

STEVE RAYNER



UNIVERSITY OF OXFORD

James Martin Professor of Science and Civilization
School of Anthropology and Museum Ethnography
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Co-Director, Oxford Geoengineering Programme
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CAREER SUMMARY

Steve Rayner is James Martin Professor of Science and Civilization and Director of the Institute for Science, Innovation and Society at Oxford University, where he also co-directs the Oxford Programme for the Future of Cities and the Oxford Geoengineering Programme. He is also Senior Fellow at the Breakthrough Institute, a non-partisan environmental think tank based in California's Bay Area. He previously held senior research positions in two US National Laboratories and has taught at leading US universities.

He has served on various US, UK, and international bodies addressing science, technology and the environment, including Britain's Royal Commission on Environmental Pollution, the Intergovernmental Panel on Climate Change, the Royal Society's Working Group on Climate Geoengineering and the Lead Expert Group for the British Government's Foresight Programme on Future Cities. Until 2008 he also directed the national Science in Society Research Programme of the Economic and Social Research Council. He was included in the 2008 Smart List by Wired Magazine as "one of the 15 people the next US President should listen to".

EXPERIENCE & QUALIFICATIONS

PREVIOUS APPOINTMENTS

Professor of Environment and Public Affairs, School of International and Public Affairs
Columbia University 1999-2002.

Chief Social Scientist, International Research Institute for Climate Prediction 1999-
2002

Chief Scientist, Pacific Northwest National Laboratory, 1996-1999. Previously Senior
Program Manager for Global Environmental Management Studies and Manager of the
Global Change Group 1991-1996

Adjunct Associate Professor, Science, Technology, and Society Graduate Program,
Virginia Polytechnic Institute, 1997-1998

Deputy Director, Center for Global Environmental Studies and Senior Research Staff
Member, Energy Division, Oak Ridge National Laboratory, Tennessee, 1990-1991.
Previously Research Staff 1986-1990 and Research Associate 1983-1986

Visiting Associate Professor, Program in Science, Technology, and Society, Cornell
University, 1990

Adjunct Faculty, U.S. Government Executive Seminar Center, Oak Ridge, Tennessee,
1988-1991

Adjunct Assistant Professor of Sociology, University of Tennessee, 1986

Research Associate, Columbia University, Department of Computer Science, 1982-1983. Previously Visiting Scholar in 1981 and 1982

Visiting Scholar, Boston University School of Public Health, 1982

Research Associate, Russell Sage Foundation, New York, 1980-1981

Research Associate, Centre for Occupational and Community Research, London, 1979-1983

Lecturer in Social Anthropology, University of London, Extra-Mural Studies Department, 1977-1978

DEGREES

MA, Conferred by Resolution, University of Oxford, 2004

PhD, Anthropology, University College London, 1979

Dissertation Topic: *The Classification and Dynamics of Sectarian Forms of Political Organization: Grid/Group Perspectives on the Far Left in Britain.*

BA Joint Honours, Philosophy and Theology, Keynes College, University of Kent at Canterbury, 1974

HONOURS, MAJOR GRANTS, AND AWARDS

ANZSOG-Goyder Institute Visiting Professor in Public Sector Policy and Management, Flinders University 2013-2014

ESRC Responsive Mode Grant, Climate Geoengineering Governance 2012-2014

Honorary Professor of Climate Change and Society, University of Copenhagen 2009-2014

Visiting Fellow, Indiana University Institute for Advanced Study 2010

2008 Smart List: 15 People the Next President Should Listen To, *Wired* Magazine

Lead Author of Chapters of the Third and Fourth Assessment Reports of the Intergovernmental Panel on Climate Change, which was co-recipient of the 2007 Nobel Peace Prize

Biographee, *Who's Who*, A&C Black, London 2006-present

European Commission Framework Programme 6 Research Grant 2006-2009
ESRC Science in Society Programme Director's Award, 2001-2007

US National Aeronautic and Space Agency, Office of Policy Development, Research Grant 2000-2001

US National Oceanic and Atmospheric Administration, Human Dimensions of Global Change Program Grant, 1998-1999

Homer M. Calver Award, for accomplishments on behalf of the environment, Environment Section, American Public Health Association, 1994

Director's Award for Scientific and Engineering Excellence, Pacific Northwest Laboratory, 1993

Martin-Marietta Energy Systems Significant Event Award, for major contributions to climate policy analysis, 1989.

Biographee, *Who's Who in the World*, 9th edition, Marquis, Chicago, 1989

Martin-Marietta Energy Systems Significant Event Award, for significant intellectual contributions to the field of risk analysis, 1988.

Biographee, *Who's Who of Emerging Leaders in America*, 1st edition, Marquis, Chicago, 1987

Biographee, *Who's Who in the South and Southwest*, 20th edition, Marquis, Chicago, 1986

Institute for Intercultural Studies, Small Grant, 1982

Wenner-Gren Foundation for Anthropological Research, Grant in Aid, 1982

University of London Central Research Fund, Research Grant, 1977-1979

Social Science Research Council of Great Britain, Bursary for Postgraduate Research, 1975-1978

INSTITUTIONAL FELLOWSHIPS/MEMBERSHIPS

Fellow of the Royal Anthropological Institute

Fellow of the Royal Society of Arts

Fellow of the American Association for the Advancement of Science

Fellow of the Society for Applied Anthropology

European Association for the Study of Science and Technology

Society for the Social Study of Science

Society for Risk Analysis

SELECTED PROFESSIONAL ACTIVITIES

Member, Environment Committee, Royal Anthropological Institute

Former Member, Lead Expert Group, UK Government Foresight Programme on the Future of Cities

Former Board Member, Foundation for Law, Justice, and Society

Former Member, Royal Commission on Environmental Pollution

Former Member, Royal Society Working Group on Geoengineering the Climate

Former Member, Advisory Group on Science in Society, European Commission 7th Framework Programme for Research and Technological Development

Former Member, Advisory Committee, UK Climate Impacts Programme

Lead Author, Working Group III, Intergovernmental Panel on Climate Change for Third and Fourth Assessment Reports

Former Member, Sciencewise Steering Group and Review Panel of the Office of Science and Technology, UK Department of Trade and Industry

Former Director, ESRC Programme on Science in Society

Past President, Sociology and Social Policy Section, British Association for the Advancement of Science

Former Member, Oxford Commission on Sustainable Consumption

Former Member, International Advisory Board, *The Encyclopedia of Global Environmental Change*

EDITORIAL BOARDS

Series Editor, *Science in Society* Book Series, Earthscan

Member editorial board, Jindal Journal of Public Policy

Member editorial board *Environmental Science and Policy*

Member editorial board *Encyclopedia of Global Environmental Change*

Former member editorial board *Integrated Assessment*

Former member editorial board *Environment*

Former member editorial board *Global Environmental Change*

Former member editorial board *Population and Environment*

FORMER CONTRACT RESEARCH CLIENTS

US Department of Energy
US Energy Information Administration
US Nuclear Regulatory Commission
US Strategic Petroleum Reserve
US Army
US Air Force
US Agency for International Development
Federal Emergency Management Agency

FORMER CONSULTING CLIENTS

UK Department for Environment, Food and Rural Affairs
Science Applications International Corporation
UK Economic and Social Research Council
Carnegie Council for Ethics in International Relations
Netherlands Environmental Assessment Agency (PBL)
UK National Audit Office
Bayer Crop Science
Veolia Water UK
Royal Dutch Shell
Oxford Analytica
Normann Partners
University of Delaware
Deloitte

GRADUATE RESEARCH SUPERVISION

Garmulewicz, A. 2015. 3D Printing in the Commons Knowledge and the Nature of Physical and Digital Resources Thesis presented for the degree of Doctor of Philosophy, Saïd Business School, University of Oxford.

Ramachandran, D. 2014. Buoyant Architecture: A resilient adaptation to rising water levels? Dissertation presented for the degree of Master of Science, Department of Continuing Education, University of Oxford

Parmar, C. 2013. The Pluriverse of Disaster: Knowledge, Mediation and Citizenship. Thesis presented for the degree of Doctor of Philosophy, Saïd Business School, University of Oxford

Stewart, A. 2012. Knowledge Games: The Achievement of Ignorance in Managing Olympic and Commonwealth Mega-Events. Thesis presented for the degree of Doctor of Philosophy, Saïd Business School, University of Oxford

Kim, H. 2011. Commercializing Low-Carbon Energy Technologies from Research Laboratories through Start-ups: A typology of approaches illustrated with case studies. Dissertation presented for the degree of Master of Science, Environmental Change Institute, University of Oxford

Mathur, V. 2011. Uncertain Knowledge: Cultures, Institutions and Resilience. Adapting to Climate Change in the Tonle Sap Lake of Cambodia. Thesis presented for the degree of Doctor of Philosophy, Saïd Business School, University of Oxford

Blazekovic, M. 2011. Making Partnership Work: Cross-Sector Alliances between Businesses and NGOs at the Bottom of the Pyramid. Thesis presented for the degree of Doctor of Philosophy, Saïd Business School, University of Oxford

Krause, J. 2010. Systemic Risks in Europe's Carbon Market: A Political Market Perspective. Dissertation presented for the degree of Master of Science, Saïd Business School, University of Oxford

Mikami, K. 2010. Research Regimes and their Technological Imaginations: A Comparative Study of Tissue Engineering in the UK and Japan. Thesis presented for the degree of Doctor of Philosophy, Saïd Business School, University of Oxford

Imbert, D. 2010. The U.S. Energy Innovation Challenge. Dissertation submitted for the degree of Master of Science, Environmental Change Institute, University of Oxford

Evans, S. 2009. Technological Ambiguity and the Wassenaar Arrangement. Thesis presented for the degree of Doctor of Philosophy, Saïd Business School, University of Oxford

Grinberg, A. 2009. Climate Change: The Potential Role of Defence Organizations in

Developing, Demonstrating and Deploying Innovative Technologies – A Pilot Study. Dissertation presented for the degree of Master of Science, Environmental Change Institute, University of Oxford

Stewart, A. 2009. Constructed Failure? A Cultural Theory of Sensemaking on Projects. Dissertation presented for the degree of Master of Science, Saïd Business School, University of Oxford

Ng, R. 2009. Probing the Development of Cultural Intelligence through Latent Growth Models and Cross Sectional Studies. Dissertation presented for the degree of Master of Science, Saïd Business School, University of Oxford

Tharmanathan, G. 2009. Decision Making in Private Sector Development in Africa. Dissertation presented for the degree of Master of Science, Saïd Business School, University of Oxford

