List of Participants

Roelof M. J. Boumans Gund Institute for Ecological Economics, University of Vermont, 590 Maine Street, Burlington, VT 05405, U.S.A.
Global simulations of human welfare, ecosystem services, and ecosystem service values

Robert Costanza Gund Institute for Ecological Economics, Rubenstein School of Environment and Natural Resources, University of Vermont, 590 Main St., Burlington, VT 05405–1708, U.S.A.
Ecological economics, systems ecology, environmental policy, landscape ecology, spatial, dynamic, ecological modeling, social traps, incentive structures and institutions

Carole L. Crumley Department of Anthropology, University of North Carolina, 301 Alumni Building, Chapel Hill, NC 27599–3115, U.S.A.
Archaeology, ethnohistory, historical ecology and climatology, contemporary climate change and agriculture, complex systems theory

Paul J. Crutzen Abteilung Atmosphärenchemie, Max-Planck-Institut für Chemie, Postfach 3060, 55020 Mainz, Germany
The role of atmospheric chemistry in biogeochemical cycles and climate

John A. Dearing Department of Geography, University of Liverpool, Roxby Building, Liverpool L69 7ZT, U.K.
Human–environment interactions; reconstructing past environments; simulating complex systems

Bert J. M. de Vries Netherlands Environmental Assessment Agency (MNP), P.O. Box 303, 3720 AH Bilthoven, The Netherlands, and Copernicus Institute for Sustainable Development and Innovation, Utrecht University, Heidelberglaan 2, P.O. Box 80.115, 3508 TC Utrecht, The Netherlands
Sustainable development concepts/modeling; energy and climate modeling/policy; historical socioecologial developments

John Finnigan CSIRO Centre for Complex Systems Science, Pye Laboratory, G.P.O. Box 1666, Canberra ACT 2601, Australia
Complex systems science; Earth system science; terrestrial carbon cycle; turbulent exchange between atmosphere and biosphere

Lisa J. Graumlich Big Sky Institute, 106 AJM Johnson Hall, Montana State University, Bozeman, MT 59717, U.S.A.
Climate variability on decade-to-century timescales and its impacts on ecosystem dynamics and services

Richard H. Grove Resource Management in the Asia Pacific Program, Research School of Pacific and Asian Studies, Australian National University, Canberra ACT 0200, Australia
Environmental history, history of science, forest history, history of witchcraft and crisis; extreme climate events and Dark Ages; socioeconomic crises in world history; South Asian environmental history; island environmental histories; African environmental history

Arnulf Grübler IIASA, Schlossplatz 1, 2361 Laxenburg, Austria, and School of Forestry and Environmental Studies, Yale University, New Haven, CT 06511, U.S.A.
Long-term history and future of technology with focus on energy, transport, and communication systems

Helmut Haberl Institute of Social Ecology, IFF Vienna, Klagenfurt University, Schottenfeldgasse 29, 1070 Vienna, Austria
Long-term changes in society–nature interaction, integrated analysis of socioecological systems, human appropriation of net primary production (HANPP), including its causes and consequences (e.g., on biodiversity and on the carbon household), long-term socioecological research (LTSER)

Fekri A. Hassan Institute of Archaeology, University College London, 31–34 Gordon Square, London WC1H 0PY, U.K.
Implications of water history as revealed by archaeological and historical sources for the resolution of current world water problems; study of the past as a means for coping with the present and developing strategies for a better future world

Kathy A. Hibbard AIMES International Project Office, Climate and Global Dynamics Division, National Center for Atmospheric Research, P.O. Box 3000, Boulder, CO 80307–3000, U.S.A.
Effects of management practices (fire suppression, heavy grazing) and disturbance on the carbon cycles of savanna and forested ecosystems in the context of altered biogeochemistry and successional dynamics through the integration of field observations and ecosystem modeling; the international Global Carbon Project and the IGBP Analysis, Integration and Modeling of the Earth System Project

Frank Hole Department of Anthropology, Yale University, Box 8277, New Haven, CT 06520–8277, U.S.A.
Near East, archaeology, climate history, land use, agriculture, sustainability

Eric F. Lambin Department of Geography, University of Louvain, 3, place Pasteur, 1348 Louvain-la-Neuve, Belgium
Land-use/cover change, remote sensing of land

Rik Leemans Environmental Systems Analysis Group, Wageningen University, P.O. Box 47, 6700 AA Wageningen, The Netherlands
Ecology, integrated assessment, consequences of land-use change; ecosystem services; global and regional models

Diana M. Liverman Environmental Change Institute, Oxford University Centre for the Environment, Dyson Perrins Building, South Parks Road, Oxford OX1 3QY, U.K.
Human dimensions of global change; environmental policy in the Americas

