

**Positions:**

Professor (emerita), Department of Anthropology, University of North Carolina-Chapel Hill  
27599-3115 USA

**Current:**

- Executive Director, Integrated History and Future of People on Earth (IHOPE), Department of Archaeology and Ancient History, Uppsala University, Uppsala, Sweden
- Visiting Professor, Centre for Biodiversity, Swedish University of Agricultural Sciences (SLU), Uppsala, Sweden

**Contact:**

Postal Address: Lill-Jans Plan 2, Stockholm 11425 Sweden

Telephone: +46 (0)73.720.9024

Email: [crumley@unc.edu](mailto:crumley@unc.edu)

**Education:**

B.A. (1966) University of Michigan (Ann Arbor), in anthropology, with minors in geology and classics.

M.A. (1967) University of Calgary (Alberta, Canada), in archaeology. Thesis: *The Kantzler Site: A Multicomponent Manifestation of the Woodland Pattern*. Advisor: Richard S. MacNeish. Thesis published, 1973.

Ph.D. (1972) University of Wisconsin (Madison), in anthropology, with a minor in ecology. Dissertation: *Celtic Social Structure: The Generation of Archaeologically Testable Hypotheses from Literary Evidence*. Advisors: Chester S. Chard, Paul MacKendrick. Dissertation published, 1974.

**Language Skills:**

**Fluent:** French

**Conversational:** Spanish, Italian

**Reading :** Latin, Greek

**Current Research Interests:**

Complex adaptive systems in the social sciences; "Two Cultures" (science/humanities) problems in inter- and trans-disciplinary research; integrated global- to local-scale historical ecology; historical climate change; evolution of landscapes; social inequality; social memory.

**Offices, Panels, Journals, and Boards:**

**International**

- |           |   |
|-----------|---|
| 1999-2006 | Vice Chairman, U.S. National Committee, International Union for Archaeological and Ethnological Sciences (IUAES).   |
| 2000-2006 | Member, Scientific Steering Committee, Past Global Changes (PAGES), a Core Project of the International Geosphere-Biosphere Programme (IGBP).   |
| 2000-2006 | Member, U.S. National Committee of DIVERSITAS (links activities of the International Geosphere-Biosphere Programme (IGBP), International Council of Scientific Unions (ICSU), United Nations Educational, Scientific, and Cultural Organization (UNESCO), Scientific Committee on the Protection of the Environment (SCOPE), and the International Union of |

- Biological Sciences (IUBS).
- 2004 Founding Member, Integrated History and Future of People on Earth (IHOPE).
- 2005-2011 Member, Scientific Steering Committee for the Analysis, Integration and Modeling of the Earth System (AIMES), a Core Project of the IGBP.
- 2006, May Member, Scientific Review Panel for MISTRA, a Swedish Foundation for Environmental Research.
- 2007-2009 Member of the Board, Stockholm Resilience Centre, Stockholm, Sweden.
- 2010-2012 Advisory Board, Integrated Assessment Society.
- 2010-2012 Member, European Science Foundation COST Task Force (RESCUE) on the humanities, the social sciences, and the environment.
- 2011-2015 Outside Expert Reviewer, Appointments and Promotions, Departments of Archaeology and Ancient History, Uppsala University (Sweden) and Department of Anthropology, Stockholm University (Sweden).
- 2012-2013 European Research Council Evaluation Panel, European Commission.
- 2012-2014 Scientific Advisory Panel, IGBP *Welcome to the Anthropocene*.
- 2008-present Member (Sweden) of The European Agricultural Research Initiative (EURAGRI), the European Commission.
- 2009-present Executive Director, IHOPE International Project Office, Uppsala, Sweden.

#### ***National (USA)***

- 1989-91 Nominations Committee, American Anthropological Association (AAA).
- 1991-95 AAA Task Force on Anthropology and the Environment, which became the Anthropology & Environment Society, AAA.
- 1991-1998 Planning Group, Committee for National Institute for the Environment (CNIE), now National Council for Science and Environment (NCSE).
- 1993-1997 National Advisory Council and Southeastern Coordinator, CNIE.
- 1995-1997 Chair, National Academic Advisory Committee, CNIE.
- 1995-98 Committee for Research on Global Environmental Change, Social Science Research Council (SSRC).
- 1997-1999 President, Anthropology & Environment Society, a Section of AAA.
- 1997-2000 Secretary, American Anthropological Association.
- 2001 Member, National Science Foundation Site Review Team, Long-Term Ecological Research (LTER) Central Arizona-Phoenix (CAP).
- 2002-2005 Executive Board, AAA (Archaeology seat).
- 2005-2007 Member, Long Term Ecological Research (LTER) NSF Planning Grant Committee.
- 2012-2015 Member, Presidential Global Climate Change Task Force, American Anthropological Association.

#### ***Journals and Series***

- 1997-2005 Series Editor, with William Balée, Columbia University Press series in *Historical Ecology*.
- 2002-2006 Editorial Board, *Environmental History*.
- 2003 Editorial Board, for the *Encyclopedia of World Environmental History*.
- 2012 Editorial Board, *Reviews in Anthropology*.

- 2003-present Editorial Board, *Journal of Ecological Anthropology*.  
 2007-2016 Series Editor, with William Balée, Left Coast Press series *Frontiers in Historical Ecology*.  
 2016-present Series Editor, with William Balée, Routledge Press series *Frontiers in Historical Ecology*.

### ***Selected Reviews and Evaluations***

Journals: *Human Ecology*, *Ecology & Society*, *Bioscience*, *J. of Human Ecology*, *Sustainability*, *Science Magazine*, *Quaternary International*, *American Anthropologist*, *Current Anthropology*, *J. of Archaeological Science*, *J. of the Royal Anthropological Institute (MAN)*, *International J. of Environmental Research and Public Health*, *J. Environmental Science and Engineering*, *PAGES News*, *Ambio*. Funding Organizations: European Research Council, U.S. National Science Foundation, German Research Foundation, Swiss National Science Foundation, Canada Council, Oxford University Press, Routledge Press, University Press of Florida, Fulbright Fellowships, Leverhulme Trust, European Science Foundation. Academic Institutions (recent): Stockholm University, Uppsala University, Swedish University of Agricultural Sciences.

### **Fellowships, Leaves, Special Awards:**

- 1970 Ford Foundation Fellowship, University of Wisconsin-Madison, spring and fall.  
 1982 Kenan Leave of Absence (fall), UNC-Chapel Hill.  
 1995 Kenan Leave of Absence (spring), UNC-Chapel Hill. \$4000. stipend.  
 1995 UNC-CH Anthropology Department competitive leave (fall).  
 1997 Senior Fulbright Fellowship, Université de Franche-Comté, Besançon, France (spring).  
 2000 Visiting Fellow, Santa Fe Institute (March).  
 2000 UNC-CH Anthropology Department competitive leave (fall).  
 2002 Squeaky Wheel Award, Committee on the Status of Women in Anthropology, American Anthropological Association.  
 2002 Robert L. Stigler Award. University of Arkansas, Fayetteville AK.  
 2004 Senior Fulbright Fellowship, Centre Archéologique Européen du Mont Beuvray, Glux-en-Glenne, France (spring).  
 2007 UNC-CH Anthropology Department competitive leave (fall).  
 2008 Graduate Mentor Award, Frank Porter Graham Honor Society, UNC-CH.  
 2008 Wilmer Kuck Borden Fellow, UNC-CH Institute for the Arts and Humanities (fall).  
 2010 Nomination for the 2011 Holberg International Memorial Prize, Norway  
 2011 PhD. *honoris causa*, Uppsala University.  
 2011 Johan August Wahlberg Gold Medal, 2011, awarded by the Swedish Society for Anthropology and Geography (SSAG).

### **Grants:**

- 1962-66 Argus Cameras, Inc., Ann Arbor, Michigan. Four-year tuition scholarship.  
 1964-66 NSF Undergraduate Research Program, Museum of Anthropology, University of Michigan.  
 1966 NSF educational grant (\$1400 U-M undergraduate archaeology prize) to Israel.  
 1975 NSF research grant SOC75-13874 "The Spatial Analysis of Acculturation: Celtic Systems of Settlement." \$29,600.  
 1976 NSF research grant SOC76-12007 "Spatial Aspects of Continuity and Change."

- \$35,000.
- 1977 NSF research grant (renewal) SOC76-12007-A01 \$40,100.
- 1978 Center for Field Research (Earthwatch) grant, for fieldwork, \$7400.
- 1978 University of North Carolina Research Council grant VP091, "Support for Soils Chemistry Lab." \$450.
- 1979 UNC Research Council grant VP153, "Spatial Aspects of Continuity and Change: Analysis of Plant Remains." \$1,000.
- 1979 UNC Research Council grant VC899, "Feasibility Study: Proposed Franco-American Research Liaison in Archaeological Aerial Photography." \$700.
- 1980 National Endowment for the Humanities research grant, "Spatial Aspects of Continuity and Change." \$37,609.
- 1980 UNC Research Council grant VC939, "The Analysis of Archaeological Settlement at the Regional Scale: An Application of Satellite Imagery." \$1000.
- 1981 UNC Research Council grant VP318, "Analysis of Archaeological Settlement: Low Level Aerial Photography." \$900.
- 1981 National Endowment for the Humanities grant to edit Regional Dynamics volume. \$2,500.
- 1982 UNC Research Council grant VP481, "Spatial Aspects of Continuity and Change: Burgundy from the Iron Age to the Present." \$1,500.
- 1982 UNC Research Council grant to edit Regional Dynamics volume. \$1,500.
- 1984 Wenner-Gren Foundation travel grant to Hallstatt Conference, Veszprem, Hungary. \$1500.
- 1985 Endowment Committee for Scholarly Publications, Artistic Exhibitions and Performances, UNC; publication assistance for Regional Dynamics. \$1,000.
- 1985 NSF research grant BNS85-07475, publication assistance for Regional Dynamics. \$18,200.
- 1986 NSF United States-France Cooperative Science Program to collaborate in remote sensing and archaeology at the United Nations Environment Programme, Global Resource Information Database (UNEP-GRID) in Geneva and at the CNRS Geophysics Institute, Garchy, France. NSF INT-8614319, \$12,750.
- 1986 National Geographic Society grant "Remote Sensing Applications to Regional Archaeological Survey" \$10,000.
- 1987 UNC-CH University Research Council grant to facilitate transportation in NGS research, \$1000.
- 1992 International Research and Exchange of Scholars travel grant to Czechoslovakia, \$1350.
- 1992 UNC-CH University Research Council grant for fieldwork in France, \$1500.
- 1994 National Endowment for the Humanities grant for fieldwork in France, \$118,000.
- 1994 UNC-CH University Research Council grant "Gardening as a Risk-Reducing Strategy in Periods of Environmental Instability," to analyze ethnobotanical remains, \$1875.
- 1995 Authorized extension of 1994 NEH grant.
- 1998 FLAS Course Development Award (French).
- 1999 UNC-CH University Research Council grant, \$3100.
- 1999 UNC-CH Center for European Studies travel grant, \$1000.
- 2003 UNC-CH Center for European Studies travel grant for Burgundy. \$3000.
- 2003 UNC-CH University Research Council grant "Investigating Long-Term Social and

