

ANDREW P. VAYDA

Education

Columbia University, B.A., Ph.D. (Anthropology)

Academic Appointments

Rutgers University, Professor II (Anthropology and Ecology), 1972-2002, Distinguished Professor Emeritus, 2002- ; Columbia University (Assistant, Associate, and Full Professor [Anthropology]), 1960-1972; University of British Columbia (Lecturer), 1958-1960.

Visiting Appointments (pre-2010) at University of Bergen, Norway; Leiden University, Netherlands; City University of New York; University of Indonesia (Jakarta), Padjadjaran University, Mulawarman University, all in Indonesia; University of Zürich, Switzerland; University of Hawaii; University of Colorado.

Recent Visiting Appointments (for teaching 2-7 week seminar courses on causal explanation and research methodology): University of Indonesia, October-November 2010, May 2011; University of Arizona, January-February 2011; University of Palangka Raya (Indonesia), August-September 2011; Oxford University, October 2011; Australian National University and Monash University (Australia), November 2012.

Adjunct Professorships (Current) at Monash University and University of Indonesia.

Non-academic Appointments and Consultancies (Selected)

South Dakota State University peat-fire project; Indonesia-Australia Forest Carbon Partnership (IAFCP); Center for International Forestry Research (CIFOR) (currently Senior Research Associate); World Wide Fund for Nature-Indonesia Programme; United Nations Development Programme, Jakarta; Ford Foundation, Jakarta; East-West Center, Honolulu; United Nations Man and Biosphere Program; U.S. Agency for International Development.

Research Projects (Selected)

Research on interactions of human and bio-physical causes of fires in Central Kalimantan peatlands, 2010- ; research on causes and management of forest fires in Indonesia, 1998, 2000-2002; research on "Bugis Settlers in East Kalimantan's Kutai National Park: Their Past and Present and Some Possibilities for Their Future," 1996; research on "The Construction, Transmission, and Application of Agro-Ecological Knowledge by Javanese Rice Farmers" (project planner and research supervisor), 1990; research on "Shifting Cultivation and Patch Dynamics in an Upland Forest in East Kalimantan, Indonesia" (project director), 1982-84; research on "Interactions between People and Forests in East Kalimantan, Indonesia" (project director), 1979-82; feasibility studies in human ecology, China (Yunnan), 1998, Indonesia (Borneo, Sumatra, Timor, Java, Sulawesi, and Papua), 1976, 1977, 1978, 1981, 1983, 1984, 1990, 1992, 1993, 1998, 2001, 2002, Nepal, 1998, Northern Thailand, 2004, West Malaysia, 1975; research on the human ecology of the New Guinea rainforest, 1962-63, 1966.

Board Memberships (Current)

Editorial board member, *Anthropological Theory*, Borneo Research Council Publications, *Forests, Human Ecology*, and *International Journal of Indonesian Studies*; founding board member, Association for Fire Ecology of the Tropics.

Some Publications since 1983 (Selected from a Total of More than 100 Articles and Books)

- 2014 “Against Spiritual Ecology: Reply to Sponsel’s Comments,” Human Ecology, Vol. 42, No. 5, pp. 803-805.
- 2014 Review of Leslie E. Sponsel’s Spiritual Ecology: A Quiet Revolution, Human Ecology, Vol. 42, No. 2, pp. 347-348.
- 2013 “Causal Explanation for Environmental Anthropologists,” in Environmental Anthropology: Future Directions, H. Kopnina and E.S. Ouimet, eds., London, Routledge, pp. 207-224 (explication of effects-to-causes methodology and its application to interdisciplinary research on tropical forest fires; preprint available at: https://www.academia.edu/4404792/Causal_Explanation_for_Environmental_Anthropologists).
- 2012 “Rejoinder to Lansing and de Vet” [on the lack of evidence to support claims of a traditional Balinese system for rice-field pest control], Human Ecology, Vol. 40, No. 3, pp.469-470.
- 2011 “Author Response,” reply to five reviews of my 2009 book that were, along with my reply, published in Dialogues in Human Geography, Vol. 1, No. 3, pp. 370-389.
- 2011 Causal Explanation for Social Scientists: A Reader, co-edited with Bradley B. Walters, AltaMira Press, Lanham, MD (see Paul Robbins’s review in *Human Ecology*, vol. 40, pp. 657-659, summarizing “Vayda’s causal agenda”).
- 2011 “Introduction: Pragmatic Methods and Causal-History Explanations” (with Bradley B. Walters), pp. 1-21 in the reader noted above.
- 2011 “Confirmation Bias in Consequence Explanations,” pp. 281-284 in the reader noted above (empirical and methodological arguments against J.S. Lansing’s consequence-explanation of the evolution of a Balinese agro-ecological system).
- 2011 “Dos and Don’ts in Interdisciplinary Research on Causes of Fires in Tropical Moist Forests: Examples from Indonesia,” pp. 287-304 in the reader noted above.
- 2010 “Explaining Indonesian Forest Fires: Both Ends of the Firestick,” in Human Ecology: Contemporary Research and Practice, D.G. Bates and J. Tucker, eds., Springer, New York, chap. 1 (pp. 17-35).
- 2009 Explaining Human Actions and Environmental Changes, a book of essays on explaining concrete events and engaging in explanation-oriented research on human actions and the environmental changes caused by them, AltaMira Press, Lanham, MD (see Endre Nyerges’s review in *Human Ecology*, vol. 38, pp. 711-713, for a summary of the book’s contents and arguments).
- 2009 “Event Ecology, Causal Historical Analysis, and Human-Environment Research” (with Bradley B. Walters), Annals of the Association of American Geographers, Vol. 99, No. 3, pp. 534-553.

