

ROBERT H. WINTHROP
+1 202-744-2701 • rwinthro@umd.edu

PROFESSIONAL INTERESTS

Environmental anthropologist with broad training in the social sciences and forty years of practical experience in addressing complex problems of socio-environmental systems. Specific interests and research experience include:

- community-based climate mitigation strategies
- human rights and environmental justice
- participatory environmental governance
- social impact assessment for energy and natural resource projects
- American Indian rights and interests
- global political economy

Current project: *Climate and Cultural Choice: Strategies for Social Innovation* (book manuscript in development). Examines informal / traditional social practices involving self-reliance, place attachment, or material restraint to support social innovation for more effective climate change mitigation.

PROFESSIONAL EXPERIENCE

Senior Social Scientist (2002 - 2017). USDI Bureau of Land Management, 20 M Street SE, Washington, DC. Socioeconomics Program lead, with responsibility for the application of economics, anthropology, and other social sciences to understand the human effects of land, energy, and natural resource decisions from northern Alaska to the Mexican border. This involved applied research, policy development, technology transfer, and training, as well as engagement with numerous resource-dependent communities and local, state, tribal, and federal government entities across the western United States.

Principal, Cultural Solutions. Ashland, Oregon (1982 - 2000). Provided applied ethnography, social impact assessment, and conflict resolution, primarily concerning American Indian rights, interests, and indigenous knowledge as affected by energy and natural resource development.

ACADEMIC EXPERIENCE

Research Professor (2016 - present). Adjunct Professor, Associate Research Professor (2008 - 2015), Department of Anthropology, University of Maryland, College Park.

Associate Professorial Lecturer (2001 - 2002), Department of Anthropology, The George Washington University, Washington, D.C.

Adjunct Professor (1987 - 2000). Visiting Assistant Professor, (1982 - 1986). Department of Sociology and Anthropology, Southern Oregon University, Ashland, Oregon.

EDUCATION

M.I.P.P. (Master of International Policy and Practice), Elliott School of International Affairs, The George Washington University, Washington, DC, 2002. International relations, economics, business and public policy.

Ph.D. in Anthropology, University of Minnesota, Minneapolis, 1981. Research: tradition and innovation in Catholic monasticism. **M.A. in Anthropology**, 1977. Supporting field: South Asian Studies.

B.A. in Anthropology (honors), University of California, Berkeley, 1972.

ADVISORY PANELS

External Advisory Board, National Socio-Environmental Synthesis Center (NSF-funded research center), University of Maryland, Annapolis, MD, 2018 - 2019.

Social Science Coordinating Committee, U.S. Global Change Research Program, Washington, DC, 2014 - 2017. The committee's role is to strengthen use of the social sciences in federal climate change research.

Subcommittee on Ecological Systems, Committee on Environment, Natural Resources, and Sustainability, U.S. National Science and Technology Council, Washington, DC, 2013 - 2016.

SELECTED PRESENTATIONS

Presentation: "Social Dimensions of Climate Change Mitigation." Washington Association of Professional Anthropologists, May 2, 2023, online. https://www.youtube.com/watch?v=QN-RV_dF4Fs.

Invited presentation: "Implementing Ecosystem Based Management." *Social Science Component of Ecosystem-Based Management*. National Academies, Committee on Offshore Science and Assessment. Washington, D.C. (virtual). March 3, 2023.

Invited presentation: "Social Vulnerability to Climate Change." *Climate Resilient Pathways and Social Science Research to Actions*. National Academies, Board on Environmental Change and Society, Washington, DC, February 7, 2019. URL: <https://vimeo.com/322038292>.

Presentation: "Building Theory from Practices: Design Principles Underlying Culturally Reflexive Stewardship." *Boundary Spanning: Advances in Socio-Environmental Systems Research*, National Socio-Environmental Synthesis Center, Annapolis, MD, June 2018. URL: <https://osf.io/ae8jy/>.

Invited presentation: "Valuing Conservation: Social and Institutional Challenges." *Economic Valuation of Conservation-based Ecosystem Services: a Workshop*. Council on Food, Agricultural, and Resource Economics; USDA Office of Environmental Markets. Washington, DC, July 2015.

Invited presentation: *Symposium -- Valuing the Environment for Decision-Makers*. International Congress for Conservation Biology, Baltimore, Maryland, July 2013.