- Environmental Change” \$4000.
- 2004 UNC-CH Partners’ Fund grant, \$5000.
- 2005 UNC-CH research award, \$3200.
- 2005 UNC-CH Faculty Complexity Seminar co-leader, \$1500. (With Sue Goodman).
- 2006 UNC-CH Center for European Studies travel grant, \$1500.
- 2006 UNC-CH Faculty Seminar leader, \$1500.
- 2006 Robertson UNC-CH/Duke University Collaboration Grant in Complex Systems Science, \$2500.
- 2011 Stockholm Resilience Centre research award, 180,000 SEK.
- 2012 Stockholm Resilience Centre IHOPE workshop award, 100,000 SEK.
- 2013 Sustainable futures for Europe’s HERitage in CULtural landscapES: Tools for understanding, managing, and protecting landscape functions and values (HERCULES) SME-targeted collaborative project of the European Research Council. PI: Tobias Plieninger. 2,994,550 €

### **Field Experience:**

- 1964 (May through August) excavation of Fort St. Joseph with Canadian Historic Sites Board, in Ontario.
- 1965 (May through August) excavation of Michigan Woodland sites with the University of Michigan Museum of Anthropology.
- 1966 (April-June) field director, University of Michigan excavation of Kantzler Site (master's thesis).
- 1966 (June-September) NSF-sponsored support in Israel at Qafzeh (Mousterian) with Bernard Vandermeersch, and Munhatta (Neolithic) with Jean Perrot.
- 1967 (May through August) stratigrapher, University of Kansas Paleolithic excavations at Le Malpas (southwestern France) with Anta Montet-White.
- 1969 (June through August) site architect for Princeton University expedition to the Greek and Roman site of Morgantina (Sicily).
- 1969 (September) excavation of Viking Dublin with Brendan O’Riordain (National Museum of Ireland).
- 1970 (September) excavation of Neolithic Dalladies long barrow in northern Scotland with Stuart Piggott (University of Edinburgh).
- 1972 (July-Aug) Celtiberian site survey, Spanish Levant.
- 1973 (July-August) excavation with the Centre National de la Recherche Scientifique (Paris), on the Celtic hillfort of Levroux, with Olivier Buchsenschutz.
- 1974 (August-September) survey and reconnaissance of La Tène III sites, Arroux Valley (Saône-et-Loire, France) in preparation for 1975 season.
- 1975-present:  
 Director of the French Project, an interdisciplinary research program in Burgundy (France) involving colleagues, students, and communities in collection, analysis, publication and dissemination of research.
- 1975 (June-August) director of the excavation of Mont Dardon (Saône-et-Loire)
- 1976 (June-August) director of the excavation of Mont Dardon and of aerial and site survey of the Arroux Valley
- 1977 (May-August) idem
- 1978 (June-August) director (with Walter E. Berry), Mont Dardon excavations
- 1979 (May-August) ethnography of Burgundian periodic markets

- 1980 (June-August) factors influencing contemporary settlement
- 1981 (June-August) Burgundian settlement
- 1982-86 writing and editing Regional Dynamics (1987).
- 1985 (July) collaborator (with Jason Dowdle and Laura Williams) on the video In the Shadow of the Past, shown fall, 1988, on Public Broadcasting System.
- 1987 (June-August) research in ethnoclimatology and remote sensing (with Joel Gunn and Scott Madry).
- 1988 (May-June) pedestrian archaeological survey of the communes of St. Nizier and St. Didier, Saône-et-Loire.
- 1989 (June) ethnographic fieldwork, Alamo meaning and history, San Antonio, Texas.
- 1989 (July-August) ethnographic research on "Two Cultures" problems, including extensive interviews with University of Wisconsin social and environmental scientists.
- 1991 (July) excavation of the Iron Age and Gallo-Roman site of La Grenouillère, at the request of the French government.
- 1992 (July) continued excavation of La Grenouillère.
- 1993 (June-August) ethnography, archaeological survey & archival studies, Commune of Uxeau (Saône-et-Loire).
- 1994 (June-August) project direction, ethnographic & archival research, Commune of Uxeau (Saône-et-Loire).
- 1995 (February-April and September-October) ethnographic & archival research, Commune of Uxeau (Saône-et-Loire).
- 1997 (April) archaeological survey (Arroux Valley, S-et-L.).
- 1998-present The Agricultural Durability project, an element of the larger French Project, combines ethnography, archaeology, architectural and documentary history, and historical ecology (including the biological, atmospheric, and physical sciences) to study *management practices and strategies employed in past sustainable landscapes* and identify viable solutions to contemporary problems.

**Teaching and Research Experience:**

- 1962-66 Assistant to the Curator, Kelsey Museum of Archaeology, University of Michigan, Ann Arbor.
- 1965-66 Archaeology Laboratory Coordinator, University of Michigan Museum of Anthropology, under NSF Undergraduate Participation Project
- 1966 Teaching Assistant, University of Calgary.
- 1966-67 Laboratory Instructor in Archaeology, University of Calgary.
- 1967-69 Teaching Fellow in General Anthropology, University of Wisconsin.
- 1972 Assistant Professor of Anthropology, Western Michigan University, Kalamazoo. (January-June)
- 1972-73 Assistant Professor of Anthropology, Washington University, St. Louis (visiting, replacing Patty Jo Watson)
- 1973-74 Assistant Professor, Anthropology, Carleton College, Northfield MN.
- 1974-77 Assistant Professor, Anthropology, University of Missouri, Columbia.
- 1977-79 Assistant Professor, Anthropology, University of North Carolina-Chapel Hill.
- 1979-90 Associate Professor, UNC-CH.
- 1989 Visiting Research Professor, Center for Climatic Research, Institute of

- Environmental Studies, University of Wisconsin, Madison (summer).  
 1990-present Professor, UNC-CH.  
 1995 Lyman Hooker Distinguished Visiting Professor, McMaster University, Hamilton, Ontario (Canada) (November).  
 1997 (spring) Visiting Professor, Université de Franche-Comté, Besançon (France).  
 2009-2012 Senior Researcher (Social Sciences) and Professor, Stockholm Resilience Centre, Stockholm University (Sweden).  
 2009-present Executive Director, Integrated History and Future of People and Earth (IHOPE).  
 2012-present Senior Researcher, Department of Archaeology and Ancient History, Uppsala University (Uppsala, Sweden), and Senior Researcher, Centre for Biodiversity, Swedish Agricultural University (Uppsala, Sweden).

### ***University of North Carolina***

#### ***University Committees:***

Faculty Grievance; Chancellor's Committee on University Affairs; Search Committee for Director, Institute for Research in the Social Sciences; Affirmative Action; College of Arts & Sciences Administrative Board; Appeals Committee; A&S Dean's Committee on Undergraduate Environmental Studies minor; Executive Board, Carolina Environmental Program; Search Committee Folklore Curriculum; Chair, Faculty Seminar on Complex Systems; Selection Committee, UNC-CH Junior Fulbright Scholars.

#### ***Departmental Committees and Positions:***

Outreach; Library; Colloquium; Affirmative Action (1980-86); Admissions (1986-1991; Director 1989-91); Director of Graduate Studies (1991-1994); Associate Chair (1991-1993); Awards (1996-2000); Archaeology Faculty Search Committees (1998, 1999); History and Memory Search Committee, chair (2001); Anthropology 10 Coordinator (2001-2004); Bioanth and Anth/Ecology Search Committees (2002-2003), Kenan Search Committee (2005-2006); Director of Undergraduate Studies (2004-2007).

#### ***PhDs in Anthropology (Committee Chair):*** [28]

Scott L. H. Madry (1983), Paul R. Green (1987), Christopher P. Toumey (1987), Linda France Stine (1989), Julia Hammett (1991), Rhea H. Rogers (1993), Susan E. Wallace (1995), R. Celeste Ray (1996), Linda Carnes-McNaughton (1997), V. Ann Tippitt (1997), Gerold F. Glover (1998), Eric C. Poncelet (1998), Sara E. Bon (1999), Alicia Wise (2000), Elizabeth A. Van Deventer (2001), Rachel J. Watkins (2004), Linda R. Danner (2005), Elizabeth A. Jones (2006), Katarina Laura Dominović (2007), Michael Scholl (2007), Daniel H. de Vries (2008), D. Seth Murray (2008), Michael O. Hartley (2009), Erik Johannesson (2011), Carol Lewald (2011), Ashley Carse (2011), William J. Meyer (2012), Richard Clay Stuart (2013).

***Curriculum in Ecology:*** Member of the Faculty (2004-2011)

***Curriculum in Folklore:*** Member of the Faculty (1977-2011)

***Curriculum in Medieval Studies:*** Member of the Faculty (2005-2011)

***Carolina Institute for the Environment (formerly Carolina Environmental Program):***

Faculty Advisory Committee (1997-2009); Fellow (2000-2009), Development and Building Committees (1997-1999); Chair, Environmental Studies Core Course Planning

Committee (1999), Complexity Focus Group Coordinator (2002-2009).

**Courses Offered:**

Introduction to Anthropology; History of Anthropology; Formation of the State; Ethnohistory; European Societies; Historical Ecology; Archaeology of Global Change; Archaeological Theory; Teaching Anthropology; Freshman Seminar and Graduate Seminar in Complex Systems.