Medioli, J. 2009. Changes in Nuclear Power: Using Innovations and Social Theories of Risk to Explain Developments in the US Nuclear Power Industry. Dissertation presented for the degree of Master of Science, Saïd Business School, University of Oxford

Siddiqui, A. 2008. Alliance Partner Choice and the Development of New Technology. Dissertation presented for the degree of Master of Science, Saïd Business School, University of Oxford

Logue, D. 2007. The Role of Universities in Managing Scientific Mobility. Dissertation presented for the degree of Master of Science, Saïd Business School, University of Oxford

Patel, T. 2006. The Role of Culture in the Performance of Indo-French Collaborations in Small and Medium Sized Enterprises. Thesis presented for the degree of Doctor of Philosophy, The Open University and the Groupe Ecole Supérieure de Commerce de Rennes

Mikami, K. 2005. The Sociocultural Analysis of Cross-cultural Consumption: Japanese Students in the UK. Dissertation presented for the degree of Master of Science, Saïd Business School, University of Oxford

Livingston, D. 2005. The Bystander Pesticide Exposure Controversy: Risk Management and Communication. Dissertation presented for the degree of Master of Science, Saïd Business School, University of Oxford

Evans, S. 2004. The Governance of Biotechnology at the World Trade Organization: A Cultural Theory Framework. Dissertation presented for the degree of Master of Science, Saïd Business School, University of Oxford

Karakas, R. 2004. The Nanotechnology Debate: Does It Exhibit Social Learning for

Controversial Technologies. Dissertation presented for the degree of Master of Science, Saïd Business School, University of Oxford

Savage, T. 2004. Non-Governable Organizations? An Examination of NGO Accountability. Dissertation presented for the degree of Master of Science, Saïd Business School, University of Oxford

Goldstein, S.B. 1999. US Importation of French Soft Cheeses: Trade Protectionism or Consumer Protection? Dissertation presented for the degree of Master of Science, Department of Science and Technology Studies, Virginia Polytechnic Institute and State University

Wolf, A.K. 1986. Risk and Confidence in Industrial Communities: A Comparative History of Perceptions of Industrial Pollution in Oak Ridge and Rockwood, Tennessee. Thesis presented for the degree of Doctor of Philosophy, Department of Anthropology, University of Pennsylvania

EXTERNAL EXAMINER

Milkoreit, M. 2013. *Mindmade Politics: The Role of Cognition in Global Climate Change Governance*. Thesis presented for the degree of Doctor of Philosophy, University of Waterloo

Salmi, O. 2008. *Science, Sulphur and Sustainability: Environmental Strategies of Mining in the Russian Kola Peninsula*. Thesis presented for the degree of Doctor of Science, Helsinki Technical University

Camilleri, C. 2008 *The Ecological Modernization of the Yalumba Wine Company*. Thesis presented for the degree of Doctor of Technology, Deakin University

Nye, M. 2006. *Understanding Business Participation in UK Emissions Trading: Accounting for Content, Context, and Carbon*. Thesis presented for the degree of Doctor of Philosophy, University of Cambridge

Scott, M. 2005. *Plural Rationalities, Contested Expertise: UK Scientists and GM Crops*. Thesis presented for the degree of Doctor of Philosophy, Centre for Technology Strategy, The Open University, Milton Keynes

van Asselt, M. 2000. *Perspectives on Uncertainty and Risk: The PRIMA Approach to Decision Support*. Thesis presented for the degree of Doctor of Philosophy, International Centre for Integrative Studies, University of Maastricht

Friedensen, V.P. 1999. *Protest Space: A Study of Technology Choice, Perception of Risk, and Space Exploration*. Dissertation presented for the degree of Master of Science, Department of Science and Technology Studies, Virginia Polytechnic Institute and State University

Samson, P. 1996. *Treading on Thin Ice: The Politics of Global Environmental Change and the Arctic Region*. Thesis presented for the degree of Doctor of Philosophy, Graduate Institute of International Studies, University of Geneva

Sergen, G.M. 1995. *Risk Assessment and Management: A Comparative Analysis of Approaches*. Dissertation presented for the degree of Master of Science and Society, University of New South Wales

Houghton, J.W. 1988. *Knowledge, Method, and Bullionism: The Grid-Group-Power of Economic Knowledge*. Thesis presented for the degree of Doctor of Philosophy, Department of Economics, University of Queensland

Solomon, L.S. 1985. *Mercury Pollution in Oak Ridge, Tennessee: An Analysis of the Collective Definition of a Social Problem*. Dissertation presented for the degree of Master of Arts, Department of Sociology, The University of Tennessee, Knoxville

LIST OF PUBLICATIONS

BOOKS

- S. Rayner & M. Caine (eds) 2014 *The Hartwell Approach to Climate Policy*. Routledge Earthscan, Abingdon
- Healey, P & S. Rayner (eds) 2008. *Unnatural Selection: Challenges of Engineering Human Nature and Lifespan*. Earthscan, London
- Cantor, R., S. Henry, S. Rayner 2000. *Markets, Distribution, and Exchange After Societal Cataclysm*, Books for Business, Toronto
- Rayner, S. & E.L. Malone (eds) 1998. *Human Choice and Climate Change: An International Assessment, Volume 1, The Societal Framework*. Battelle Press, Columbus, Ohio
- Rayner, S. & E.L. Malone (eds) 1998. *Human Choice and Climate Change: An International Assessment, Volume 2, Climate Change Resources and Technology*. Battelle Press, Columbus, Ohio
- Rayner, S. & E.L. Malone (eds) 1998. *Human Choice and Climate Change: An International Assessment, Volume 3, The Tools of Policy Analysis*. Battelle Press, Columbus, Ohio
- Rayner, S. & E.L. Malone (eds) 1998. *Human Choice and Climate Change: An International Assessment, Volume 4, What Have We Learned?* Battelle Press, Columbus, Ohio. Also translated and published in Japanese by Japan UNI Agency Inc. Tokyo 1999.
- Cantor, R.A., S. Henry, S. Rayner 1992. *Making Markets: An Interdisciplinary Perspective on Economic Exchange*, Greenwood Press, Westport, Connecticut
- Flanagan, J.G. & S. Rayner (eds) 1988. *Rules, Decisions, and Inequality in Egalitarian Societies*, Avebury, Brookfield, Vermont
- Gross, J.L. & S. Rayner 1985. *Measuring Culture: A Paradigm for the Analysis of Social Organization*, Columbia University Press, New York

SPECIAL ISSUES OF JOURNALS

Environment and Planning C: Special Issue on Novel Multi-sector Networks and Entrepreneurship in Urban Climate Governance (guest editors H. Schroeder, S. Burch, S. Rayner), Vol. 37, No. 5, 2013

Environmental Science and Policy, Special Issue on Science, Policy, and Politics: Learning from the Controversy over “The Skeptical Environmentalist”, (guest editors R. A. Pielke Jr & S. Rayner), Vol. 7, No 5, 2004

Global Environmental Change, Special Issue on National Case Studies of Institutional Capabilities to Implement Greenhouse Gas Reductions, (guest editor), Vol. 3, No. 2, 1993

Evaluation Review, Special Issue on Managing the Global Commons, (guest editor), Vol. 15, No. 1, 1991

JOURNAL ARTICLES

Acuto, M. & S. Rayner 2016 City Networks: Breaking Gridlocks or Forging (New) Lock-ins? *International Affairs*, 92(5): 1147-1166

Stewart, A. & S. Rayner 2015 Planning Mega-Event Legacies: Uncomfortable Knowledge for Host Cities. *Planning Perspectives*, 31(2): 157-179

Rayner, S., C. Heyward, T. Kruger, N. Pidgeon, C. Redgwell, J. Savulescu 2013 The Oxford Principles for Geoengineering Governance. *Climatic Change* 121(3):499-512

Burch, S., H. Schroeder, S. Rayner, J. Wilson 2013 Novel Multi-Sector Networks and Entrepreneurship: The Role of Small Businesses in the Multi-Level Governance of Climate Change. *Environment and Planning C* 31(5):822-840

Patel, T. & S. Rayner 2012 A Cultural Analysis of Corporate Sustainability Reporting Practices: Examples from India. *Business and Society*, Online version Jun 6, 2012

Patel, T. & S. Rayner 2012 Towards a Transactional Approach to Culture: Illustrating the Application of Douglasian Cultural Framework in a Variety of Management Settings. *European Management Review*, 9:121-138

Rayner, S. 2012. Uncomfortable Knowledge in Science and Environmental Policy Discourses. *Economy and Society*, 41(1):107-125

Ng, R. & S. Rayner 2010. Integrating Psychometric and Cultural Theory Approaches to Formulate an Alternative Measure of Risk Perception. *Innovation: The European Journal of Social Science*, 23(2):85-100

- Hultman, N., D. Hassenzahl, S. Rayner 2010. Climate Risk: A Critical Review of Tools, Techniques, and Approaches. *Annual Review of Environment and Resources*, 35:283-303
- Rayner, S. 2010. How to Eat an Elephant: A Bottom-up Approach to Climate Policy. *Climate Policy*, 10(6):615-621
- Rayner, S. 2010. Trust and the Transformation of Energy Systems. *Energy Policy* 38: 2617-23
- Prins, G. & S. Rayner 2008. The Kyoto Protocol. *Bulletin of the Atomic Scientists*, 64(1):45-58
- Prins, G. & S. Rayner 2007. Time to Ditch Kyoto. *Nature* 449:973-975
- Rayner, S. 2007. The Rise of Risk and the Decline of Politics. *Environmental Hazards*, 7(2):165-172. **Reprinted in** A. Burgess (ed) *Risk*, Sage, London (2016)
- Pielke Jr, R., G. Prins, S. Rayner, D. Sarewitz 2007. Lifting the Taboo on Adaptation. *Nature* 445:597-8
- Verweij, M., M. Douglas, R. Ellis, C. Engel, F. Hendriks, S. Lohmann, S. Ney, S. Rayner, M. Thompson 2006. Clumsy Solutions for a Complex World. *Public Administration*, 84(4):847-843
- Lach, D., H. Ingram, & S. Rayner 2005. Maintaining the Status Quo: How Institutional Norms and Practices Create Conservative Water Organizations. *University of Texas Law Review*, 83:2027-2053
- Lach, D., S. Rayner, H. Ingram 2005. Taming the Waters: Strategies to Domesticate the Wicked Problems of Water Resource Management. *International Journal of Water*, 3(1)1-17
- Rayner, S., H. Ingram, D. Lach 2005. Weather Forecasts Are for Wimps: Why Water Resource Managers Do Not Use Climate Forecasts. *Climatic Change*, 69(2-3):197-277
- Rayner, S. 2004. The Novelty Trap: Why Does Institutional Learning About New Technologies Seem So Difficult? *Industry and Higher Education*, 18(5):349-355
- Rayner, S. 2003. Who's in Charge? Worldwide Displacement of Democratic Judgment by Expert Assessments. *Economic and Political Weekly* XXXVIII(48):5113-5119. **Reprinted in** A. Baviskar (ed) 2008 *Contested Grounds: Essays on Nature, Culture, and Power*, Oxford University Press, New Delhi