Invited panelist: *Integrating Social and Behavioral Energy Research Activities*. American Academy of Arts and Sciences, Washington, DC, November 2012.

Invited presentation: "Strengthening Participation and Transparency in Culturally Appropriate Development." Provincial government of Kwa-Zulu Natal, Pietermaritzburg, South Africa; University of Durban-Natal, Durban, South Africa, 1998.

Invited session organizer: "American Indian Environmental Management Systems." *International Conference on Creativity and Innovation at Grassroots for Sustainable Resource Management*. Indian Institute of Management, Ahmedabad, India, 1997. <http://www.iccig.org/iccig-1/>.

BOOKS

Dictionary of Concepts in Cultural Anthropology, New York: Greenwood Press, 1991 (sole author).

Culture and the Anthropological Tradition, Lanham, MD: University Press of America, 1990 (editor).

SELECTED PUBLICATIONS

Entries: Cultural Services; Decision Support Systems. Haddad, Brent M., and Barry D. Solomon. 2023. *Dictionary of Ecological Economics: Terms for the New Millennium*. Cheltenham (UK) and Northampton (US): Edward Elgar.

Rethinking Benefit-Cost Analysis (Forum). *Issues in Science and Technology* 38 (3), 2022 (online).
<https://issues.org/rethinking-benefit-cost-analysis-helgeson-li-forum/>.

Explaining Differential Vulnerability to Climate Change: A Social Science Review. *Wiley Interdisciplinary Reviews: Climate Change* 10(2): e565, 2019.
<https://wires.onlinelibrary.wiley.com/doi/10.1002/wcc.565>. (co-author)

Culturally Reflexive Stewardship: Conserving Ways of Life. Angela M. Labrador and Neil A. Silberman, eds., *The Oxford Handbook of Public Heritage Theory and Practice*. Oxford University Press, 2018.

Ecosystem-Service Assessment: Research Needs for Coastal Green Infrastructure. Coastal Green Infrastructure and Ecosystem Services Task Force. Washington, DC, National Science and Technology Council, 2015 (co-author).

The Strange Case of Cultural Services: Limits of the Ecosystem Services Paradigm. *Ecological Economics* 108:208-214, 2014.

From Global Change Science to Action with Social Sciences. *Nature Climate Change* 4:656-659, 2014 (co-author).

Trade Liberalization and Culture. *Global Economy Journal* 14(1):57-78, 2014 (co-author).

A Comparative Assessment of Decision-Support Tools for Ecosystem Services Quantification and Valuation. *Ecosystem Services* 5:27-39, 2013 (co-author).

Comparing Approaches to Spatially Explicit Ecosystem Service Modeling: A Case Study from the San Pedro River, Arizona. *Ecosystem Services* 5:40-50, 2013. (co-author).

Environment and Resources. Riall W. Nolan, ed., *A Handbook of Practicing Anthropology*, Malden, MA: Wiley-Blackwell, 2013, pp. 266-277.

Defining a Right to Culture, and Some Alternatives. *Cultural Dynamics* 14 (2):161-83, 2002. Exploring Cultural Rights: An Introduction. *Cultural Dynamics* 14 (2):115-20, 2002 (Issue editor, Cultural Rights and Indigenous Identity in the Americas).

Resource Stewardship by Middle Columbia Tribes of the American Pacific Northwest. Darrell Posey, ed., *Cultural and Spiritual Values of Biodiversity* (London: Intermediate Technology Press for the U.N. Environmental Program), 1999.

Persistent Peoples: Mechanisms of Cultural Survival in Southern Oregon and Northwestern California. Nan Hannon and Richard K. Olmo, eds., *Living with the Land: the Indians of Southwest Oregon* (Medford: Southern Oregon Historical Society), 1990.

Fogs of Darkness and Other Deceits: Monastic Tradition and Cultural Context in an Eleventh Century Cluniac Manuscript. In R. Winthrop, ed., *Culture and the Anthropological Tradition*, 1990.

REVIEWS (Recent)

IPCC, 6th Assessment Report, WG III (Mitigation). IPBES (Intergovernmental Platform on Biodiversity and Ecosystem Services), Values Assessment Report. *Weather, Climate and Society*.

ETHNOGRAPHIC RESEARCH

North American Indian communities: applied / environmental studies, 1984 - 2000.

Benedictine monasteries (North America), 1977 - 1978.