity in a Changing World, Oral Presentation, Kathmandu, Nepal.
- 2019: Third Global Conference on Plant Biology and Biotechnology, Oral Presentation. Singapore.
- 2018: Keynote Speaker, Third International Conference on Mountains in a Changing World, Kathmandu, Nepal
- 2016: Ecological Society of America annual conference. Poster Session. Fort Lauderdale, FL.  
Int'l Trop. Botany and Pine Rocklands Conf. Oral Presentation, Fairchild Botanical Gardens, Miami, FL.
- 2015: Association for Tropical Biology Annual Meeting. Agroecology and Conservation, Honolulu.
- 2013: FIU/Colombia University Conservation Curriculum Partnership, Invited Speaker, Bogota, Colombia.
- 2009: Guangxi International Orchid Conservation Symposium, Invited Speaker. Leye, Guangxi, China.
- 2008: Third Annual Himalayan Policy Research Conference, Session Chair. Madison, WI.  
Stetson University Law College Guest Lecturer. St. Petersburg, FL.  
Centennial of the University of Michigan Biological Station, Field Trip Leader. Pellston, MI.  
Regional Strategic Conservation Workshop for Wild Cattle in Asia, Panelist. Hanoi, Viet Nam.  
Animal Law Society Guest Speaker, FIU Law College. Miami, FL
- 2007: Second Annual Himalayan Policy Research Conference, Session Chair. Madison, WI.  
9<sup>th</sup> Int'l Wildlife Law Conference. Invited Panelist. Stetson Law College, Gulfport FL.  
Department of Environment and Society Guest Speaker. Utah State University, Logan UT.
- 2006: First Annual Himalayan Policy Research Conference. Session Chair. Madison, WI.  
Auburn University School of Forestry and Wildlife Guest Speaker, Auburn, AL.
- 2005: Oak Ridge Institute for Science and Education. NOAA Hollings Scholars Panelist Review. DC.
- 2004: NOAA Educational Partnership: Education and Science Forum. Invited Participant. New York, NY.  
8th International Wildlife Law Conference. Invited Panelist. Tulane Law School, New Orleans, LA.
- 2003: Academy for Educational Development Proposal Workshop. Participant. DC.  
National Fish and Wildlife Foundation and World Wildlife Fund – US. Participant. DC.  
The Institute of Forestry Guest Seminar Speaker, Pokhara, Nepal.

- 2001: Wildlife Institute of India. Faculty Seminar Speaker. Dehra Dun, Uttaranchal, India.  
Miami-Dade Community College. Center for Environmental Ethics Seminar Speaker. Miami, FL.  
Florida International University. Southeast Environmental Research Center Seminar Speaker, Miami, FL.
- 2000: University of Hawaii/East-West Center. Visiting Research Fellows Seminar Speaker. Honolulu, HI.  
Florida International University 'Plant Talk' Speaker. Department of Biology. Miami, FL.
- 1999: Fulbright Conference for Eastern Europe and former Soviet Union Participant. Washington, DC.  
State University of New York. Department of Biology Seminar Speaker. Albany, NY.  
University of Michigan. Seminar Speaker in People and Protected Areas. Ann Arbor, MI.  
Soros Foundation Conference on Ecology and Education Speaker. Issuk-kul Lake, Kyrgyzstan.  
South Dade Leadership Council. Guest Speaker. Miami, FL.
- 1998: Florida International University. Greening of the College of Education Seminar Speaker. Miami, FL.
- 1997: Dept. of Nat'l Parks and Wildl. Cons. Moderator, Park Management Workshop. Kathmandu, Nepal.  
Auburn University. Department of Zoology and Wildlife Biology Seminar Speaker. Auburn, AL.
- 1996: American Peace Corps 35th Anniversary Conference. Nepal Working Group Speaker. Washington, DC.  
Univ. of Maryland. Sustainable Development and Conservation Seminar Speaker. College Park, MD.
- 1995: Arizona State University. Society for Conservation Biology - State Chapter Speaker. Tempe, AZ.  
University of California. Division of Environmental Studies Seminar Speaker. Davis, CA.  
Colorado State University. The Wildlife Society (student chapter) Speaker. Ft. Collins, CO.
- 1994: Cambridge University. Department of Biological Anthropology Seminar Speaker. Cambridge, UK.  
Norwegian Institute for Nature. Seminar Series Speaker. Trondheim, Norway.  
Virginia Tech. Department of Fisheries and Wildlife Sciences Seminar Speaker. Blacksburg, VA.  
Nepal Forum for Environmental Journalists. Symposium on Wildlife Trade Speaker. Kathmandu.  
School for Field Studies - Nepal Program. Guest Lecturer. Kathmandu.  
Tri Chandra College. Faculty Development Seminar Speaker. Kathmandu.  
Institute of Forestry. Guest Lecturer. Pokhara, Nepal.  
Florida Atlantic University. Department of Biology Seminar Speaker. Boca Raton, FL.
- 1993: Fairchild Tropical Gardens. Research Seminar Speaker. Miami, FL.  
Florida International University. Department of Biology Seminar Speaker. Miami, FL.