- 2008 "Causal Explanation as a Research Goal: A Pragmatic View," in Against the Grain: The Vayda Tradition in Human Ecology and Ecological Anthropology, B.B. Walters, B.J. McCay, C.P. West, and S. Lees, eds., AltaMira Press, Lanham, MD, pp. 317-367.
- 2006 "Causal Explanation of Indonesian Forest Fires: Concepts, Applications, and Research Priorities," Human Ecology, Vol. 34, No. 5, pp. 615-635.
- 2006 "Slash and Burn and Fires in Indonesia: A Comment" (with Luca Tacconi), Ecological Economics, Vol. 56, No. 1, pp. 1-4.
- 2004 "Doing and Knowing: Questions About Studies of Local Knowledge" (with Bradley B. Walters and Indah Setyawati), in Investigating Local Knowledge: New Directions, New Approaches, A. Bicker, P. Sillitoe, and J. Pottier, eds. London: Ashgate Publishing, pp. 35-58.
- 1999 Finding Causes of the 1997-98 Indonesian Forest Fires: Problems and Possibilities. Jakarta: World Wide Fund for Nature (WWF) - Indonesia. 53 pp.
- 1999 "Against Political Ecology" (with Bradley B. Walters), Human Ecology, Vol. 27, No. 1, pp. 167-179.
- 1998 "Anthropological Perspectives on Tropical Deforestation? A Review Article," Anthropos, Vol. 93, No. 2, pp. 573-579.
- 1997 "Managing Forests and Improving the Livelihoods of Forest-Dependent People: Reflections on CIFOR's Social Science Research in Relation to Its Mandate for Generalisable Strategic Research." CIFOR Working Paper No. 16. Jakarta: Center for International Forestry Research (CIFOR) (http://www.cifor.org/publications/pdf_files/WPapers/WP-16.pdf).
- 1996 Methods and Explanations in the Study of Human Actions and Their Environmental Effects. A CIFOR/WWF Special Publication. Jakarta: Center for International Forestry Research (CIFOR). 44 pp. (http://www.cifor.org/publications/pdf_files/books/spubs/sp-methods.pdf).
- 1996 Bugis Settlers in East Kalimantan's Kutai National Park: Their Past and Present and Some Possibilities for Their Future (with Ahmad Sahur). A CIFOR Special Publication. Jakarta: Center for International Forestry Research (CIFOR). 54 pp. (http://www.cifor.org/publications/pdf_files/SPubs/SP-Kutai.pdf).
- 1995 "Failures of Explanation in Darwinian Ecological Anthropology: Parts I and II," Philosophy of the Social Sciences, Vol. 25, No. 2, pp. 219-249, and No. 3, pp. 360-375.
- 1994 "Actions, Variations, and Change: The Emerging Anti-Essentialist View in Anthropology," in Assessing Cultural Anthropology, R. Borofsky, ed., New York, McGraw-Hill, pp. 320-330.
- 1991 "Concepts of Process in Social Science Explanations" (with Bonnie J. McCay and Cristina Eghenter), Philosophy of the Social Sciences, Vol. 21, No. 3, pp. 318-331.

- 1989 "Exploitation in Southeast Asia" (article on forest exploitation and its consequences, with Kuswata Kartawinata and Timothy C. Jessup), in Tropical Rain Forest Ecosystems, Part B, H. Lieth and M.J.A. Werger, eds., Amsterdam, Elsevier, pp. 591-610.
- 1989 "Explaining Why Marings Fought," Journal of Anthropological Research, Vol. 45, No. 2, pp. 159-177.
- 1987 "Explaining What People Eat: A Review Article," Human Ecology, Vol. 15, No. 4, pp. 493-510.
- 1984 "Forest Conversion in East Kalimantan, Indonesia: The Activities and Impact of Timber Companies, Shifting Cultivators, Migrant Pepper Farmers, and Others" (with Kuswata Kartawinata), in Ecology in Practice, F. di Castri, F.W.G. Baker, and M. Hadley, eds., Dublin, Tycooly, Pt. 1, pp. 98-126.
- 1983 "Patterns of Resource Use and Human Settlement in Tropical Forests" (with Christine Padoch), in Tropical Rain Forest Ecosystems, Part A: Structure and Function, F.B. Golley, ed., Amsterdam, Elsevier, pp. 301-313.
- 1983 "Progressive Contextualization: Methods for Research in Human Ecology," Human Ecology, Vol. 11, No. 3, pp. 265-281 (also in East-West Center reprint series).

In Preparation

"Confusions about Causes in Studies of Peat Fires in Indonesia: Implications for Interdisciplinarity and Policy-Making" (tentative title), with others.

"Progress and Problems in Doing Interdisciplinary Research on the Causes of Peat Fires in Central Kalimantan, Indonesia" (tentative title), with others.

Answering Why-Questions: Methodology and Explanation in Social Science and Human Ecology (tentative title), a book expanding and updating my 2009 book's chap. 1 on "Causal Explanation as a Research Goal: Dos and Don'ts."