Rayner, S. 2003. Democracy in the Age of Assessment: Reflections on the Roles of Expertise and Democracy in Public-Sector Decision Making. *Science and Public Policy*, 30(3):163-170

Malone, E.L. & S. Rayner 2001. The Role of Research Standpoint in Integrating Global- and Local-Scale Research. *Climate Research*, 19(4):173-178

Rayner, S. & E. L. Malone 2001. Climate Change, Poverty, and Intergenerational Equity: The National Level. *International Journal of Global Environmental Issues*, 1(2):175-202

Rayner, S. 1999. Mapping Institutional Diversity for Implementing the Lisbon Principles. *Ecological Economics*, 31(2):259-74. **Reprinted** in Perri 6 & Gerald Mars (eds) *The Institutional Dynamics of Culture*, Vol II of *The International Library of Essays in Law and Society*, Ashgate, Aldershot (2008)

Costanza, R. et al 1999. Ecological Economics and the Sustainable Governance of the Oceans. *Ecological Economics*, 31(2):171-88

Thompson, M., S. Rayner, S. Ney 1998. Risk and Governance Part II: Policy in a Complex and Plurally Perceived World. *Government and Opposition* 33(3):330-54. **Reprinted** in G. Mars & D. Weir, (eds) *Risk Management, Vol 1*. Ashgate-Dartmouth International Library of Management, Aldershot, 2000. **Also reprinted** in K.R. Turner, I. Bateman, S. Gerrard (eds), *Environmental Risk Planning and Management*. Edward Elgar, Cheltenham (2001). **Also reprinted** in Perri 6 & Gerald Mars (eds) *The Institutional Dynamics of Culture*, Vol II of *The International Library of Essays in Law and Society*, Ashgate, Aldershot (2008)

Thompson, M. & S. Rayner 1998. Risk and Governance Part I: The Discourse of Climate Change, *Government and Opposition* 33(2):139-66. **Reprinted** in K.R. Turner, I Bateman, S. Gerrard (eds), *Environmental Risk Planning and Management*. Edward Elgar, Cheltenham (2000). **Also reprinted** in Perri 6 & Gerald Mars (eds) *The Institutional Dynamics of Culture*, Vol II of *The International Library of Essays in Law and Society*, Ashgate, Aldershot (2008)

Costanza, R. et al 1998. Principles for Sustainable Governance of the Oceans. *Science*, 281:198-9

Rayner, S. & E.L. Malone 1997. Zen and the Art of Climate Maintenance. *Nature*, 390: 332-4

Rayner, S. 1994. Governance and the Global Commons. *Transnational Associations* XLVI(4):202-209, (5):268-281. **Also published as**, The Centre for the Study of Global Governance, Discussion Paper No. 8, London School of Economics, London (1994). **Reprinted** in M. Desai and P. Redfern (eds), *Global Governance: Ethics and Economics of the World Order*, Pinter, New York, 1995.

Rayner, S. 1993. Prospects for CO₂ Emissions Reduction Policy in the USA, *Global Environmental Change*, 3(2):12-31

Rayner, S. 1993. National Case Studies of Institutional Capabilities to Implement Greenhouse Gas Emissions: Introduction. *Global Environmental Change*, 3(1):7-11

Grubb, M., et al. 1991. Energy Policies and the Greenhouse Effect: A Study of National Differences. *Energy Policy*, December, 911-17

O' Riordan, T. & S. Rayner 1991. Risk Management for Global Environmental Change. *Global Environmental Change*, 1(2):91-108

Rayner, S. 1991. A Cultural Perspective on the Structure and Implementation of Global Environmental Agreements. *Evaluation Review*, 15(1):75-102

Gerlach, L.P. & S. Rayner 1988. Culture and the Common Management of Global Risks. *Practicing Anthropology*, 10(3):15-18

Rayner, S. & R. Cantor 1987. How Fair is Safe Enough?: The Cultural Approach to Technology Choice. In *Risk Analysis: An International Journal*, 7(1):3-9. **Reprinted** in R. Löfstedt & L. Frewer (eds) *The Earthscan Reader in Risk and Modern Society*, Earthscan, London (1998). **Also reprinted** in Perri 6 & Gerald Mars (eds) *The Institutional Dynamics of Culture*, Vol II of *The International Library of Essays in Law and Society*, Ashgate, Aldershot (2008)

Rayner, S. 1986. Management of Radiation Hazards in Hospitals: Plural Rationalities in a Single Institution. *Social Studies of Science*, 16(4):573-91. **Reprinted** in Perri 6 & Gerald Mars (eds) *The Institutional Dynamics of Culture*, Vol II of *The International Library of Essays in Law and Society*, Ashgate, Aldershot (2008). **Also reprinted** in R. Dingwall (ed) *Qualitative Health Research*, SAGE , London (2008)

Rayner, S. 1984. Radiation Hazards in Hospitals: A Cultural Analysis of Occupational Risk Perception. *RAIN*, 60:10-12

Rayner, S. 1984. Sickness and Social Control. *Listening: A Journal of Religion and Culture*, 19(2):143-54

CHAPTERS IN BOOKS AND PROCEEDINGS

Heyward, C., S. Rayner, J. Savulescu 2016. Early Geoengineering Governance: The Oxford Principles. In D. Kaplan & J.B. Callicott (eds) *Technology and the Environment*, MIT Press, Cambridge MA

Heyward, C., & S. Rayner 2016. Apocalypse Nicked: Stolen Rhetoric in Early Geoengineering Advocacy. In S. Crate & M. Nuttall (eds) *Anthropology and Climate Change: from actions to transformations*, West Coast Press, Walnut Creek CA

Linner, B-O. & S. Rayner 2015. An Innovation Investment Framework? In K. Bäckstrand & E. Lövbrand, (eds) *Research Handbook on Climate Governance*. Edward Elgar, Cheltenham

Hansson, A. , S. Rayner, V.Wibeck 2015. Climate Engineering. In K. Bäckstrand & E. Lövbrand, (eds) *Research Handbook on Climate Governance*. Edward Elgar, Cheltenham

Heyward, C., & S. Rayner 2015. Uneasy Expertise: Geoengineering, Social Science, and Democracy in the Anthropocene. In M. Heazle & J. Kane (eds) *Policy Legitimacy, Science and Political Authority: Knowledge and Action in Liberal Democracies*. Routledge Earthscan, Abingdon

Rayner, S. 2015. To Know or Not to Know? A Note on Ignorance as a Rhetorical Resource in Geoengineering Debates. In M. Gross & L. McGoe (eds) *International Handbook of Ignorance Studies*, Routledge, London

Rayner, S. & C. Heyward 2013 The Inevitability of Nature as a Rhetorical Resource. In K. Hastrup (ed) *Anthropology and Nature*. Routledge, Abingdon

Rayner, S. 2010. Climate Geoengineering Governance – Regulierung der Klima-Manipulation. In U. Simonis (ed) *Die Klima-Manipulateure: Rettet uns oder Geo-engineering? Jahrbuch Ökologie*, Hirzel, Stuttgart

Caswill, C. & S. Rayner 2009. Empowered or reduced? Reflections on the citizen and the push for participation. In J. Stilgoe (ed) *The future of public dialogue with science*. Department for Innovation, Universities and Skills, London

Rayner, S. 2009. Weather, Climate and Everyday Life: Social Science Perspectives. In V. Jankovic & C. Barboza (eds) *Weather, Local Knowledge and Everyday Life: Issues in Integrated Climate Studies*. MAST, Rio de Janeiro

Rayner, S. 2009. Human Capital, Social Capital and Institutional Capacity. In T. Graedel & E. van der Voet (eds) *Linkages of Sustainability*, MIT Press, Cambridge MA

Loshel, A., M. Delucchi, T. Demayo, D. Gautier, D. Greene, J. Johnston, J. Ogden, S. Rayner, E. Worrell 2009. Energy: Stocks, Flows, and Prospects. In T. Graedel & E. van der Voet (eds) *Linkages of Sustainability*, MIT Press, Cambridge MA

Tansey, J., & S. Rayner 2008. Cultural Theory and Risk. In *The Handbook of Risk* R. Heath & D. O'Hair (eds) Routledge, New York

Patel, T. & S. Rayner, 2008. A Cultural Appreciation of Corporate Sustainability Reporting by Indian Companies. *Proceedings of the Annual Conference of the British Academy of Management Conference*. Harrogate

Rayner, S. 2007. Creating a Climate for Change: The Influence of Luther Gerlach in Critical Thinking About Climate Policy. In L. Brandt (ed) *Cultural Analysis and the Navigation of Complexity: A Festschrift in Honor of Luther Gerlach*. University Press of America. Lanham, Maryland

Verweij, M., M. Douglas, R. Ellis, C. Engel, F. Hendriks, S. Lohmann, S. Ney, S. Rayner, M. Thompson 2006. *The Case for Clumsiness*. In M. Verweij & M. Thompson (eds) *Clumsy Solutions for a Complex World*. Palgrave. Basingstoke

Lach, D., H. Ingram, S. Rayner 2006. *You Never Miss the Water till the Well Runs Dry: Crisis and Creativity in California*. In M. Verweij & M. Thompson (eds) *Clumsy Solutions for a Complex World*. Palgrave. Basingstoke

Lach, D., H. Ingram, S. Rayner 2003. Coping with Climate Variability: Municipal Water Agencies in Southern California. In H.F. Diaz & B.J. Morehouse (eds) *Climate and Water: Transboundary Challenges in the Americas*. Kluwer, Dordrecht

Bradbury, J. & S. Rayner 2002. Reconciling the Irreconcilable. In H. Alba & A. Baranzani (eds) *Implementing Sustainable Development: Integrated Assessment and Participatory Decision-Making Processes*. Edward Elgar, Cheltenham

Rayner, S. & E.L. Malone 2000. Security, Governance, and Environment. In M. Lowi & B.R. Shaw (eds) *Environment and Security: Discourses and Practices*, Macmillan, New York

Rayner, S. 2000. Prediction and Other Approaches to Climate Change Policy. In D. Sarewitz, R.A. Pielke Jr., R. Byerly Jr (eds) *Prediction: Science, Decision Making, and the Future of Nature*. Island Press, Washington DC

Rayner, S. & E.L. Malone 2000. Climate Change, Poverty, and Intra-Generational Equity at the National Level. In M. Munasinghe & R. Swart (eds) *Climate Change and Its Linkages with Development, Equity, and Sustainability: Proceedings of the IPCC Expert Meeting held in Colombo, Sri Lanka, 27-29 April 1999*. LIFE/RIVM/World Bank, Washington DC.