Nathan J. Mantua Climate Impacts Group, University of Washington, Box 354235, Seattle, WA 98195–4235, U.S.A.
Causes for year-to-year, decade-to-decade, and multi-decadal climate variations; climate predictability and prediction; climate impacts on ecosystems and society; paleoclimate reconstructions; use of climate information in resource management

John R. McNeill History Department, Georgetown University, Washington, D.C. 20057, U.S.A.
Environmental history; energy history

Dennis L. Meadows Laboratory for Interactive Learning, P.O. Box 844, Durham, NH 03824, U.S.A.
Innovative educational methods for helping people understand the behavior of complex systems; social, economic, and political implcations of limits to growth

Bruno Messerli Institute of Geography, University of Bern, Hallerstrasse 12, 3012 Bern, Switzerland
Millennial scale: climate change and human history (e.g., African mountains, Andes). Centennial/decadal scale: water resources/floods/droughts and human population (e.g., Himalayas and Bangladesh). Decadal/future scale: human–environment systems (concepts)

João M. F. Morais International Geosphere–Biosphere Programme, Deputy Director, Social Sciences, Royal Swedish Academy of Sciences, Box 50005, 10405 Stockholm, Sweden
Earth system science; environmental archaeology

Christian Pfister Section of Economic, Social, and Environmental History, Institute of History, University of Bern, Erlachstr. 9a, 3000 Bern 9, Switzerland
Climatic change (Europe, last millennium), demographic and economic impacts on societies, buffering strategies and innovations

Charles L. Redman Global Institute of Sustainability, Arizona State University, P.O. Box 873211, Tempe, AZ 85287–3211, U.S.A.
Human impacts on ancient environments, urban ecology, integration of social and life sciences

Frank Riedel Interdisciplinary Centre for Ecosystem Dynamics in Central Asia, Freie Universität Berlin, Malteserstr. 74–100, Haus D, 12249 Berlin , Germany
Environmental and human dynamics in northwestern China during the late Quaternary; ecosystem dynamics in Central Asia; palaeoclimate

Vernon L. Scarborough Dept. of Anthropology, University of Cincinnati, P.O. Box 210380, Cincinnati, OH 45221–0380, U.S.A.
Archaeology, anthropology, tropical ecosystems, landscapes, water management, civilization, Maya

Will Steffen Director, CRES and ANU Institute for Environment, Centre for Resource and Environmental Studies (CRES), Australian National University, W.K. Hancock Building (43), Canberra ACT 0200, Australia
Earth system science in general, with more specific interest in (i) the global carbon cycle, (ii) abrupt changes in Earth system functioning, and (iii) evolution of the human–environment relationship in an Earth system context

Uno Svedin FORMAS, The Swedish Research Council for Environment, Agricultural Sciences, and Spatial Planning, Box 1206, 111 82 Stockholm, Sweden
Research policy, especially environment and sustainable development, connected systems analysis, connected governance, connection between socioeconomic and biogeophysical aspects of environmental challenges, societal risk, cultural connotations of humans–environmental nexus, micro–macro phenomena relations

Joseph A. Tainter Global Institute of Sustainability and School of Human Evolution and Social Change, Arizona State University, P.O. Box 873211, Tempe, AZ 85287, U.S.A.
Sustainability; evolution of complexity

Peter Turchin Department of Ecology and Evolutionary Biology, University of Connecticut, 75 N. Eagleville Road, U–43, Storrs, CT 06269–3042, U.S.A.
Population dynamics, historical demography, complex dynamics in social and economic structures of historical societies

Sander E. van der Leeuw School of Human Evolution and Social Change, Arizona State University, P.O. Box 872402, Tempe, AZ 85287–2402, U.S.A.
Archaeological method and theory, long-term relations between society and environment, land use and cover change, modeling

Yoshinori Yasuda International Research Center for Japanese Studies, Nishikyoku, 3–2 , Oeyama-cho, Kyoto 610–1192, Japan
Environment archaeology, human–environment interaction, especially deforestation; climate change and the rise and fall of civilization, Jomon and Yangtze River civilization; high-resolution chronology by analysis of annually laminated sediments

Marianne N. Young Marianne Young Planning, 216 Gilles Street, Adelaide SA 5000, Australia
Urban and regional town planning; social science—communication

Michael D. Young CSIRO Land and Water, Private Bag 2, Glen Osmond 5064 , Australia, and Water Economics and Management, School of Earth and Environmental Sciences, The University of Adelaide, Adelaide 5005, Australia
Market-based instruments; resource accounting; ecological economics; policy review and development