***Other University Service to Students***

- 2009-12 Student mentor, Stockholm Resilience Centre, Stockholm University.  
2012-present Student & Faculty mentor, Centre for Biodiversity, Swedish University of Agricultural Sciences, and Student mentor, Uppsala University.  
2012 Doctoral committee member for Magnus Tuwendal, Department of Systems Ecology, Stockholm University, October 26.  
2013 Member of the Jury, doctoral defense of Dr. Raphael Mathevet, Centre d'Ecologie Fonctionnelle et Evolutive, UMR 5175, Université Montpellier 2. December 10.

***Civic Participation, Orange County, N.C.***

Solid Waste Task Force (1982-1984); Environmental Affairs Board (1984-1986); Rural Character Study Committee, a citizens' group charged by the County Commissioners with drafting conceptual guidelines for re-zoning the county (1987-1993); Shaping Orange County's Future (citizens' group appointed by Orange County Commissioners). SOCF Committee Assignments: Environment and Resource Protection, Transportation, and Infrastructure (1996-2001).

**Publications:**

***Books and Monographs***

- 1973 The Kantzler Site: A Multicomponent Manifestation of the Woodland Pattern. Double issue of the Michigan Archaeologist 19:3-4.  
1974 Celtic Social Structure: The Generation of Archaeologically Testable Hypotheses from Literary Evidence. University of Michigan Museum of Anthropology, Anthropological Papers, no. 54.  
1987 Regional Dynamics: Burgundian Landscapes in Historical Perspective. San Diego: Academic Press. **Carole L. Crumley** and William H. Marquardt, eds.  
1992 Historical Approaches to the Assessment of Global Climate Change Impacts. Editor. Washington: Committee for the National Institutes for the Environment.  
1993 Le Mont Dardon: Lieu de Culte, de l'Age du Fer au Moyen-Age. Bourgogne Archéologique, 13. Dijon: Les Amis du Dardon, le Ministère de la Culture (DRAC-Bourgogne), et le Conseil Général de Saône-et-Loire.  
1994 Historical Ecology: Cultural Knowledge and Changing Landscapes. Organizer, Editor, & Contributor, School of American Research Advanced Seminar. Santa Fe: School of American Research.  
1995 Heterarchy and the Analysis of Complex Societies. Robert M. Ehrenreich, **Carole L. Crumley**, and Janet E. Levy, eds. AP3A: Archaeological Papers of the American Anthropological Association, #6. Washington: American Anthropological Association.  
2001 New Directions in Anthropology and Environment: Intersections. Editor. Altamira Press/Rowman & Littlefield.



- 2007 The World System and the Earth System: Global Socio-Environmental Change and Sustainability since the Neolithic. Alf Hornborg and **Carole Crumley**, eds. Walnut Creek CA: Left Coast Press.
- 2017 (in press) Issues and Concepts in Historical Ecology. **Carole L. Crumley**, Tommy Lennartsson, and Anna Westin, eds. Cambridge: Cambridge University Press.

### *Articles*

- 1966 Field Geology of the Schmidt Site. Michigan Archaeologist 12:2.
- 1974 The Paleoethnographic Recognition of Early States: a Celtic Example. Festschrift issue of Arctic Anthropology, for Chester S. Chard, vol. II (supplement), pp. 254-260.
- 1976 Toward a Locational Definition of State Systems of Settlement. American Anthropologist 78(1) 59-73.
- 1977 Les Fouilles du Mont Dardon, 1976. La Physiophile 86:93-102.
- 1977 Reply to Smith. American Anthropologist 79(4): 906-908.
- 1978 Old World Archaeology, Science Year 1978, 232-234.
- 1978 Les Fouilles du Mont Dardon, 1977: Rapport Annuel. Echos du Passé 39:13-32. **Carole L. Crumley** and Walter E. Berry.
- 1979 Three Locational Models: An Epistemological Assessment for Anthropology and Archaeology. Michael B. Schiffer (ed.) Advances in Archaeological Method and Theory, pp. 141-173.
- 1979 Old World Archaeology, article for Science Year (1979), pp. 234-237.
- 1979 Les Fouilles du Mont Dardon, 1978: Rapport Annuel. Echos du Passé 41:17-40. **Carole L. Crumley** and Walter E. Berry).
- 1980 Les Fouilles du Mont Dardon, 1979: Rapport Annuel. Echos du Passé 43:1-27. **Carole L. Crumley** and Walter E. Berry.
- 1981 Comment, CA\* treatment article "Bronze Age Social Stratification" by Antonio Gilman. Current Anthropology Feb. 1981.
- 1983 Archaeological Reconnaissance at Mont Dardon, France. Archaeology 36(3):14-17,20.
- 1983 Signification d'une orientation régionale dans les études sur l'age du fer. John Collis, Alain Duval, and Robert Perichon (eds.) Le deuxième age du fer en Auvergne et Forez. St. Etienne/ Université de Sheffield, Centre d'Etudes Foreziennes, pp. 7-9.
- 1984 A Diachronic Model for Settlement and Land Use in Southern Burgundy. Kathleen Biddick (ed.) Archaeological Approaches to Medieval Europe. Kalamazoo: The Medieval Institute. pp. 239-243.
- 1984 Commentaire dans: Archeologie du Terroir: ruptures et continuité dans l'occupation des sols. Actes du Colloque de Chateauroux, 24-26 juin 1982. pp. 20,29,36,57,78,132,133. Chateauroux: Academie du Centre.
- 1985 Pattern Recognition in Social Science. Social Science Newsletter 70(3):176-79. Chapel Hill: Institute for Research in Social Science.
- 1985 La Grenouillère Perdue. Echos du Passé 54:6-9. **Carole L. Crumley** and Scott Madry.
- 1987 A Dialectical Critique of Hierarchy. Power Relations and State Formation, Thomas C. Patterson and Christine Ward Gailey, eds., pp. 155-168. Washington: American Anthropological Association.
- 1987 Regional Dynamics: Burgundian Landscapes in Historical Perspective. San Diego: Academic Press. **Carole L. Crumley** and William H. Marquardt, eds.  
Ch. 1: Theoretical Issues in the Analysis of Spatial Patterning, pp. 1-18. William H. Marquardt and **Carole L. Crumley**.

- Ch. 2: Environmental Setting, pp. 19-39. **Carole L. Crumley** and Paul R. Green.
- Ch. 4: Certain Factors Influencing Settlement during the Later Iron Age and Gallo-Roman Periods: The Analysis of Intensive Survey Data, pp. 121-172. **Carole L. Crumley**, W. H. Marquardt and Thomas L. Leatherman.
- Ch. 6: Historical Ecology, pp. 237-264. **Carole L. Crumley**.
- Ch. 9: Periodic Markets in Contemporary Southern Burgundy, pp. 335-359. **Carole L. Crumley**.
- Ch. 10: Feux Celtiques: Burgundian Festival as Performance and Process, pp. 361-385. **Carole L. Crumley** and William H. Marquardt.
- Ch. 13: Celtic Settlement before the Conquest: the Dialectics of Landscape and Power, pp. 403-429. **Carole L. Crumley**.
- Ch. 16: Regional Dynamics in Burgundy, pp. 609-623. **Carole L. Crumley** and William H. Marquardt.
- 1988 Prospection Archéologique dans les Communes de St. Nizier et St. Didier, Saône-et-Loire (France). Dijon: Compte-Rendu de la Direction des Antiquités Historiques, Circonscription de la Bourgogne. 58p.
- 1990 Landscape: A Unifying Concept in Regional Analysis. **Carole L. Crumley** and William H. Marquardt) Interpreting Space: GIS and Archaeology, eds. Kathleen M. Allen, Stanton W. Green, and Ezra B. W. Zubrow, pp. 73-79. London: Taylor & Francis.
- 1990 An Application of Remote Sensing and GIS in a Regional Archaeological Survey. Scott L. H. Madry and **Carole L. Crumley**. Interpreting Space: GIS and Archaeology, eds. Kathleen M. Allen, Stanton W. Green, and Ezra B. W. Zubrow, pp. London: Taylor & Francis.
- 1991 Global Energy Balance and Regional Hydrology: A Burgundian Case Study, Joel Gunn and **Carole L. Crumley**. Earth Surface Processes and Landforms, vol. 16:1-14.
- 1991 Region, Nation, History: Sacred Landscapes in the Druidic Presidency of Francois Mitterrand. Excursus, I(4):3-8. Chapel Hill: University of North Carolina Program in Religion.
- 1991 Un emploi des systèmes de télédétection et d'information géographique dans une analyse régionale de répartitions spatiales archéologiques. Scott L. H. Madry and **Carole L. Crumley**. Archéologues et Ordinateurs no. 17. Lettres d'Information, Centre de Recherches Archéologiques, no. 39. Paris: Centre Nationale de la Recherche Scientifique.
- 1992 Burgundians. Encyclopedia of World Cultures, vol. IV, Europe, pp. 46-48. Linda A. Bennett, ed. Boston: G. K. Hall & Co.
- 1993 Analyzing Historic Ecotonal Shifts. Ecological Applications 3(3):377-384.
- 1994 The Ecology of Conquest: Contrasting Agropastoral and Agricultural Societies' Adaptation to Climatic Change. Historical Ecology: Cultural Knowledge and Changing Landscapes, Carole L. Crumley, ed., pp. 183-201.
- 1995 Building an historical ecology of Gaulish polities. Celtic Chieftdom, Celtic State, Blair Gibson & Bettina Arnold, eds. Cambridge: Cambridge University Press, pp. 26-33.
- 1995 Foreword. Pre-Columbian Native Encounters: The Archaeology of the American Southeast, pp. xi-xiv. Michael S. Nassaney & Kenneth E. Sassaman, eds. Knoxville: University of Tennessee Press.
- 1995 Heterarchy and the Analysis of Complex Societies. Heterarchy and the Analysis of Complex Societies. Robert M. Ehrenreich, **Carole L. Crumley**, & Janet E. Levy, eds. Archaeological Papers of the American Anthropological Association no. 6, pp. 1-5. Washington: American Anthropological Association.