Rayner, S., E.L. Malone, M. Thompson 1999. An Overview of Fairness and Equity Issues for Integrated Climate Change Assessments. In F. Toth (ed) *Fair Weather: Equity Concerns in Climate Change*, Earthscan, London

Rayner, S. 1999. Understanding Decision Framing in the United States. In R. Cripps (ed) *Climate Change Policy in Germany and the United States*, GAAC, Washington, DC

Rayner, S. 1998. Civil Society and Fairness in Sustainable Governance Strategies for Ocean and Coastal Zones. In R. Constanza and F. Andrade (eds) *Ecological Economics and Sustainable Governance of the Oceans*, FLAD, Lisbon

Pahl-Wostl, C. et al 1998. Integrated Assessment of Climate Change and the Problem of Indeterminacy. In P. Cebon et al. (eds) *A View from the Alps: Regional Perspectives on Climate Change*, MIT Press, Cambridge, Massachusetts

Rayner, S. & E.L. Malone 1998. Why Study Human Choice and Climate Change? In S. Rayner & E.L. Malone (eds) *Human Choice and Climate Change: An International Assessment, Volume 4 What Have We Learned?* Battelle Press, Columbus, Ohio

Rayner, S. & E.L. Malone 1998. The Challenge of Climate Change to the Social Sciences. In S. Rayner & E.L. Malone (eds) *Human Choice and Climate Change: An International Assessment, Volume 4 What Have We Learned?* Battelle Press, Columbus, Ohio

Rayner, S. & E.L. Malone 1998. Social Science Insights into Climate Change. In S. Rayner & E.L. Malone (eds) *Human Choice and Climate Change: An International Assessment, Volume 4 What Have We Learned?* Battelle Press, Columbus, Ohio

Rayner, S. & E.L. Malone 1998. Ten Suggestions for Policymakers, In S. Rayner and E.L. Malone (eds) *Human Choice and Climate Change: An International Assessment, Volume 4 What Have We Learned?*, Battelle Press, Columbus, Ohio

O. Riordan, T. et al. 1998. Institutional Frameworks for Political Action. In S. Rayner & E.L. Malone (eds) *Human Choice and Climate Change: An International Assessment, Volume 1, The Societal Framework*, Battelle Press, Columbus, Ohio

Thompson, M. & S. Rayner 1998 Cultural Discourses. In S. Rayner & E.L. Malone (eds) *Human Choice and Climate Change: An International Assessment Volume 1, The Societal Framework*. Battelle Press, Columbus, Ohio

Rayner, S. 1995. A Conceptual Map of Human Values for Climate Change Decision Making. In A. Katama (ed) *Equity and Social Considerations Related to Climate Change: Papers presented at the IPCC Working Group III Workshop*, ICIPE Science Press, Nairobi

- Cantor, R. & S. Rayner 1994. Changing Perceptions of Vulnerability. In R. Socolow, C. Andrews, F. Berkhout & V. Thomas (eds) *Industrial Ecology and Global Change*, Cambridge University Press, New York
- Rayner, S. & K. Richards 1994. I think That I Shall Never See ... A Lovely Forestry Policy: Land Use Programs for Conservation of Forests. In A. Amano et al (eds) *Climate Change: Policy Instruments and their Applications: Proceedings of the Tsukuba Workshop of IPCC Working Group III*, Intergovernmental Panel on Climate Change, Center for Global Environmental Research, Tsukuba
- Rayner, S. et al. 1994. A Wiring Diagram for the Study of Land-Use/Cover Change. In W. Meyer and B. L. Turner (eds) *Global Land-Cover and Land-Use Change*, Cambridge University Press, New York
- Rayner, S. (ed), 1993. Impacts of NEPA on the Environmental Policies of Other Nations, In J. Cannon and S. Hildebrand (eds) *The Scientific Challenges of NEPA: New Directions Based on 20 Years Experience*, Lewis Publishers, Chelsea, MI
- Rayner, S. 1993. Risikowahrnehmung, Technologieakzeptanz und institutionelle Kultur: Fallstudien fuer einige neue Definitionen." In F. Holzheu & P. Wiedemann (eds) *Risiko ist ein Konstrukt*. Knesbeck, Munich. **Also published in the English edition as**; Risk Perception, Technology Acceptance, and Institutional Culture. In F. Holzheu & P. Wiedemann (eds) *Risk is a Construct*. Knesbeck, Munich
- Ausubel, J. et al. 1992. Social and Institutional Barriers to Reducing CO₂ Emissions. In G.I. Pearman (ed) *Limiting Greenhouse Effects: Controlling Carbon Dioxide Emissions*. John Wiley and Sons, New York
- Rayner, S. 1992. Cultural Theory and Risk Analysis. In S. Krimsky and D. Golding (eds) *Social Theories of Risk*, Greenwood Press, Westport, Connecticut. **Also translated and published in Chinese** by Beijing Publishing House, Beijing 2005
- Rayner, S. 1992. Nature Myths and Policy Design. In V. W. Ruttan (ed) *Sustainable Agriculture and the Environment: Perspectives on Growth and Constraints*. Westview Press, Boulder
- Rayner, S. 1991. Expertises et Gestion de L'Environnement Global. In J. Theys (ed) *Environnement, Science, et Politique: Les Experts Sont Formels*. Germes, Paris
- Rayner, S. 1991. The Greenhouse Effect in the US: The Legacy of Energy Abundance. In M. Grubb (ed) *Energy Policies and the Greenhouse Effect* Vol. 2. Royal Institute of International Affairs, Dartmouth Publishing Company, Brookfield, Vermont
- Cantor, R. & S. Rayner 1990. Thinking the Unthinkable: Preparing for Global Disaster. In L.A. Cox and P.F. Ricci (eds) *New Risks: Issues and Management*, Plenum Press, New York.

O'Riordan, T. & S. Rayner 1990. Chasing a Spectre: Risk Management for Global Environmental Change," The Council for Science and Society, Occasional Paper No. 2, London. **Also published in** abbreviated form in R.E. Kasperson, et al (eds) *Understanding Global Environmental Change: The Contributions of Risk Analysis and Management*. Center for Technology, Environment, and Development, Worcester, Massachusetts, 1990. **Also reprinted** in S.L. Cutter (ed) *Environmental Risks and Hazards*, Prentice-Hall, Englewood Cliffs, 1994

Cantor, R, D. Jones, P. Leiby, S. Rayner 1989. Policies to Encourage Private Sector Responses to Potential Climate Change. In A.B. Baker and H.G. Huntington (eds) *Energy Markets in the 1990s and Beyond*, International Association for Energy Economics, New York.

Rayner, S. 1989. Risk in Cultural Perspective. In G. M. Von Furstenberg (ed) *Acting Under Uncertainty: Multidisciplinary Conceptions*. Kluwer, Norwell, MA

Rayner, S. 1989. The Relevance of Culture to Science and Technology Policy. In M. Freilich (ed) *The Relevance of Culture*. Bergin and Garvey, South Hadley, Massachusetts

Rayner, S. 1988. Risk Communication in the Search for a Global Climate Management Strategy. In H. Jungermann, R.E. Kasperson, P.M. Wiederman (eds) *Risk Communication*. KFA Julich GmbH, Zentralbibliothek, Julich

Flanagan, J. and S. Rayner 1988. Introduction. In J. Flanagan and S. Rayner (eds) *Rules, Decisions, and Inequality in Egalitarian Societies*. Avebury, Brookfield, Vermont

Rayner, S. 1988. The Rules That Keep Us Equal: Complexity and Costs of Egalitarian Organization. In J. Flanagan and S. Rayner (eds) *Rules, Decisions, and Inequality in Egalitarian Societies*, Avebury, Brookfield, Vermont. **Reprinted** in Perri 6 & Gerald Mars (eds) *The Institutional Dynamics of Culture, Vol I of The International Library of Essays in Law and Society*, Ashgate, Aldershot (2008).

Rayner, S. & L.W. Rickert 1988. Perception of Risk: The Social Context of Public Concern Over Non-Ionizing Radiation. In M. Repacholi (ed) *Proceedings of the International Non-Ionizing Radiation Workshop, 5-9 April 1988*. IRPA Publications, London

Cantor, R., S. Rayner, R.B. Braid 1988. The Role of Liability Preferences in Societal Technology Choices: Results of a Pilot Study. In L. Lave (ed) *Risk Assessment and Management*, Plenum Press, New York

Rayner, S. 1987. Risk and Relativism in Science for Policy. In B.B. Johnson and V.T. Covello (eds) *The Social and Cultural Construction of Risk*, Reidel, Dordrecht

Rayner, S. & R. Cantor 1987. Quand le Risque Acceptable Est-Il Socialement Justifie? In J-L. Fabiani and J. Theys (eds) *La Societe Vulnerable*. Ecole Normale Superieure, Paris

Rayner, S. 1987. Learning From the Blind Men and the Elephant: or Seeing Things Whole in Risk Management. In V.T. Covello et al, (eds) *Uncertainty in Risk Assessment, Risk Management and Decision Making*. Plenum Press, New York

Cantor, R. & S. Rayner 1986. The Fairness Hypothesis and Managing the Risks of Societal Technology Choice. ASME Paper 86-WA/TS-5, *American Society of Mechanical Engineers*, New York

Rayner, S. 1986. The Politics of Schism. In J. Law (ed) *Power, Action and Belief: The New Sociology of Knowledge*. Routledge and Kegan Paul, London

Rayner, S. 1984. Disagreeing About Risk: The Institutional Cultures of Risk Management and Planning for Future Generations. In S. Hadden (ed) *Risk Analysis, Institutions, and Public Policy*. Associated Faculty Press, Port Washington, New York

Rayner, S. 1982. The Perception of Time and Space in Egalitarian Sects: A Millenarian Cosmology. In M. Douglas (ed) *Essays in the Sociology of Perception*. Routledge and Kegan Paul, London