- 1995 Reading the Land: the Archaeology of Settlement and Land Use. Research Frontiers in Anthropology: Advances in Archaeology and Physical Anthropology, pp. 149-174. Melvin and Carol R. Ember, Series Editors.
- 1995 Toulon-sur-Arroux. Les Agglomérations Secondaires de Gaule Belgique et des Germanies, Atlas. Actes du colloque de Bliesbruck (1992). Michel Maerten and **Carole L. Crumley**. Tome I, p. 132.
- 1995 Historical Ecology: Finding Common Ground. Human Dimensions Quarterly, 1(3):6-8. Summer, 1995.
- 1995 Cultural Implications of Historic Climatic Change. Whither Archaeology? Papers in Honour of Evzen Neustupny. Martin Kuna and Natalie Venclova, eds., pp. 121-132. Praha: Institute of Archaeology, Academy of Sciences of the Czech Republic.
- 1996 Historical Ecology. Encyclopedia of Cultural Anthropology, pp. 558-560.
- 1997 A Dialectical Approach to Landscape. Carolina's Historic Landscapes: Archaeological Perspectives, pp. 23-27. Linda Stine and Christopher Judge, eds. Knoxville: University of Tennessee Press.
- 1998 Foreword. Advances in Historical Ecology, William Balée, ed., pp. ix-xiv. New York: Columbia University Press.
- 1998 Conclusion. Stefan Immerfall, Patrick Conway, **Carole Crumley**, and Konrad Jarausch, Territoriality in the Globalizing Society: One Place or None?, S. Immerfall, ed., pp. 173-204. Berlin: Springer-Verlag.
- 1998 Report on the Infrastructure, Management, and Work Environment of the Arlington, VA Office of the American Anthropological Association. Report to the AAA Executive Board.
- 1999 Sacred Landscapes: Constructed and Conceptualized. Archaeologies of Landscape: Contemporary Perspectives, Wendy Ashmore and Bernard Knapp, eds., pp. 269-276. Oxford: Blackwell.
- 1999 Aeduan Gaulish Economy and Society on the Eve of the Conquest: the Dialectics of Landscape and Power. Cuadernos de Arqueologia Mediterranea, special issue (Apen Ruiz editor) Encuentros Culturales y Expansiones Coloniales, 3:31-46 (1997). Barcelona: Editorial Ausa.
- 1999 The National Science Board, Social Science, and Environmental Research. Anthropology Newsletter 40(5): 42 (May).
- 2000 To Wit: Anthropology News 41(4) (April).
- 2000 From Garden to Globe: Linking Time and Space with Meaning and Memory. The Way the Wind Blows: Climate, History, and Human Action. Roderick McIntosh, Joseph A. Tainter, and Susan Keech McIntosh, eds., pp. 193-208. *Series in Historical Ecology*, William H. Balee and Carole L. Crumley, eds. New York: Columbia University Press.
- 2000 Historical Ecology. PAGES News of the International Paleoscience Community 8(3):8-9.
- 2001 Mont Dardon. Medieval Archaeology: An Encyclopedia, Pam J. Crabtree, ed., pp. 225-226; (with Elizabeth A. Jones). New York and London: Garland Publishing.
- 2001 Communication, Holism, and the Evolution of Sociopolitical Complexity. Leaders to Rulers: The Development of Political Centralization, Jonathan Haas, ed., pp. 19-33. New York: Plenum.
- 2002 Exploring Venues of Social Memory. Social Memory and History: Anthropological Perspectives, Jacob J. Climo and Maria G. Cattell, eds., pp. 39-52. New York: Bergin & Garvey.
- 2003 Alternative Forms of Societal Order. Heterarchy, Political Economy, and the Ancient Maya: The Three Rivers Region of the East-Central Yucatan Peninsula, Vernon L.

- Scarborough, Fred Valdez Jr., and Nicholas Dunning, eds., pp. 136-145. Tucson: University of Arizona Press.
- 2004 A Landscape Analysis of Western Europe during the Early Middle Ages. Joel Gunn, **Carole Crumley**, Elizabeth Jones, Bailey K. Young). The Archaeology of Global Change: The Impact of Humans on their Environment, Charles L. Redman, Steven R. James, Paul R. Fish, and J. Daniel Rogers, eds., pp. 165-185. Washington: Smithsonian Books.
- 2005 Remember How to Organize: Heterarchy Across Disciplines. Nonlinear Models for Archaeology and Anthropology, Christopher S. Beekman and William S. Baden, eds., pp. 35-50. Aldershot (Hampshire), UK: Ashgate Press.
- 2005 A Conceptual Template for Integrative Human-Environment Research. Global Environmental Change 15:299-307. Barry Newell, **Carole Crumley**, Nordin Hassan, Eric F. Lambin, Claudia Pahl-Wostl, Arild Underdal, and Robert Wasson.
- 2006 Archaeology in the New World Order: What We Can Offer the Planet. Space and Spatial Analysis in Archaeology. Elizabeth C. Robertson et al., eds., pp. 383-395. Tucson: University of New Mexico Press.
- 2007 Historical Ecology: Integrated Thinking at Multiple Temporal and Spatial Scales. The World System and The Earth System: Global Socio-Environmental Change and Sustainability Since the Neolithic. Alf Hornborg and Carole Crumley, eds., pp. 15-28. Walnut Creek CA: Left Coast Press.
- 2007 Climate, Complexity, and Problem Solving in the Roman Empire. With Joseph A. Tainter. Sustainability or Collapse? An Integrated History and Future Of People on Earth, Robert Costanza, Lisa J. Graumlich, and Will Steffen, eds., pp. 61-75. Boston: MIT Press.
- 2007 Group Report: Millennial Perspectives on the Dynamic Interaction of Climate, People, and Resources. Charles L. Redman, **Carole L. Crumley**, Fekri A. Hassan, Frank Hole, Joao Morais, Frank Riedel, Vernon L. Scarborough, Joseph A. Tainter, Peter Turchin, and Yoshinori Yasuda. Sustainability or Collapse? An Integrated History and Future Of People on Earth, Robert Costanza, Lisa J. Graumlich, and Will Steffen, eds., pp. 115-148. Boston: MIT Press.
- 2007 Heterarchy. International Encyclopedia of the Social Sciences, Second edition, volume 3, pp. 468-469. William A. Darity, Editor in Chief. Detroit: Macmillian Reference USA.
- 2007 Sustainability or Collapse: What Can We Learn from Integrating the History of Humans and the Rest of Nature? with Robert Costanza, Lisa Graumlich, Will Steffen, **Carole Crumley**, John Dearing, Kathy Hibbard, Rik Leemans, Charles Redman and David Schimel. Ambio 36(7):522-527.
- 2007 Notes on a New Paradigm. Socialising Complexity: Structure, Interaction and Power in Archaeological Discourse, Sheila Kohring and Stephanie Wynne-Jones, eds., pp. 30-36. Oxford: Oxbow Books.
- 2007 Evolution of the Human-Environment Relationship. Robert Costanza, Will Steffen, Kathy Hibbard, Rik Leemans, Lisa Graumlich, **Carole Crumley**, John Dearing, Charles Redman, and David Schimel. Encyclopedia of Earth. Cutler J. Cleveland, ed. Washington: National Council for Science and the Environment (NCSE).
- 2007 Burgundy through Space and Time. Scott Madry, Stephanie Renfrow, and **Carole Crumley**. Sensing Our Planet: National Aeronautics and Space Administration Earth Science Research Features: Annual Report, pp. 2-7.
- 2010 Comparing trajectories of climate, class, and production: an historical ecology of American yeomen. Michael Scholl, D. Seth Murray, and **Carole Crumley**. Environmental Social Sciences: Methods and Research Design. I. Vaccaro, E. A. Smith, and S. Aswani, eds., pp

- 322.348. Cambridge: Cambridge University Press.
- 2011 Preface. The Urban Mind: Cultural and Environmental Dynamics 2010. P.J.J. Sinclair, G. Nordquist, F. Herschend, and C. Isendahl, eds. *Studies in Global Archaeology* 15. Uppsala: African and Comparative Archaeology, Department of Archaeology and Ancient History, Uppsala University.
- 2011 Toward an integrated history to guide the future. Ecology and Society 16(4):2. S. Van der Leeuw, S., R. Costanza, S. Aulenbach, S. Brewer, M. Burek, S. Cornell, **C. L. Crumley**, J. A. Dearing, C. Downy, L. J. Graumlich, S. Heckbert, M. Hegmon, K. Hibbard, S. T. Jackson, I. Kubiszewski, P. Sinclair, S. Sörlin, and W. Steffen. 2011.
- 2011 The Anthropocene: From Global Change to Planetary Stewardship. Will Steffen, Åsa Persson, Lisa Deutsch, Jan Zalasiewicz, Mark Williams, Katherine Richardson, **Carole Crumley**, Paul Crutzen, Carl Folke, Line Gordon, Mario Molina, Veerabhadran Ramanathan, Johan Rockstrom, Marten Scheffer, Hans Joachim Schellnhuber, Uno Svedin. Ambio 0044-7447. Doi: 10.1007/s13280-011-0185-x.
- 2011 Historical Ecology: Using what Works to Cross the Divide. Atlantic Europe in the First Millennium BC: Crossing the Divide. William J. Meyer and **Carole Crumley**. Tom Moore and Lois Armada, eds. Oxford: Oxford University Press.
- 2012 Pálsson, Gísli, Bronislaw Szerzynski, Sverker Sörlin, John Marks, Bernard Avril, **Carole Crumley**, Heide Hackmann, Poul Holm, John Ingram, Alan Kirman, Mercedes Pardo Buendía, and Rifka Weehuizen. Reconceptualizing the ‘Anthropos’ in the Anthropocene: Integrating the social sciences and humanities in global environmental change research. Environmental Science and Policy <http://dx.doi.org/10.1016/j.envsci.2012.11.004>
- 2012 A Heterarchy of Knowledges: Tools for the Study of Landscape Histories and Futures. Resilience and the Cultural Landscape: Understanding and Managing Change in Human-Shaped Environments. T. Plieninger & C. Bieling (eds.), pp. 303-314. Cambridge: Cambridge University Press.
- 2012 Robert Costanza, Sander van der Leeuw, Kathy Hibbard, Steve Aulenbach, Simon Brewer, Michael Burek, Sarah Cornell, **Carole Crumley**, John Dearing, Carl Folke, Lisa Graumlich, Michelle Hegmon, Scott Heckbert, Stephen T. Jackson, Ida Kubiszewski, Vernon Scarborough, Paul Sinclair, Sverker Sorlin, and Will Steffen. Developing an Integrated History and future of People on Earth (IHOPE). Current Opinion in Environmental Sustainability 4:106-114.
- 2012 Leaving Home: How Can Historic Human Movements Inform the Future? Climate Change and Human Mobility: Global Challenges to the Social Sciences. Kirsten Hastrup and Karen Fog Olwig , eds., pp. 23-34. Cambridge: Cambridge University Press.
- 2012 Planetary Stewardship in an Urbanizing World: Beyond City Limits. Seitzinger, Sybil P., Uno Svedin, **Carole L. Crumley**, Will Steffen, Saiful Arif Abdullah, Christine Alfsen, Wendy J. Broadgate, Frank Biermann, Ninad R. Bondre, John A. Dearing, Lisa Deutsch, Shobhakar Dhakal, Thomas Elmqvist, Neda Farahbakhshadad, Owen Gaffney, Helmut Haberl, Sandra Lavorel, Cheikh Mbow, Anthony J. McMichael, Joao M. F. deMorais, Per Olsson, Patricia Fernanda Pinho, Karen C. Seto, Paul Sinclair, Mark Stafford Smith, Lorraine Sugar. AMBIO 41(8):787-794. DOI 10.1007/s13280-012-0353-7
- 2012 CA\* comment: Anarchism and the Archaeology of Anarchic Societies: Resistance to Centralization in the Coast Salish Region of the Pacific Northwest Coast. Bill Angelbeck and Colin Grier. Current Anthropology 53(5):570-571. DOI: 10.1086/667621
- 2013 The Archaeology of Global Environmental Change. Humans and the Environment: New Archaeological Approaches for the 21<sup>st</sup> Century. Davies, M.I. and F. Nkirete, eds. Oxford:

- Oxford University Press.
- 2013 Commentary on Huntington's *The Pulse of Asia: A Journey in Central Asia Illustrating the Geographic Basis of History*. Libby Robin, Sverker Sörlin and Paul Warde, eds., The Future of Nature: Documents of Global Change, pp. 121-133. New Haven and London: Yale University Press.
- 2013 Att söka i det förflutna efter ledtrådar till framtiden (Searching the Past for Clues to the Future). Miljöhistorier: Personliga, Lokala, Globala Berättelser om Dåtid, Nutid och Framtid (Environmental Stories: Personal, Local, Global Stories of Past, Present and Future), Anneli Ekblom & Michel Notelid eds., pp. 29-36. Uppsala: Uppsala University CSE and Institute of Archaeology and Ancient History.
- 2013 Bio-Cultural Refugia: Safeguarding Diversity of Practices for Food Security and Biodiversity. Stephan Barthel, **Carole Crumley**, and Uno Svedin. Global Environmental Change 23(5):1142-1152. <http://dx.doi.org/10.1016/j.gloenvcha.2013.05.001>
- 2013 Historical Ecology in Archaeology. Encyclopedia of Global Archaeology. Claire Smith, ed. New York: Springer, 3403-3409. DOI 10.1007/978-1-4419-0465-2
- 2013 Bio-cultural refugia: combating the erosion of diversity in landscapes of food production. Stephan Barthel, **Carole L. Crumley**, and Uno Svedin. Ecology and Society, 18(4)71.
- 2014 Innovative interdisciplinary protocol for understanding long-term landscape dynamics, based on the perspectives of historical ecology, landscape biography, and complex systems theory. **Carole L. Crumley**, Jan Kolen, Gert Jan Burgers, Kim von Hackwitz, Peter Howard, Krista Karro, Maurice de Kleijn, Daniel Löwenborg, Niels van Manen, Hannes Palang, and Anu Printsman. HERCULES: Sustainable futures for Europe's HERitage in CULTURAL landscapES: Tools for understanding, managing, and protecting landscape functions and values. [http://www.hercules-landscapes.eu/tartalom/HERCULES\\_WP2\\_D2\\_1\\_UU.pdf](http://www.hercules-landscapes.eu/tartalom/HERCULES_WP2_D2_1_UU.pdf)
- 2015 New Paths into the Anthropocene. Oxford Handbook of Historical Ecology and Applied Archaeology, Christian Isendahl and Daryl Stump, eds. Oxford: Oxford University Press.
- 2015 Exploring ecosystem-change and society through a landscape lens: recent progress in European landscape research. Plieninger, T., T. Kizos, C. Bieling, L. Le Dû-Blayo, M.-A. Budniok, M. Bürgi, **C. L. Crumley**, G. Girod, P. Howard, J. Kolen, T. Kuemmerle, G. Milcinski, H. Palang, K. Trommler, and P. H. Verburg. 2015. Ecology and Society 20(2): 5. <http://dx.doi.org/10.5751/ES-07443-200205>
- 2015 Biokulturell diversitet och dess värde för framtida matproduktion. (Bio-Cultural Diversity and its value for future food production). Biodiverse 3:33-35.
- 2015 A view from the past to the future: Concluding remarks on the 'The Anthropocene in the Longue Durée.' **Carole Crumley**, Sofia Laparidou, Monica Ramsey and Arlene Rosen. The Holocene 25(10):1721-1723. DOI: 10.1177/0959683615594473
- 2015 Heterarchy. Emerging Trends in the Social and Behavioral Sciences, R. Scott & S. Kosslyn, eds. New York: Wiley & Sons. DOI: 10.1002/9781118900772.etrds0158
- 2016 Historical Ecology. The Wiley Blackwell International Encyclopedia of Anthropology, Hilary Callan, (ed). New York: Wiley Blackwell.
- 2017 Anthropological contributions to historical ecology: 50 questions, infinite prospects. Armstrong CG, Shoemaker AC, McKechnie I, Ekblom A, Szabó P, Lane PJ, McAlvay, AC, Boles, OJ, Walshaw, S, Petek, N, Gibbons, KS, Morales, EQ, Anderson, EN, Ibragimow, A, Podruczny, G, Vamosi, JC, Marks-Block, T, LeCompte, JK, Awâsis, S, Nabess, C, Sinclair, P, **Crumley, CL**. PLoS ONE 12(2) doi:10.1371/journal.pone.0171883

### ***Book Reviews:***

- 1974 Review of Desmond Collins, et al., Background to Archaeology: Britain in its European Setting. American Anthropologist 76(3):665-666.
- 1975 Review of Duncan Norton-Taylor and the Editors of Time-Life Books, The Celts. American Anthropologist 78(2):480.
- 1986 Terra Amata and the Middle Pleistocene Archaeological Record of Southern France, by Paola Villa. American Antiquity 51 (1):183-184.
- 1986 Ancient France, 6000-2000 B. C.: Neolithic Societies and their Landscapes. Timothy Scarre (ed.). Archaeology 39(2):77.
- 1988 Peer Polity Interaction and Sociopolitical Change, Colin Renfrew & John Cherry, eds. American Antiquity, 53(2):429-430.
- 1988 The Pagan Celts, by Anne Ross, Celtic Britain, by Charles Thomas, and The Gods of the Celts, by Miranda Green. American Anthropologist.
- 1988 Landscape and Culture: Geographical and Archaeological Perspectives, J. M. Wagstaff, ed. Human Ecology.
- 1989 Climate: History, Predictability, Periodicity. Michael A. Rampino et al. Geoarchaeology 4(2):186-188 (with Joel Gunn).
- 1989 Farm Life in a Carolingian Village: A Model Based on Botanical and Zoological Data from an Excavated Site. W. Groenman-van Waateringe and L. H. van Wijngaarden-Baaker (eds.). Universiteit van Amsterdam, Albert Egges van Giffen Instituut voor Prae-en Protohistorie, Studies in Prae- en Protohistorie 1. Assen/Maastricht, The Netherlands and Wolfeboro, New Hampshire USA: van Gorcum. American Anthropologist.
- 1990 Villes, Villages et Campagnes de l'Europe Celtique. by Francoise Audouze et Olivier Buchsenschutz. Paris: Editions Errance. American Anthropologist 92(2):546-547.
- 1991 Puzzle Gaulois: Les Gaules in Memoire. Images - Textes - Histoire. by Monique Clavel-Levêque. Centre de Recherches d'Histoire Ancienne, Volume 88, Annales Littéraires de l'Université de Besançon, 396. Paris: Les Belles Lettres, 1989. Archaeology magazine.
- 1992 Landscape, Monuments and Society: The Prehistory of Cranborne Chase. John C. Barnett, Richard Bradley, and Martin Green. New York: Cambridge University Press, American Anthropologist 94(4):1012.
- 1994 Ethics, Religion and Biodiversity. Lawrence S. Hamilton, ed. Cambridge UK: The White Horse Press, 1993. BioScience 44 (11):776-777.
- 1996 Dominion. Niles Eldredge. New York: Henry Holt . Quarterly Review of Biology 71(4): 561-562.
- 1998 People and the Land through Time: Linking Ecology and History. Emily W. B. Russell. New Haven: Yale University Press. Environmental History 3(4):549-550.
- 2004 The Little Ice Age. Brian Fagan. New York: Basic Books (2001). American Antiquity 69(1):186-187.
- 2005 Cod: A Biography of the Fish that Changed the World. Mark Kurlansky. New York: Penguin (1998). Journal of Environmental History.
- 2013 The Archaeology and Historical Ecology of Small Scale Economies, Victor D. Thompson & James C. Waggoner Jr., eds. Gainesville: University Press of Florida (2013). Cambridge Archaeological Journal.

### ***In the Media***

- 2013 "Landscape, Climate, and Social Memory." Changing the Atmosphere column interview by Sarah Strauss, Anthropology News, January.
- 2014 What is Historical Ecology? HERCULES Project's Cultural Landscapes Blog, 24 July. [http://www.hercules-landscapes.eu/blog.php?what\\_is\\_historical\\_ecology&id=10](http://www.hercules-landscapes.eu/blog.php?what_is_historical_ecology&id=10)
- 2014 HERCULES –Sustainable futures for Europe's HERitage in CULtural landscapes <http://ihopenet.org/hercules-sustainable-futures-for-europes-heritage-in-cultural-landscapes/>
- 2017 Is Humanity Already Aboard a Planetary Titanic? An Interview with Carole Crumley. H el ene Ducros and Carole Crumley. EuropeNow: A Journal of Research and Art. Published online May 5, 2017. <http://www.europenowjournal.org/2017/05/02/an-interview-with-carole-crumley/>

### ***In Press***

- 2017 Issues and Concepts in Historical Ecology. **Carole L. Crumley**, Tommy Lennartsson, and Anna Westin, eds. Cambridge: Cambridge University Press.