CONGRESSIONAL AND PARLIAMENTARY TESTIMONIES

Rayner, S., C. Redgwell, J. Savulescu, R. Darton, M. Allen & T. Kruger 2014 Memorandum on Horizon Scanning. Written submission to the Science and Technology Committee, UK House of Commons (Cited in Report)

Rayner, S., C. Redgwell, J. Savulescu, N. Pidgeon, & T. Kruger 2009 Memorandum on Draft Principles for the Conduct of Geoengineering Research. Written submission to the Science and Technology Committee, UK House of Commons (Cited in Report)

Rayner, S. 2008 Geoengineering the Climate. Personal appearance before the Innovation Universities, Science and Skills Committee, UK House of Commons

Rayner, S. 2004 The international Challenge of Climate Change: UK leadership in the G8 and EU. Personal appearance before the Environmental Audit Committee, UK House of Commons

Rayner, S. 1993 Global Change Research: Science and Policy. Personal appearance before the Committee on Science, Space, and Technology, US House of Representatives

Fulkerson, W., R.M. Cushman, G. Marland, S. Rayner. 1989 International Impacts of Global Climate Change. Personal appearance by Fulkerson before the Subcommittee on Foreign Operations, Export Financing, and Related Programs, US House of Representatives

REVIEW ARTICLES, ENCYCLOPEDIA ENTRIES, EDITORIALS, WORKING PAPERS AND COMMENTARIES

Rayner, S. 2016 Editorial: What Would Evans-Pritchard Have Made of Two Degrees? *Anthropology Today* 32(4): 1-2

Kruger, T., O. Geden, S. Rayner 2016 Abandon Hype in Climate Models, *The Guardian Science*, 26 April

Rayner, S. 2016 The Road from Paris: Future Directions. *Seminar* 683 (July): 17-19

Healey, P. & S. Rayner 2015 *Key Findings from the Climate Geoengineering Governance Project*. CGG Working Paper no. 25. InSIS, Oxford

Rayner, S. 2015 Oxford in 2065: Governance. *Oxford Today*, 27(2): 38

Rayner, S. 2014 Wicked Problems, *Environmental Scientist*, April: 4-6

Rayner, S. 2014. *To Know or Not to Know? A Note on Ignorance as a Rhetorical Resource in Geoengineering Debates*. CGG Working Paper no 10. InSIS, Oxford

Heyward, C & S. Rayner 2013. *A Curious Asymmetry: Social Science Expertise and Geoengineering*. CGG Working Paper no 7, InSIS, Oxford

Heyward, C. & S. Rayner. *Apocalypse Nicked!* CGG Working Paper no 6, InSIS, Oxford

Rayner, S., C. Heyward, T. Kruger, N. Pidgeon, C. Redgwell, J. Savulescu. 2013. *The Oxford Principles*. CGG Working Paper no. 1, InSIS, Oxford

Rayner, S. 2010 *Climate Geoengineering Governance*. Discussion Paper, Wissenschaftszentrum Berlin für Sozialforschung

Rayner, S. 2010 Geoengineering: More Meddling- the Solution to the Planet's Ills. *New Scientist*, 9 October:38-39

Rayner, S. 2008 Take Climate Change Seriously. *Wired* 16:10, 22 September

Prins, G. & S. Rayner 2007 Hot Air in Bali. *Wall Street Journal*, 8 December

Prins, G. & S. Rayner 2007 The Deeper Wickedness of Aids. *Research Africa*, 20 March:20-22

Rayner, S. 2006 Back to the roots: Commentary on Viable Institutions and Scope for Incoherence by Perri 6. In L. Daston and C. Engel (eds) *Is there value in inconsistency?* Nomos, Baden-Baden

Rayner, S. 2006 What drives Environmental Policy? *Global Environmental Change* 16(1):4-6

Rayner, S. 2003. GM Diplomacy: Why We Can't Agree. *Newsweek*, September 15 CXLII(11):55

Rayner, S. 2003. Domesticating Nature: Commentary on the Anthropological Study of Weather and Climate Discourse. In B. Orlove & S. Strauss (eds) *Weather, Climate Culture*. Berg Publishers, Oxford

Rayner, S. 2003. Sustainable Development is Overdue for a Rethink. *Business at Oxford*, 2:22-23

Rayner, S. 2002. Science and Society, *Chemistry and Industry*, 19:16-17

Rayner, S. 2002. We Know Enough, *The Guardian Science*, 2 Sept

Rayner, S. 2001. Various commentaries in N. Mirovitskaya & W. Ascher, *Guide to Sustainable Development and Environmental Policy*. Duke University Press, Durham, North Carolina

Rayner, S. & E.L. Malone 2001. Social and Economic Approaches to Global Environmental Change. In *The Encyclopedia of Global Environmental Change*, Volume 5 Social and Economic Dimensions of Global Environmental Change T. Munn and P. Timmerman (eds), John Wiley, Chichester

Rayner, S. 1994. Social Solidarities and Environmental Separations: Commentary on B.L. Turner et al, "The Earth as Transformed by Human Action." *Annals of The Association of American Geographers*, 84(4):715-21

Rayner, S. 1993. Commentary on Christopher Boehm's "Egalitarian Behavior and Reverse Dominance Hierarchy." *Current Anthropology*, 34(3): 244-45

Rayner, S. 1992. Committee on the Human Dimensions of Global Change, National Research Council, "Global Environmental Change: Understanding the Human Dimensions." Report on Reports, *Environment*, 34(7):25-28

Rayner, S. 1989. Editorial: Fiddling While the Globe Warms. *Anthropology Today*, 5(6): 1-2

Rayner, S. 1989. Risk, Uncertainty and Social Organization: Mary Douglas: "Risk Acceptability According to the Social Sciences;" Arthur L. Stinchcombe and Carol A. Heimer: "Organization Theory and Project Management;" and Joseph G. Morone and Edward J. Woodhouse: "Averting Catastrophe," featured essay in *Contemporary Sociology*, 19(1): 6-9

Rayner, S. 1988. Muddling Through Metaphors to Maturity: A Commentary on Kaspersen et al., "The Social Amplification of Risk," in *Risk Analysis: An International Journal*, 8(2):201-4

Rayner, S. 1986. Commentary on J.R. Ravetz, "Usable Knowledge, Usable Ignorance: Incomplete Science with Policy Implications." In W.C. Clark and R. Munn (eds), *Sustainable Development of the Biosphere*, IIASA-Cambridge University Press, New York

Rayner, S. 1985. Three articles: Mary Douglas; Grid/Group Analysis; and Risk Analysis. In A. Kuper and J. Kuper (eds), *The Social Science Encyclopedia*. Routledge and Kegan Paul, London

Rayner, S. 1977. Sir Edmund Leach: "Social Anthropology: A Natural Science of Society" and Max Gluckman: "African Traditional Law." *RAIN*, 19():9-10

BOOK REVIEWS

Rayner, S. 2014 Geoffrey Parker: "Global Crisis: War, Climate Change and Catastrophe in the Seventeenth Century." *Population and Development Review* 40(4):12-13

Rayner, S. 2003. "Donald A. Brown: American Heat: Ethical Problems with the United States' Response to Global Warming." *Environmental Science and Policy*, 6(5):467-9

Rayner, S. 1995. Gary C. Bryner (ed): "Global Warming and the Challenge of International Cooperation." *Forum*, 10(5):

Rayner, S. 1991. Oran R. Young: "International Cooperation: Building Regimes for Natural Resources and the Environment." *International Affairs*, 67(2):341-2

Rayner, S. 1990. Aaron Wildavsky: "Searching for Safety." *American Anthropologist*, 92(3):807-8

Rayner, S. 1989. Neil D. Weinstein: "Taking Care: Understanding and Encouraging Self-Protective Behavior." *Man*, 23(1):197-8:

Rayner, S. 1988. Brian P. Bloomfield: "Modeling the World: The Social Construction of Systems Analysts." *Sociological Review*, 36(4):814-5

Rayner, S. 1987. Paul Chilton: "Language and the Nuclear Arms Debate: Nukespeak Today." *Sociological Review*, 35(4):884-8

Rayner, S. 1984. Alain Touraine, et al.: "Anti-Nuclear Protest: The Opposition to Nuclear Energy in France." *Sociological Review*, 32(1):165-8

Rayner, S. 1983. Mary Douglas: "In the Active Voice." *Sociological Review*, 31(3):568-72

Rayner, S. 1981. "Ernest Gellner: *Soviet and Western Anthropology*," *American Anthropologist*, 83(3):721-3

Rayner, S. 1981. "Roy Wallis: *Salvation and Protest*," *Sociological Review*, 29(3):

REPORTS AND CHAPTERS IN REPORTS

Haines, S., S. Rayner, J. Lezaun 2013 *Review of the Implementation of Multi-criteria Analysis within an Identified Set of Reviews*, Defra, London

Atkinson, R., N. Chetri, J. Freed, I. Galiana, C. Green, S. Hayward, J. Jenkins, E. Malone, T. Nordhaus, R. Pielke Jr., G. Prins, S. Rayner, D. Sarewitz, M. Shellenberger 2011 *Climate Pragmatism: Innovation, Resilience, and No Regrets*, Breakthrough Institute, Oakland, California

Prins, G., I. Galiana, C. Green, R. Grundmann, M. Hulme, A. Korhala, F. Laird, T. Nordhaus, R. Pielke Jr, S. Rayner, D. Sarewitz, M. Shellenberger, N. Stehr, T. Hiroyuki 2010. *The Hartwell Paper: A New Direction for Climate Policy after the Crash of 2009*. Joint Research Paper of the Institute for Science, Innovation & Society, University of Oxford and the Mackinder Programme for the Study of Long-Wave Events, London School of Economics and Political Science, London

Royal Commission on Environmental Pollution 2010. *Adapting Institutions to Climate Change*. The Stationery Office, London

Allsop et al. 2010. *Science and Trust Expert Group Report & Action Plan: Starting a National Conversation about Good Science*. Department of Business Innovation and Skills, London

Royal Commission on Environmental Pollution 2009. *Artificial Light in the Environment*. RCEP, London

Shepherd, J., K. Caldeira, P. Cox, J. Haigh, D. Keith, B. Launder, G. Mace, G. McKerron, J. Pyle, S. Rayner, C. Redgwell, A. Watson 2009. *Geoengineering the Climate: Science, Governance and Uncertainty*. The Royal Society, London