### **Selected Invited Lectures, Seminars and Conferences**

*This list excludes annual unpublished papers on current research at meetings of the American Anthropological Association [1969-2006] and Society for American Archaeology [1967-2017].*

- 1980 "Signification d'une orientation r gionale dans les  tudes sur l'Age du Fer," presented at the Congr s de l'Age du Fer, Clermont-Ferrand (France) May 31.
- 1981 "Regional Change in Burgundy," Archaeological Institute of America Lecturer (1980-1981) to St. Catherine's and Ottawa, Canada, and Buffalo, N.Y.
- 1981 "Celtic Settlement before the Conquest: The Dialectics of Landscape and Power," 1981 Spring Conference of the Prehistoric Society, London, April 11.
- 1981 "A Diachronic Model for Settlement and Land Use in Southern Burgundy," 16th International Congress on Medieval Studies, Kalamazoo, Michigan, May 8.
- 1982 "Spatial Aspects of Continuity and Change: Burgundy from the Iron Age to the Present," Archaeological Institute of America Lecturer (1981-1982).
- 1982 "Rupture et Continuit  dans l'Occupation du Sol," Invited speaker to the Symposium Celtes et Gallo-Romans en Berry, Chateauroux (Indre, France) June 24-26.
- 1983 "Sacred and Secular Space: Burgundy from the Iron Age to the Present," Center for Archaeological Studies, Boston University.
- 1984 Conference on Remote Sensing in Archaeology: Potential for the Future, jointly sponsored by the National Science Foundation and the Earth Resources Laboratory (ERL), National Space Technology Laboratories (NSTL), National Aeronautics and Space Administration (NASA). NSTL, Ms. March 1-2.
- 1984 "Pattern Recognition in the Social Sciences," Institute for Research in the Social Sciences, University of North Carolina, April 3.
- 1984 "Regional Cultural and Ecological Analysis," Institute for International Development, Texas Technical University, August 7.
- 1984 Hungarian Academy of Sciences Colloquium on the First Iron Age (Hallstatt), Veszprem, Hungary 10-15 Sept.
- 1985 "Landscape and Cognition," Wake Forest University, March 21.
- 1985 Conference on Ecological Anthropology and Remote Sensing, jointly sponsored by the American Association for the Advancement of Science (AAAS) and the National Science



- Foundation. Washington, D.C. May 10-12.
- 1985 "Pattern Recognition in Social Science Research," Nag's Head Conference Center, N.C., June 8.
- 1985 "Regional Cultural and Ecological Analysis," Institute for International Development, Texas Tech University, August 8.
- 1985 Interviews for WFAE-Charlotte radio Archaeology: Discovering our Own Past.
- 1986 University Seminar on Global Habitability, sponsored by the Center for the Study of Global Habitability, Columbia University. New York, N.Y. Feb. 12.
- 1986 Office of Technology Assessment (OTA) Workshop Preserving Historic Landscapes for the U.S. Historic Preservation Act, February 27-28.
- 1986 "Regional Dynamics: Analytical Strategies for the Eighties," Departments of Anthropology and Geography, University of Texas-Austin, Sept 17.
- 1986 "Archaeology in Southeastern France," Dept. of Anthropology and Center for Archaeological Research, University of Texas-San Antonio, September 18.
- 1987 Training Course on Earth Resources Data Analysis System (ERDAS) at UNEP-GRID, Geneva, Switzerland, with a grant from the International Program, NSF, January.
- 1987 Symposium on Climate and People: Interdisciplinary Perspectives, Center for Climatic Research, University of Wisconsin-Madison, May 27-28.
- 1987 "La Prospection alentour du Bibracte." Base Archéologique du Mont Beuvray, July.
- 1987 "Burgundian Landscapes," Honigmann Memorial Lecture, Center for Shared Learning, Chapel Hill, Sept 25.
- 1987 Symbolic, Structural, and Semiotic Approaches in Archaeology, a conference sponsored by NSF (USA) and the Centre National de la Recherche Scientifique (CNRS) (Paris), at Indiana University, Bloomington, Indiana, October 6-10.
- 1989 "Archaeology and the Early Middle Ages: New Cultural and Historical Horizons," Loyola-Mellon Departments of History and Sociology/Anthropology, Loyola University, Chicago, April 13.
- 1989 "Applications of GIS and Remotely Sensed Data to Historical Landscape Ecology." Institute of Environmental Studies, Univ. of Wisconsin, Madison, July 13.
- 1989 European Conference on Landscape Ecological Impact of Climatic Change, sponsored by the European Economic Community and the Dutch government, Lunteren, Dec. 3-7.
- 1990 "Environmental Determinism: The Role of Western Philosophy and Nationalist Politics in the Assassination of Natural History" invited lecture, Center for African Studies, University of Florida, February 22.
- 1990 Invitation from the National Center for Atmospheric Research (NCAR) to represent the social sciences at the Third Symposium on Social Science in Resource Management, Texas A&M University, College Station, TX, May 16-19.
- 1990 Invited lecture, "The Global Threat of Disciplinary Ethnocentrism." Societal Aspects of Climatic Change, sponsored by the National Center for Atmospheric Research & NSF, Third Symposium on Social Science in Resource Management, Texas A&M (College Station), May 16-19.
- 1990 Organizer of Advanced Seminar on Historical Ecology, School of American Research, Santa Fe, N.M., October 13-19.
- 1991 "Landscape and GIS." National Center for Geographic Information Analysis, University of California, Santa Barbara, March 21-24.
- 1991 "Analyzing Historic Ecotonal Shifts." Ecotones in a Changing Environment: A Workshop on Ecotones and Global Change, UNESCO-Man in the Biosphere Program,

- International Scientific Committee on Problems of the Environment, Gull Lake, MI, April 26-29.
- 1991 Rio Grande Basin Consortium/National Park Service Joint Planning Seminar: Global Environmental Change. Albuquerque, N.M. May 28-June 2.
- 1991 South Carolina Historic Landscapes Symposium, Columbia, S.C., September 13.
- 1991 "The Historical Ecology of Conquest." Honigmann Memorial Lecture, Shared Learning, Chapel Hill NC, Sept. 27.
- 1992 "NIE's Role in the Human Dimensions of Global Environmental Change," Yale University Dept. of Anthropology, April 2-3.
- 1992 National Conference on the National Institutes for the Environment (NIE). Washington, D.C., May 27-30.
- 1992 National Oceanic and Atmospheric Administration Conference on the Human Dimensions of Climatic Change. Washington, D.C., September 1-3.
- 1993 "Relevance in Anthropological Research." Dept. of Anthropology, University of Florida, Gainesville, February 18.
- 1994 "Archaeology and Global Change." Dept. of Anthropology, University of Florida, Gainesville, March 14.
- 1994 "Global Historical Ecology." Human Dimensions of Global Environmental Change, Dept. of Anthropology, University of Georgia, Athens GA, April 15.
- 1994 The Social and Environmental History of the Eighteenth-Century Southeast. Departments of Anthropology, History, & Geography, University of Georgia, Athens, GA, April 29.
- 1994 "Advances in Historical Ecology." Dept. of Anthropology, Tulane University, New Orleans, LA, June 8-12.
- 1995 Historical Ecology, session organizer and participant, First International Open Meeting of the Human Dimensions of Global Environmental Change Research Community, sponsored by the SSRC, CIESIN, HDP, IIASA, and the Duke School for the Environment, Duke University, Durham, NC June 1-3.
- 1995 Workshop on Global Change in Prehistory and History. Rice University and U.S. Forest Service, Woodlands Conference Center, TX, September 2-7.
- 1995 Human Dimensions Programme Third Scientific Symposium "Global Change, Local Challenge", Geneva, Switzerland, September 20-22.
- 1995 "Sacred Landscapes and the Construction of Celtic Identity" "New Directions in the Study of the State" "Linking Ethnohistory, Historiography, Archaeology, and Historical Anthropology" and "Regional Historical Ecology: Can Global Agribusiness listen to Gardeners?" McMaster University, Hamilton, Ontario, Canada, Nov. 6-10.
- 1996 "Getting Back to the Garden: Mnemonics of Social Memory" Peer Learning, Chapel Hill, NC Nov. 8.
- 1996/7 "Seminar in Historical Ecology and Historical Anthropology" Dec. 16-20 and Jan. 8-9, Dept. of Space and Economy, Institute for Interdisciplinary Research and Continuing Education, University of Vienna, Austria.
- 1997 Lecturer, Cours en Anthropologie Historique, Centre de Recherche d'Anthropologie Historique, Université de Franche-Comté, Besançon, France, Feb-March.
- 1997 "Four Seminars in Historical Ecology and Heterarchy," Dept. of Archaeology, Umeå University, Umeå, Sweden, April 17-18.
- 1997 Workshop "Gärten als kollektives Gedächtnis", Schiltern, Austria, July 3-5.
- 1998 "Heterarchy and the Analysis of Complex Societies," Department of Anthropology, Wake