Prins, G., M. Cook, C. Green, M. Hulme, A. Korhala, E. Korhala, R. Pielke Jr, S. Rayner, D. Sarewitz, N. Stehr, H. von Storch 2009. *How to Get Climate Policy Back on Course*. Joint Research Paper of the Institute for Science, Innovation and Society and the MacKinder Programme for the Study of Long-Wave Events, Institute for Science, Innovation and Society, Oxford

Royal Commission on Environmental Pollution 2008. *Twenty-Seventh Report, Novel Materials in the Environment*. The Stationery Office, London

Prins, G. & S. Rayner 2007. *The Wrong Trousers*. Joint Research Paper of the James Martin Institute for Science and Civilization and the MacKinder Centre for the Study of Long-Wave Events, James Martin Institute, Oxford

Sathaye, J. et al. 2007. Sustainable Development and Mitigation. In O. Davidson and B. Metz, R. Bosch, R. Dave, L. Meyer (eds.) *Mitigation: Report of Working Group III of the Fourth Assessment of the Intergovernmental Panel on Climate Change*,

Cambridge University Press, New York

Papon, P. et al. 2007. *Mid-Term Assessment of Science and Society Activities 2002-2006: Report to the European Commission*. DG Research, Brussels

Royal Commission on Environmental Pollution 2007. *Twenty-sixth Report, The Urban Environment*. The Stationery Office, London

Royal Commission on Environmental Pollution 2005. *Crop Spraying and the Health of Residents and Bystanders*. RCEP, London

Royal Commission on Environmental Pollution 2004. *Twenty-fifth Report, Turning the Tide: Addressing the Impact of Fisheries on the Marine Environment*, The Stationery Office, London

Oxford Commission on Sustainable Consumption 2004. *Oxford Commission on Sustainable Consumption Report*, Mansfield College, Oxford

Royal Commission on Environmental Pollution 2004. *Special Report, Biomass as a Renewable Energy Source*, RCEP, London

Rayner, S., D. Lach, H. Ingram, M. Houck 2002. *Weather Forecasts are for Wimps: Why Water Managers Don't Use Climate Forecasts*. Report to the Office of Global Programs, National Oceanic and Atmospheric Administration. Oregon State University, Corvallis, Oregon

Rayner, S. 2002. In Defence of Disciplines: Personal Reflections of an Interdisciplinary Scholar. In *Inter- and Pluri-disciplinary Research - Design and Delivery*. Report 2002/7 Danish Institute for Studies in Research and Research Policy; Aarhus, Denmark

Banuri, T, et al. 2001. Setting the Stage: Climate Change and Sustainable Development. In O. Davidson & B. Metz (eds.) *Climate Change Mitigation: Report of Working Group III of the Third Assessment of the Intergovernmental Panel on Climate Change*, Cambridge University Press, New York

Rayner, S. & E.L. Malone 1997. *Ten Suggestions for Policy Makers: Guidelines from an International Social Science Assessment*, Battelle, Columbus, Ohio

Rayner, S. 1997. *Interim Assessment of the Global Environmental Change Programme of the Economic and Social Research Council of Great Britain*. Report to the Research Priorities Board, ESRC, Swindon

Rayner, S. & R. Klimisch 1996. Report of the Macro Workshop. In P.M. Eisenberger (ed), *Basic Research Needs for Environmentally Responsive Technologies of the Future*. Princeton Materials Institute, Princeton

Schneider, T.R. & S. Rayner 1996. Social Political & Regulatory Issues. In

P.M. Eisenberger (ed), *Basic Research Needs for Environmentally Responsive Technologies of the Future*. Princeton Materials Institute, Princeton

Benedick, R., J. Edmonds, S. Rayner 1995. *Human Choice and Climate Change: The Role of the Social Sciences in Climate Change*. Report prepared for the First Conference of the Parties of the Framework Convention on Climate Change, Berlin

Edmonds, J. et al, 1991. "Carbon Taxation and International Trade" In R.A. Bradley, E.C. Watts, E.R. Williams (eds), *Limiting Net Greenhouses Gas Emissions in the United States*. Report to the Congress of the United States, U.S. Department of Energy, Washington, D.C., DOE/PE-0101, Vol. 2, 1991

MacCracken, M. et al. 1990. *Energy and Climate Change: Report of the DOE Multi-Laboratory Climate Change Committee*, Lewis Publishers, Chelsea, Michigan

Rayner, S., W. Naegeli, P. Lund 1990. *Managing the Global Commons: Decision Making and Conflict Resolution in Response to Climate Change*, Oak Ridge National Laboratory, ORNL/TM-11619, 1990

Rayner, S. (lead author) 1989. R.A. Bradley & E.R. Williams (eds), *A Compendium of Options for Government Policy to Encourage Private Sector Responses to Potential Climate Change, Executive Summary*." Report to the Congress of the United States, U.S. Department of Energy, Washington, D.C., DOE/EH-0102

Rayner, S. (lead author) 1989. R.A. Bradley & E.R. Williams (eds), *A Compendium of Options for Government Policy to Encourage Private Sector Responses to Potential Climate Change, Volume 1: Methodological Justification and Generic Policy Instruments*. Report to the Congress of the United States, U.S. Department of Energy, Washington, D.C., DOE/EH-0103,1

Rayner, S. (lead author) 1989. R.A. Bradley & E.R. Williams (eds), *A Compendium of Options for Government Policy to Encourage Private Sector Responses to Potential Climate Change, Volume 2: Policy Options by Sector and Considerations for Assembling a Policy Package*. Report to the Congress of the United States, U.S. Department of Energy, Washington, D.C., DOE/EH-0103,2

Fulkerson, W., R. Cushman, G. Marland, S. Rayner 1989. *International Impacts of Global Climate Change: Testimony to House Subcommittee on Foreign Operations, Export Financing, and Related Programs*. Oak Ridge National Laboratory, ORNL/TM-11184

Cantor, R., S. Henry, S. Rayner 1989. *Markets, Distribution and Exchange After Societal Cataclysm*. Oak Ridge National Laboratory, ORNL-6384

Gerlach, L.P. & S. Rayner 1988. *Managing Global Climate Change: A View From the Social and Decision Sciences*. Oak Ridge National Laboratory, ORNL-6390

Evans, D.M. et al. 1988. *Environmental Assessment for the Proposed Northeast Regional Communications Facility*. Department of the Air Force, Washington, DC

Braid, R.B. et al. 1987. *GEIS Project Plan and Schedule*. Oak Ridge National Laboratory, ORNL/TM-10347

Schweitzer, M. et al. 1987. *Weatherization Assistance for Low-Income Households: An Evaluation of Local Program Performance*. Oak Ridge National Laboratory, ORNL-06337

Trauger, D.B. et al. 1986. *Nuclear Power Options Viability Study, Vol. I, Executive Summary*. Oak Ridge National Laboratory, ORNL/TM-9780/1

Trauger, D.B. et al. 1986. *Nuclear Power Options Viability Study, Vol. III, Nuclear Discipline Topics*. Oak Ridge National Laboratory, ORNL/TM-9780/3, 1986

Grady, S. et al. 1983. *Socioeconomic Assessment of Partial Closure of the Portsmouth Uranium Enrichment Facility*. Science Applications International, Inc., for Oak Ridge Operations, U.S. DOE/OR/20837-T5

Grady, S. et al. 1983. *Socioeconomic Assessment of Partial Closure of the Paducah Uranium Enrichment Facility*. Science Applications International, Inc., for Oak Ridge Operations, U.S. DOE/OR/20837-T6

Grady, S. et al. 1983. *Socioeconomic Assessment of Partial Closure of the Oak Ridge Uranium Enrichment Facility*. Science Applications International, Inc., for Oak Ridge Operations, U.S. DOE/OR/20837-T7

Rayner, S., C. Kerley, R. Lee 1983. *Review of Public Comments on Criteria to Assess Viability of the Domestic Uranium Mining and Milling Industry*. Oak Ridge National Laboratory, for the Energy Information Administration, U.S. DOE

VIDEOS PLAYLIST

Engineering a Cooler Planet: Could we? Should we?

17 June 2016

<https://www.youtube.com/watch?v=LXWkMzAO-Mk>

Climate Engineering: Responsible Innovation or Reckless Folly?

MVI Conference, 24 Aug 2015

<https://www.youtube.com/watch?v=osklWu4Ksfc>

Top-down or bottom-up: getting traction on climate change, OMS 7 May 2015

<https://www.youtube.com/watch?v=5bMIs7icUwo>

Climate Geoengineering Governance, Royal Society 26 Nov 2014

https://www.youtube.com/watch?v=-Zv6YEDNn_M&index=95&list=PL-gALfcAr8alt-pfLrFt9ylu3KX_sF11a

Blavatnik School Cities Conference 11 Dec 2014

<http://www.bsg.ox.ac.uk/multimedia/video/cogc2014-sustainable-cities>

Burntwood Lecture 18 Nov 2014

<https://www.youtube.com/watch?v=PEkvP3EUKJg>

FT Transformational Business Awards

<https://www.ft-live.com/ft-events/ft-ifc-transformational-business-conference-awards/sessions/guest-speaker>

The Future City

Oxford China Lecture Dec 2013

<http://www.oxfordmartin.ox.ac.uk/videos/view/340>

The Flexible City – Infrastructure and Technology

Oxford University Oct 2013

https://www.youtube.com/watch?v=w9WHBv3m6eQ&index=6&list=PLbSsAzr_nrgZ-hbK09v-sjJ6kKgdcuhww

How to eat an Elephant: Why Climate Change Policy is in a Mess and How to Fix it.

Oxford University May 15 2013

<https://www.youtube.com/watch?v=FGOESitts5U>

Geoengineering -- the problem of competing values in environmental and technological governance March 2013

https://www.youtube.com/watch?v=Jp-b_6-e-4o

OMS Geoengineering Ethics

Oxford University March 2013

<http://www.oxfordmartin.ox.ac.uk/videos/view/246>

NETS presentation

Policy Exchange London February 2013

<http://www.oxfordmartin.ox.ac.uk/videos/view/235>

<http://www.youtube.com/watch?v=G4EHLleWk-s>

Negative Emissions Technologies

Policy Exchange February 2013

www.youtube.com/watch?v=1lSZHEeU9Xk

Flexible Cities

Deutsche Bank 2 November 2012

<http://www.youtube.com/watch?v=2CDJ0n0Z1Kc>

Future Cities, OMS 2012

<http://www.oxfordmartin.ox.ac.uk/videos/view/192>

Building Technologies, OMS 2012

<http://www.oxfordmartin.ox.ac.uk/videos/view/193>

How to eat an elephant

Oxford Alumni Weekend Oct 2012

<http://podcasts.ox.ac.uk/how-eat-elephant-why-climate-change-policy-mess-and-how-fix-it-video>

The flexible city

Oxford Alumni Weekend Oct 2012

<http://podcasts.ox.ac.uk/flexible-city-overcoming-lock-and-path-dependency-video>

The battle against the Fates

Battle of Ideas, 6 Feb 2012

<http://www.youtube.com/watch?v=ZxeBADy0oSQ>

Don't get locked in

Iq2if conference 25 Jan 2012

<http://www.youtube.com/watch?v=POrmmVqMDtU>

Geoengineering our climate

Centre for International Governance Innovation (CIGI) 25 Jan 2012

<http://www.youtube.com/watch?v=gR5SCDnvBpo>

Why the Kyoto Protocol failed and a new way forward

Breakthrough Institute 6 Sep 2011

http://www.youtube.com/watch?v=6frcka_DnrM&feature=related

Two sides of the Creativity Coin – Innovation and Lock-In
Creativity Lecture Keble College July 2011

<http://podcasts.ox.ac.uk/creativity-lecture-4-two-sides-creativity-coin-innovation-and-lock-video>

Governance of imagined technologies

Franco-British Workshop on Responsible Innovation May 2011

http://www.dailymotion.com/video/xj5sei_talk-15-15-steve-rayner-franco-british-workshop-on-responsible-innovation_tech

Policy Based Evidence?

Battle of Ideas 16 Feb 2011

<http://www.youtube.com/watch?v=oa3U9ilbV2U>

Aspects of intervention in the Earth's natural systems

Royal Society Oct 2010

<http://www.oxfordmartin.ox.ac.uk/videos/view/58>

<http://www.youtube.com/watch?v=qm37620Af8U&list=UUmXB98lpzelFrlryV2lIXUQ&index=2&feature=plcp>

Handbags and Goats' Entrails

CRASSH, Cambridge 12 July 2010

<http://sms.cam.ac.uk/media/1083424>

Finding the right trousers: Radical rethinking climate policy and the implications for low-carbon energy

Renewable and Sustainable Energy Institute, University of Colorado 2010

<http://vimeo.com/8270067>

Art and Climate Change

Tate Modern 20 March 2010

<http://www.tate.org.uk/context-comment/video/rising-climate-challenge-artists-and-scientists-imagine-tomorrows-world-part-6>

Talking management

Toronto Globe and Mail 23 Sep 2008

<http://podcasts.mcgill.ca/business-leadership/talking-management-steve-rayner-part-2/>

http://v1.theglobeandmail.com/servlet/story/RTGAM.20080924.wvRayner0924/VideoStory/VideoLineup/?pid=RTGAM.20080923.wmoore_transcript0923

INVITED LECTURES AND CONFERENCE PRESENTATIONS

The Flexible City: Regenerative Sustainability and the Urban Technological Transition. Keynote address to Imaginovate Hong Kong, Hong Kong Science Park, 2016

It's Not About the Experts. Invited Lecture, Dublin Institute of Advanced Studies, 2016

Disruptive Discourse: Negotiating the Boundaries of Geoengineering Research. Paper presented at 4S EASST Conference, Barcelona, 2016

Geoengineering Risk Regulation: A Cultural Perspective. Sixth Biennial Conference, European Consortium for Political Research, Tilburg, The Netherlands, 2016

Why "Climate Stabilization" is an Energy Problem. Keynote Lecture, Conference on Political Economy and Alternative Energy, Hebrew University, Jerusalem, 2016

The Flexible City. Public Lecture. Center for Corporate Responsibility and Sustainability, University of Zurich, 2016

Climate Engineering: Lessons from the Oxford Geoengineering Programme. Keynote Presentation and Panelist by invitation of Stiftung Risiko-Dialog St Gallen, University of Zurich, 2016

Climate Geoengineering Governance. Presentation to Forum for Geoengineering Assessment, American University, Washington DC 2016

Post-Paris Reflections: Future Directions for Climate Action. Keynote Address to Road from Paris: Ensuring Effective and Equitable Climate Action, by invitation of the Observer Research Foundation, New Delhi, 2016

Climate Geoengineering: Responsible Innovation or Reckless Folly? Keynote Address to MVI Congress 2015, by invitation of the Netherlands Organization for Scientific Research, The Hague, 2015

How to Eat an Elephant: A Bottom-up Approach to Climate Policy. Public Lecture, Hong Kong University of Science and Technology, Hong Kong, 2015

Engineering a Cooler Planet: Could We? Should We? (Co-presented with Prof Richard Darton) Public Lecture, Oxford Martin School, Oxford 2015

Top-down or Bottom-up: Getting Traction on Climate Change. Public Lecture, Oxford Martin School. Oxford 2015

Global Perspectives on Low-Carbon Cities. Plenary address to Conference on Future Low-Carbon Cities. Shanghai by invitation of Shanghai Lingiang Area Development Administration, Shanghai, 2015

Climate Geoengineering Governance, Presentation to Dissemination Conference, Geoengineering Research: Where Next? Royal Society, London 2014

Science-based Policy Advice – Current Trends in Europe. Presentation to conference on Governance of Science by invitation of Leopoldina, Nationale Akademie der Wissenschaften, Hannover, 2014

Rethinking Environmental Problems: Wicked Problems and Clumsy Solutions. The Burntwood Lecture, by invitation of the Institution for Environmental Science, London, 2014

Science, Technology and Democracy: Dissecting the Anatomies of Controversy. Sense About Science Annual Lecture, The British Library, London, 2014

Climate Geoengineering Governance. Keynote Address, Annual Institute of the Society for Policy Sciences, Brown University, Providence, RI 2014

Earth, Air, Fire and Water: Managing Climate Variability in South Australia. Presentation to Better Together? Reconciling Supply of and Demand for Climate Knowledge in Adaptation Decision Making, Cumberland Lodge, Windsor, 2014

Climate Geoengineering Rhetoric. Presentation with Clare Heyward, Royal Geographical Society, Annual International Conference, London, 2014

Geoengineering Research: Ignorance, Emergency, The Slippery Slope and the Valley of Death. Guest lecture, Institute for Science and Society, University of Nottingham, 2014

The City as a Sustainable Technology. Keynote Address, Financial Times Transformational Business Conference, London, 2014

Evidence, Uncertainty and the Role of Values. Keynote Address, Circling the Square: Conference on Research, Politics Media and Impact. University of Nottingham, 2014

Are We Still Trying to Eat an Elephant? Scholarship and Politics Post-Copenhagen. Keynote Address, Centre for Climate Science and Policy Research, Linköping University, 2014

Climate Change, Technology and the Future of Cities, Annual Oxford Alumni Lecture, Adelaide, 2014

The Flexible City: Climate Change, Technology, Lock-in and Path Dependency. Keynote Lecture, Envisioning the Future City, Hong Kong University of Science and Technology, Hong Kong 2014

Wicked Problems, Uncomfortable Knowledge and Clumsy Solutions. Keynote Lecture, Envisioning the Future City, Hong Kong University of Science and Technology, Hong Kong 2014

The Future City: Climate Change, Technology and the New Urbanisation, Inaugural Oxford China Lecture, Shanghai, 2013

Are Weather Forecasts Still for Wimps? Usability of Predictions in Water Management, Guest lecture, Flinders University, Adelaide, 2013

Urban Technology. Presentation to the Flexible City Symposium, University of Oxford, 2013

Anthropology and Climate Change: How I Learned to Stop Worrying and Love the Anthropocene. Public lecture, Royal Anthropological Institute, London, 2013

Polycentric Architectures, Presentation to conference on Institutional Design and Response Capacity – Local and Global Challenges of Climate Politics, University of Copenhagen, 2013

Contesting Geoengineering Governance: Reflections of an Observing Participant. Public Lecture, Harvard-MIT, Cambridge, MA 2013

Climate Change and the Role of Geoengineering. Public Lecture, European Center for Sustainability Research, Zeppelin University, Friedrichshafen, Germany, 2013

Hope, Hype and Opportunity: How Mundane Technologies Shape the City. Keynote Address, Urban Land Institute Annual Conference, Paris, 2013

Sustainability's Three Legs: Wicked Problems, Uncomfortable Knowledge, Clumsy Solutions. Guest Lecture, National University of Singapore, 2012

Flexible Cities. Tomorrow's Horizons Lecture, IQ Squared and Deutsche Bank, London, 2012

Wicked Problems, Uncomfortable Knowledge, Clumsy Solutions. Keynote Address, Breakthrough Dialogue on Overcoming Wicked Problems, Sausalito, CA, 2012

Climate Geoengineering: Dr Strangelove or Dr Salk? Keynote Address, ADC (Australian Davos Connection) Future Summit, Melbourne, Australia, 2012

The Oxford Principles for Geoengineering Governance. Presentation to international conference Planet Under Pressure, London, 2012

The Flexible City: Challenges of Path Dependency and Lock-In. Keynote Presentation to Conference on Smart Cities for All, World Bank, Washington DC, 2012

Geoengineering Our Climate: Science, Ethics, and Governance. Signature Lecture, Centre for International Governance Innovation Conference on Geoengineering Our Climate, Ottawa, 2012

Beyond the Building: Towards the Regenerative City. Keynote Address, Celebrating CIRIS: Accelerating Sustainability, University of British Columbia, Vancouver 2011

Control Dilemmas: Great and Small. Keynote Address, Society for Nanotechnology and Emerging Technologies (S-NET), Third Annual Conference, Tempe, Arizona 2011

The Urban Paradox: Cities as Sites of Innovation and Inertia, If Conference, Royal Geographical Society, London, 2011

Climate Geoengineering Governance. Guest Lecture, Oregon State University, Corvallis, Oregon, 2011

Climate Geoengineering Governance. Guest Lecture, Portland State University, Portland, Oregon, 2011

Climate Geoengineering Governance. Public Lecture, Redpath Museum., McGill University, Montreal, 2011

Climate Geoengineering Governance. Guest Lecture, H.C. Ørsted Institute, University of Copenhagen, 2011

The Inevitability of Nature as a Rhetorical Resource. Presentation to Conference on Nature and Society, Royal Danish Academy of Sciences and Carlsberg Academy, Copenhagen 2011

Geoengineering Governance. Presentation to Governing Geo-engineering in the 21st Century: Asian Perspectives, Nanyang Technical University, Singapore, 2011