- Forest University, February 12.
- 1998 "Historical Ecology: Identifying Integrative Themes in Global Change Research," Department of Anthropology, University of Minnesota, April 16.
- 1998 "From Garden to Globe: Integrating Multidimensional Data with Multiscalar Strategies in Complex Systems Dynamics," Paleorecords Research Training Group, University of Minnesota, April 17.
- 1998 "Three-Winged Bird: Modeling Sociopolitical Complexity and Global Environmental Change," Long-Term Human Dynamics Working Group Santa Fe Institute, Sept 17.
- 1998 Landscapes in Transition: Recent Approaches to Cultural Heritage Research and Preservation, Hunter College CUNY, December 8-9.
- 1998 "Historical Ecology: At the Interface of Human and Earth Sciences." Department of Geology, UNC-CH.
- 1998 Keynote Address "Introduction to the Practice of Historical Ecology." Landscapes in Transition: Recent Approaches to Cultural Heritage Research and Preservation, Hunter College CUNY, December 8-9.
- 1999 "The Earth System: Linking Social, Biological, and Physical Sciences." Presentation to the National Science Board of the National Science Foundation Symposium on Environmental Research, Education and Assessment, Getty Center, Los Angeles CA, February 18.
- 1999 "Research Opportunities for Undergraduates." Carolina Close-Up, March 19.
- 1999 "From Garden to Globe: Linking Local Knowledge and Environmental Change." College Lights Lectures/Conversations with UNC's Outstanding Teachers, April 13.
- 1999 MacArthur Planning Conference on Ecological Humanities, National Humanities Center, RTP NC, April 22-24.
- 1999 Keynote Address in the Symposium on Historical Ecology: "Historical Ecology: A Powerful New Integrative Strategy." Eleventh International Conference, Society for Ecological Restoration. San Francisco, September 23-26.
- 1999 "What Gardens Reveal." Invited lecturer, public fund raising event sponsored by McMaster University and Dundurn Castle (Hamilton, Ontario Canada).
- 2000 "The Case Study Approach: Historical land Use and Sustainability." Biome 300: PAGES (Past Global Changes) core project meeting of IGBP, Bern Switzerland, March 5-7.
- 2000 "Landscape: The Role of Archaeology in Linking the Earth and Human Sciences" keynote lecture Siteless Archaeology: Contextualizing People and Their Landscape. Boston University Department of Archaeology, November 11.
- 2000 "Integrating the Human Scale into Global Change Studies." Land Cover, Human Activities and Climate Variability: Future Implications, an invited symposium organized by the Past Global Changes Office, International Geosphere-Biosphere Programme (PAGES-IGBP) and the USDA Forest, American Geophysical Union, San Francisco CA, December 15-19.
- 2001 "Historical Ecology: Integrating the Two Cultures." Paper given in session organized with Alice Ingerson entitled Intersections: Interdisciplinary Theory Joining History, Ecology, and the Social Sciences. Making Environmental History Relevant in the 21<sup>st</sup> Century. Joint meeting of the American Society for Environmental History and the Forest History Society, Durham NC, March 29.
- 2001 "Integrating the Human Scale into Global Change Studies." Keynote speaker, Tremaine Forum on the Environment, University of Virginia, Charlottesville VA April 3.
- 2001 Human Impacts on Terrestrial Ecosystems (HITE) focus of PAGES, Bern Switzerland,

- June 15-16.
- 2001 Putting People into Earth Systems Analysis International Geosphere-Biosphere Programme (IGBP) workshop, Oslo Norway, August 15-16.
- 2001 “Archaeology in the New World Order: What We Can Offer the Planet.” Banquet speaker, An Odyssey of Space: the 2001 Chacmool Conference. University of Calgary, Alberta, Canada, November 17.
- 2002 “From Garden to Globe: Linking Time and Space with Meaning and Memory.” Invited speaker, 2001-2002 Graduate Association Speaker Series, University of Kentucky, Lexington KY February 8.
- 2002 “Archaeology in the New Century: Landscapes Across Scales of Time and Space” and “The Past Teaches, the Future Learns: Defining Historic Sustainability in Burgundy, France.” The 2002 Robert L. Stigler Lecturer in Archaeology, University of Arkansas, Fayetteville AK March 6 & 7.
- 2002 Invited discussant, sponsored symposium (Archaeology Division, AAA) Current Theoretical Perspectives and Directions in Sociocultural Anthropology: Implications for Archaeology. Society for American Archaeology, Denver CO March 23.
- 2002 Putting People into Earth Systems Analysis International Geosphere-Biosphere Programme (IGBP) workshop organizer (Oslo Group), Burgundy France, July 21-27.
- 2002 Presenter, Association for Preservation Technology International meeting, Toronto, Canada, September 10-15.
- 2002 Presenter, Social Science History Association meeting, St. Louis MO, October 24-27.
- 2003 “Harvesting a Land Ethic: Results from Integrated Long-Term Research in Burgundy (France)” to the Department of Anthropology, and “Historical Ecology: Forging an Integrated Architecture” to the Central Arizona-Phoenix NSF Long Term Ecological Research group, Arizona State University, February 19<sup>th</sup> and 20<sup>th</sup>.
- 2003 “Historical Ecology: New Paths Toward Collaboration.” International Conference on Urban Landscape Dynamics and Resource Use, August 28-31, Uppsala, Sweden.
- 2003 Keynote lecture “Historical Ecology: Integrated Thinking at Multiple Temporal and Spatial Scales” World System History and Global Environmental Change Conference, September 19-22, Lund, Sweden.
- 2004 Travelling Public Exhibit, “La Secheresse en Bourgogne 2003,” summer 2004.
- 2005 Presenter, “Integrating Landscape Change at Millennial, Centennial, and Decadal Scales,” Gordon Conference on Past Ecosystem Processes and Human-Environment Interactions, Buellton CA, February 13-18, 2005.
- 2005 Keynote lecture “Remember How to Organize: Heterarchy Across Disciplines” at the conference Defining Social Complexity: Approaches to Power and Interaction in the Archaeological Record, held at the McDonald Institute of Archaeology, University of Cambridge, UK, March 11-13.
- 2005 Invited lecture “Historical Ecology,” Department of Anthropology, University of Georgia, Athens GA, April 15.
- 2007 Invited lecture “Historical Ecology: Integrated Thinking at Multiple Temporal and Spatial Scales.” Stockholm Resilience Centre Lecture Series, Swedish Academy of Sciences, Stockholm, Sweden, September 14.
- 2007 Presenter, “Elements of a Hallstatt Landscape in Southern Burgundy: A Case Study in Historical Ecology.” with William J. Meyer. Western Europe in the First Millennium BC, Durham UK, November 23-25, 2007.
- 2008 Invited lecture “Historical Ecology,” Department of Anthropology, University of British

- Columbia, Vancouver BC, February 7.
- 2008 Invited lecture to the Committee for Sustainable Agriculture and Sustainable Rural Development, The European Union, Brussels Belgium, April 10.
- 2008 Participant, History and Future of People on Earth (IHOPE) Americas working group meeting, School of Advanced Research, Santa Fe, N.M.
- 2008 Presenter, Resilience 2008: Resilience, Adaptation, and Transformation in Turbulent Times. International Science and Policy Conference, Stockholm, April 14-17.
- 2008 Invited lecture “The Role of Heterarchy and other Social Science Issues in Complex Adaptive Systems.” Stockholm University, June 9.
- 2008 Presenter, World Archaeological Conference, University College, Dublin, Ireland, June 29-July 3, 2008.
- 2008 Workshop Participant, “History and Future of People on Earth (IHOPE): Building a Community Data Base and Testing the Resilience-Sustainability Hypothesis across Scales, Meeting I.” National Center for Ecological Analysis and Synthesis, Santa Barbara CA, November 9-14, 2008.
- 2008 Invited lecture to the Uxeau community, “Il faut drainer le passé pour irriguer l'avenir : L'écologie historique, une démarche à long terme integrant les sciences de la terre avec les activities humaines.” July 15.
- 2008 Invited lecture to the Nolay community, “Il faut drainer le passé pour irriguer l'avenir : L'écologie historique, une démarche à long terme integrant les sciences de la terre avec les activities humaines.” July 26.
- 2008 Invited lecture, American Anthropological Association Presidential Panel “Beyond Tolerance and Lip Service: Toward a Mutually Engaged Anthropology.” San Francisco CA, November 22.
- 2009 European Union Conference Participant, “New Worlds, New Solutions: Research and Innovation as a Basis for Developing Europe in a Global Context.” Lund, Sweden, July 6-9, 2009
- 2009 Chair and presenter, Symposium “Continuity and Rupture in Agrarian History: A Search for Resilient Strategies.” World Congress on Environmental History, Copenhagen, Denmark, August 4-8.
- 2009 Workshop Participant, “History and Future of People on Earth (IHOPE): Building a Community Data Base and Testing the Resilience-Sustainability Hypothesis across Scales, Meeting II.” National Center for Ecological Analysis and Synthesis, Santa Barbara CA, September 23-26, 2009.
- 2009 Invited lecture, “Mashup Research Design: Thinking About Scale.” Stockholm Resilience Centre, Stockholm University, October 13.
- 2009 Invited lecture, “Assembling the History of the Future,” Department of Human Ecology, Lund University, October 27.
- 2009 Invited Participant, European Research Area ERA-Net RURAGRI meeting “Facing sustainability: new relationships between rural areas and agriculture in Europe.” Uppsala, Sweden, October 28-30, 2009.
- 2009 Participant, “Climate and Coinage” conference, Department of Archaeology and Ancient History, Uppsala University, November 5-6, 2009.
- 2009 Invited lecture, “Cultural Brokerage: Studying Anthropology’s Role in the Global Change Community.” Department of Anthropology, Stockholm University, November 9.
- 2009 Invited Participant, National Science Foundation “Towards a Science of Sustainability”

- Workshop, Washington DC, November 29-December 2, 2009.
- 2010 Keynote lecture, "From Field to Table: the Historical Ecology of Regional Subsistence Strategies." University of South Carolina, March 19-20.
- 2010 Keynote lecture, "Climate Change and Migration" Conference on Climate Change and Human Mobility, Copenhagen University, April 12-14.
- 2010 Keynote lecture, "IHOPE: Projects and Prospects" AIMES Open Science Conference, Edinburgh University, May 10-14.
- 2010 Keynote lecture, "Social-Ecological Resilience of Cultural Landscapes" Brandenburg Academy of Sciences, Berlin. June 15-16.
- 2010 Workshop Participant, "History and Future of People on Earth (IHOPE): Building a Community Data Base and Testing the Resilience-Sustainability Hypothesis across Scales, Meeting III." National Center for Ecological Analysis and Synthesis, Santa Barbara CA, September 23-26, 2009.
- 2010 Keynote lecture, "Searching the Past for Clues to the Future" IGBP Iberian Regional Meeting, Lisbon, November 5.
- 2010 Plenary lecture, "Crafting Tools to Examine "Collapse": Global-Scale Complex Adaptive Systems and the Archaeology of Equality" Mellon Foundation Sawyer Seminar "Crisis, what Crisis? Collapses and Dark Ages in Comparative Perspective" Department of Archaeology and McDonald Institute, Cambridge University, September 24.
- 2011 Resilience Dialogue "Interdisciplinarity." Stockholm University, February 9.
- 2011 "Comments on the Urban Mind Project." Uppsala University, February 23.
- 2011 Organizer and Participant, Sessions on Complex Systems and on IHOPE Projects, at Resilience 2011: Resilience, Innovation and Sustainability, Navigating the Complexities of Global Change. Arizona State University, March 11-16, 2011.
- 2011 Invited lecture, "Investigating the Role of Climate in European History." Archaeology Department, Gothenburg University, April 13.
- 2011 Organizer and Participant, Workshop on Planetary Stewardship, IGBP IPO, Stockholm Sweden June 13-15.
- 2011 Invited Participant, Workshop on Environmental Anthropology and Resilience, University of Cologne, Germany, July 6-8.
- 2011 Organizer and Participant, Scientific Steering Committee for IHOPE, Uppsala University, Sweden, August 13-16.
- 2011 Invited Participant, Frontiers in Historical Ecology, Swiss Federal Institute for Forest, Snow and Landscape Research (WSL), Biemensdorf Switzerland, Aug 30- Sept 2, 2011.
- 2011 Organizer and Participant, IHOPE session at the European Association of Archaeologists, Oslo, Norway, Sept 14-16, 2011.
- 2011 Invited Participant, Landesque Capital Workshop, Swedish University of Agricultural Sciences (SLU), Uppsala, Sweden, Sept 21-23, 2011.
- 2011 Invited Participant, First International Environmental Humanities Conference, Sigtuna Sweden, Oct 14-16, 2011.
- 2011 Honoree and Organizer, Wahlberg medal seminar, "The Ampersand and the Hyphen: An Update on the Science-Society Endeavor." Stockholm University, October 26, 2011.
- 2011 Invited lecture, "Draining the Past to Irrigate the Future" Green Enterprise Conference, Stockholm University, November 7.
- 2011 Invited lecture, "Searching the Past for Clues to the Future" Department of Urban and Rural Development, Swedish University of Agricultural Sciences, December 7.
- 2012 Organizer and Participant IHOPE Poster Session, and Panelist IHDP Core Projects

- Session, Planet Under Pressure Conference, London, UK, March 26-29, 2012.
- 2012 Invited lecture, “Long-Term Change Research in Burgundy,” Centre for Biodiversity, Swedish Agricultural University, May 23.
- 2012 Invited lecture, “Combining Biophysical and Cultural Information,” Linnaeus University, Kalmar, Sweden, May 31.
- 2012 Invited lecture, “Impacts of the CAP on French Farmers” RURAGRI European Commission, Brussels, Belgium June 14.
- 2012 Organizer and Leader, IHOPE-Europe Modeling Workshop, Uppsala University, August 28-29, 2012.
- 2012 Invited lecture, “Global Environmental History” CEMUS, Uppsala University, Sept 20.
- 2012 Invited lecture, “What Good are Disciplines?” Master Class, Stockholm Resilience Centre, Stockholm University, Sept 21.
- 2012 Invited Presenter, “On Diversity and Dynamics: Finding Multiple Pathways, Feeding the World” European Union Agricultural Research Initiative EURAGRI XXVI meeting Bio-Economy and its Context—The Role of Agriculture. Vienna, Austria, Oct 1-2.
- 2012 Invited lecture, “Historical and Political Ecology” Department of Physical and Quaternary Geography, Stockholm University, Oct 15.
- 2012 Invited Presenter, “Complex Adaptive Systems and the Long-Term Development of Society” Nordic Consortium on Systems Analysis (NORCOSA) International Workshop: Challenges for Systems Analysis in the Contemporary World. Stockholm, Sweden, November 8-9.
- 2012 Invited Moderator, Panel on Climate Change and Policy. 111th Annual Meeting, American Anthropological Association, San Francisco, November 17.
- 2012 Invited lecture, “Lessons Learned in Schools: What Political and Historical Ecology offer the Future.” Dept of Social Anthropology, Stockholm University, December 10.
- 2012 Invited lecture, “The Role of Heterarchy in Complex Systems” Dept of Social Anthropology, Uppsala University, December 13.
- 2013 Invited lecturer, Complex Adaptive System and Disciplines: A Quick Overview, Some Suggestions. Swedish University of Agricultural Sciences (SLU) Department of Energy & Technology, Uppsala, February 5.
- 2013 Invited lecture, “How the History of European Agriculture can Shape its Future” Future Agriculture Group, Swedish University of Agricultural Sciences (SLU), March 7.
- 2013 Organizer and Leader, “Is there a Future for the Past? Meeting Challenges in the Research and Practice of Historical Ecology.” Swedish University of Agricultural Sciences (SLU) Centre for Biodiversity (CBM), Odalgården, Sweden, April 16-18.
- 2013 Invited lectures, “Harmonizing Archaeology and Historical Ecology” and “Searching the Past for Clues to the Future,” Università del Salento, Lecce, Italy, May 31.
- 2013 Invited presenter, “Urban Expansion, Rural ‘Development’” Workshop on Urban Landscapes, Beijer Institute, Stockholm. June 11-12.
- 2013 Participant, PAGES (Past Global Changes, IGBP) Focus 4 Summit. Bern, July 15-16.
- 2013 Invited lecture, “Can the Laboratory of the Past Deliver a Sustainable Future? Complex Systems, Resilience, and Vulnerability” to the Division of Industrial Engineering and Management, Ångström Laboratory, Uppsala University, September 11.
- 2013 Invited lecturer, Framing the Challenges of European Agricultural Research: Innovation, Stakeholder Involvement, and Supply & Production Chain. European Union Agricultural Research Initiative EURAGRI XXVII, Vilnius, Lithuania, Sept 30-Oct 1.

- 2013 AAA Climate Change Task Force member, School of American Research Seminar: “Changing the Atmosphere: Anthropological Engagement with Climate Change.” October 8-10.
- 2013 Invited lecture, “Lessons Learned in Schools: What Political and Historical Ecology can offer the Future.” Dept of Physical Geography, Stockholm University, October 15.
- 2013 Invited lecture, “Historical Ecology.” CEMUS Uppsala University, October 18.
- 2013 Invited lecturer, “Changing the Atmosphere” American Anthropological Association annual meeting, Chicago IL November 20-24.
- 2013 Banquet speaker, inaugural meeting of HERCULES research group (European Union 7th Framework grant), Brussels, December 2.
- 2013 Invited lecture, “Ecologie Historique.” Centre d’Ecologie Fonctionnelle et Evolutive, (UMR 5175), Université Montpellier 2. December 12.
- 2014 Invited lecture, “Burgundy and the Beginnings of Historical Ecology.” Masters’ course in Historical Ecology, Uppsala University, April 7.
- 2014 Invited lecturer, Seminar on “Biocultural Refugia” papers, CBM at SLU, April 10.
- 2014 Invited Discussant, “The Anthropocene in the Longue Durée” conference, University of Texas-Austin, April 22-23.
- 2014 Presenter, “Integrated Historical Ecology of Human Ecodynamics: An Applied Archaeology for Future Earth.” IHOPE seminar, Society for American Archaeology, Austin TX, April 24.
- 2014 Invited Discussant, “Archaeologies of Land-Use: Methodological and Conceptual Advances.” Society for American Archaeology, Austin TX, April 24.
- 2014 Invited lecture, “New Strategies for Bridging the Gap.” Landscape Archaeology Conference (LAC), Rome, Sept 18.
- 2014 Rapporteur, EURAGRI XXVIII, Montpellier, France. Sept 28-30.
- 2014 Invited lecture, “History, Politics, Environment: What do they offer the Future?” Masters’ course in Political Ecology, Stockholm University, Oct 20.
- 2014 Invited lecture, “Climate, Landscape Change, and Human Survival.” Mind & Nature series, Uppsala University, Oct 21.
- 2014 Invited lecture, “Draining the Past to Irrigate the Future.” Swedish Society for Anthropology and Geography (SSAG), Nov. 11.
- 2014 Keynote lecture, “The Roots of Historical Ecology.” Historical Ecology: the Next Generation Conference, Uppsala, Sweden, Nov 12.
- 2015 Invited lecture, “Can the Laboratory of the Past Deliver a Sustainable Future? Complex Systems, Resilience, and Vulnerability.” Department of Energy & Technology, Swedish University of Agricultural Sciences (SLU), Uppsala, Sweden. March 9.
- 2015 Invited discussant, “Anarchy and Archaeology: Contesting Hierarchy, Power, and Authority in the Past and Today.” Society for American Archaeology, San Francisco. April 19.
- 2015 Invited lecture, “Historical Ecology: Searching the Past for Clues to the Future.” Master Programme in Environmental History, Uppsala University. Oct 15.
- 2015 Invited lecture, “Historical Ecology: Searching the Past for Clues to the Future.” Dept of Physical Geography, Stockholm University, October 19.
- 2015 Keynote lecture, “A Tour of the Horizon: Taking Historical Social Science Research into Action.” New International Community for Historical Ecology (NICHE) 2<sup>nd</sup> Annual Meeting, Simon Fraser University, Vancouver BC Canada. November 13.



- 2015 Keynote lecture, “A Tour of the Horizon: Taking Historical Social Science Research into Action.” Aarhus University, Denmark. November 30.
- 2015 Annual Lecture, “If the Past Teaches, What does the Future Learn?” The Landscape Research Group, London, UK. December 3.
- 2016 Invited lecture, “ “Complex Systems in the Social Sciences” Department of Energy & Technology, Swedish University of Agricultural Sciences (SLU), Uppsala, Sweden. February 2.
- 2016 Keynote lecture, IHOPE Day Plenary, Landscape Archaeology Conference, Uppsala University, August 22.
- 2016 Planned and led IHOPE Annual EC/SSC meeting in conjunction with the International Institute for Applied Systems Analysis (IIASA) Laxenburg, Austria, October 10-12.
- 2016 Invited lecture, “If the Past Teaches, What does the Future Learn?” in the symposium How can Paleocology inform conservation in a changing world? International Conference on Ecological Sciences, Marseille, October 26.
- 2017 Invited lecture, “Can the Laboratory of the Past Deliver a Sustainable Future? Complex Systems, Resilience, and Vulnerability.” Department of Energy & Technology, Swedish University of Agricultural Sciences (SLU), Uppsala, Sweden. January 31.
- 2017 Keynote lecture, “Is there a Future for the Past?” International Open Workshop Socio-Environmental Dynamics over the Last 12,000 Years: The Creation of Landscapes. Kiel University, March 20.