How to eat an Elephant: A Bottom-Up Approach to Climate Change. Keynote address, The Technology R&D Management Conference, Norrköping, Sweden, 2011

Governance of Emerging Technologies. Plenary lecture, Franco-British Conference on Responsible Innovation, French Embassy, London, 2011

Infrastructure, Lock-in and the Future of Cities. Presentation to Conference on Cities of the Future, St Hilda's College, Oxford, 2011

Infrastructure Lock-in and Cities as Innovation Niches. Presentation to Chatham House Conference on the Future of Cities, Royal Institute of International Affairs, London, 2011

Climate Engineering Governance, Guest lecture, Department of Atmospheric Science, University of Washington, Seattle, 2011

How to eat an Elephant: A Bottom-Up Approach to Climate Change. Guest lecture, College of the Environment, University of Washington, Seattle, 2011

Climate Change: Catastrophe, Salvation or Damp Squib. Keynote address, International Conference on Demography, Culture and Marketing, Xavier Institute of Management, Bhubaneswar, 2010

How to eat an Elephant: A Bottom-Up Approach to Climate Change. Keynote address, Climate Change and Resource Depletion: The Challenge to Actuaries, Institute of Actuaries, London, 2010

Handbags and Goat Entrails. Keynote conference lecture, Challenging Models in the Face of Uncertainty, Centre for Research in the Social Sciences and Humanities, Cambridge, 2010

The Role of Science Studies in Science Policy Decision Making: Lessons of Experience. Plenary Address, Gordon Conference on Science and Technology Policy, Waterville Valley, New Hampshire, 2010

The Role of Geoengineering in Addressing Climate Change. Guest Lecture, School of Public and Environmental Affairs, University of Indiana, Bloomington 2010

Art, Climate Adaptation and the City. Public Lecture, Tate Modern, London, 2010

Draft Principles for the Conduct of Geoengineering Research. Plenary Address, Asilomar International Conference on Climate Intervention, Pacific Grove, California 2010

Does Size Matter? Nanotechnology and Geoengineering. Presentation to Research Conference on Nanotechnology Risk Perception, University of California, Santa Barbara, 2010

Finding the Right Trousers: Beyond the Kyoto Architecture. Guest Lecture, University of Copenhagen, 2009

Science, Society and Climate Policy. Keynote lecture, Conferenza Scienza e Politica: il caso dei cambiamenti globali climatici e ambientali, Bergamo Scienza (Bergamo Science Festival) Bergamo, 2009

Managing Geoengineering. Chatham House Conference on Avoiding Worst-Case Scenarios. Royal Institute for International Affairs, London 2009

Climate Geoengineering: The Governance Dilemma. Environmental Studies Colloquium, Center for Science and Technology Policy Research, University of Colorado, Boulder, 2009

The Problem of Uncomfortable Knowledge in Science Policy Debates. Distinguished Lecture, Cooperative Institute for Research in Environmental Studies (CIRES) University of Colorado, Boulder, 2009

Finding the Right Trousers: Radically Rethinking Climate Policy and the Implications for Low Carbon Energy. Keynote Speech at the Inaugural Research Symposium of the Renewable and Sustainable Energy Institute, University of Colorado, Boulder, 2009

Is There a Role for Business Schools in Energy Justice? Plenary Lecture, World Energy Justice Conference, Center for Energy and Environmental Security, University of Colorado, Boulder, 2009

Social and Ethical Implications of Geoengineering. Seminar on Geoengineering: Challenges and Global Impacts, Institute of Physics, Royal Society of Chemistry, and Royal Society Engineering, House of Commons, London 2009

The Three-Legged Stool: An Organizational Approach to Sustainability. Invited Lecture to the Oxford-Achilles Working Group on Social Responsibility, Oxford, 2009

Socioeconomic Dimensions of Geoengineering. Geoengineering – Cure or Malpractice? Invited Lecture, Colloquium of Kiel Earth Institute, Germany, 2009

Technology and Transition in the 21st Century. Final lecture in the Linacre Lecture series for 2009, *Societies in Transition*. By invitation of Linacre College and the RLHA, Linacre College Oxford, 2009

Changing Climate: Changing Technology. Guest Lecture, The Grantham Institute for Climate Change, Imperial College London, 2009

The Wrong Trousers: Where Next for Climate Policy. Guest Lecture, Helsinki Institute of Science and Technology Studies, University of Helsinki, 2008

Innovation Challenges in Freshwater Management. Vice-Chancellor's Research Forum, University of Oxford, 2008

Culture, Credibility and Catastrophe. Invited Lecture, Global Catastrophic Risks Conference, Oxford University 2008

Weather, Climate and Everyday Life: Social Science Perspectives. Opening Keynote Address, International Conference on Weather, Local Knowledge and Everyday Life, Rio de Janeiro, 2008

The Wrong Trousers: Radically Rethinking Climate Policy. Guest Lecture, The Policy Exchange, London, 2008

The Wrong Trousers: Radically Rethinking Climate Policy. The Richardson Lecture, Keble College, Oxford, 2007

The Wrong Trousers: Radically Rethinking Climate Policy. Plenary Lecture, Annual Meeting of the Balaton Group, Lake Balaton, Hungary 2007

Radically Rethinking Climate Policy. 21st Century Trust Conference on Climate change: Science, Politics and the Management of Uncertainty, Merton College, Oxford, 2007

The Idea of Risk. Guest Lecture, Michigan State University, 2007

Radically Rethinking Climate Policy. Guest Lecture, Gerald R. Ford School of Public Policy, University of Michigan. 2007

Wicked Problems: Clumsy Solutions. Guest Lecture, University of Queensland, Brisbane, Australia 2006

Wicked Problems: Clumsy Solutions. First Jack Beale Memorial Lecture, University of New South Wales, Sydney, Australia, 2006

Dimensions of Trust in Science, Technology and Society. Keynote address, TSEC Trust Symposium, St Anne's College, Oxford 2006

The Rise of Risk and the Decline of Politics. Plenary address, Environmental Hazards and Risk Communication Conference, Royal Society. London 2006

The Idea of Risk. Guest Lecture, Department of Sociology and Social Policy, University of Kent, Canterbury 2006

Science in Society: Insights from the ESRC Programme. Keynote address, ESRC Genomics Network Conference, Edinburgh, 2005

Is there Life After Kyoto? Gordon Conference on Industrial Ecology, Oxford 2004

Why is Social Learning So Difficult? Plenary address, Technology Transfer International Conference, Edinburgh, 2004

Weather Forecasts Are for Wimps. Opening plenary address, International Symposium on Uncertainty and Precaution in Environmental Management, Copenhagen, 2004

Problems of Social Learning. VIP keynote address, Conference on Interface Between Science and Society, Milan 2003

Who's in Charge? The Challenge of Science and Democracy. Presidential address, British Association Sociology and Social Policy Section, BA Festival of Science, Salford, 2003

Science, Business and Society. Breakfast briefing, Royal Society of Arts, London 2003

Climate Change Science and Policy. Guest lecture, Earth Systems Science Summer School, Department of Meteorology, University of Reading, 2003

Public Participation in Science. Café Scientifique public lecture, Edinburgh Science Festival, 2003

Perils of Public Participation. Guest lecture, Chief Scientist's Seminar, Department of Environment, Food and Rural Affairs, London, 2003

Public Participation and Technical Assessment. Guest lecture, PREST, University of Manchester, 2003

Democracy in the Age of Assessment: the Future of Institutions, Resources and Values Conference on Resources Conceptions and Confrontations SSRC South Asia Program, Kathmandu, Nepal 2003

Sustainable Development Revisited: Reflections on the Earth Summit. Guest lecture, Center for Development and the Environment, University of Oslo, 2002

The Democratization of Expertise: Promises and Problems of Public Participation. Vitenskapsteroi Seminar, University of Oslo, 2002

Introduction to the ESRC Science in Society Programme, European Association for the Study of Science and Technology Annual Meeting, York, 2002

Managing the Risks of Technological Innovation in US Utilities, University of Sussex, Brighton, 2002

The Impacts of Consumer Choice. Oxford Earth Summit, Natural History Museum, Oxford, 2002

Dialogue in Theory and Practice in the US and the UK. Science Communication Conference, British Association, London, 2002

Ruminations on Institutional Capacity for Future Emissions Mitigation Policies. Annex 1 Working Group on the Evolution of Mitigation Commitments. International Energy Agency, Paris, 2002

Participation in Sustainable Resource Management: If Biodiversity is so Good for Society Shouldn't Social Diversity be Good for the Environment? Fourth Annual Andrews LTER Symposium, Oregon State University, 2001

International Science Assessment as an Instrument of Globalization. Plenary lecture,

Conference on Science, Technology, and Globalization, George Washington University, Washington DC 2001

Divided We Stand: The Role of Institutional Diversity in Environmental Management. Dean's Day Lecture, Columbia College, New York 2001

Human Choice and Climate Change: Social Perspectives on Society and Decision Making. Plenary address, International conference, "Climate Change: Science, Economics and Politics, Calouste Gulbenkian Foundation, Lisbon, 2000

Uncertainty, Risk, and Perspectives. Guest lecture, International Centre for Integrative Studies, University of Maastricht, 2000

Social Capital and Environmental Decision Making. Panel session, Workshop on Investigating Social Capital, LOS-Senteret, Solstrand, 2000

Society and Climate. Plenary address, International Forum on Climate Prediction, Agriculture, and Development, International Research Institute for Climate Prediction, Palisades, New York, 2000

Policies and Problems: Theoretical and Practical Issues. Panel presentation, Symposium on The Politics of Climate in Africa: Farming, Food, and Forecasting, Institute of African Studies, Columbia University, 2000

The Role of Civil Society in the Sustainable Governance of the Oceans. Guest lecture, Geographical Society of Lisbon, Lisbon, 1999

Institutional Issues in Adoption of Probabilistic Climate Information Among US Water Resource Managers. Panel session, Society for Applied Anthropology Annual Meeting, Tucson, 1999

Interactive Social Science. Keynote address, Conference on Interactive Social Science, Economic and Social Research Council, Brighton, 1999

Social Science and the Environment: The State of the Art. Plenary address, Annual Biology Colloquium, Oregon State University, 1998

Civil Society and Sustainable Development. Harrison Lecture, University of Maryland, College Park, 1988

Environmental and Social Security: Is There a Common Framework for Policy. Opening address, Conference on Environmental and Social Security, LOS-Senteret, Norway, and the International Institute for Applied Systems Analysis, Laxenburg, Austria, 1997

Human Choice and Climate Change: Policy Implications of an International Social

Science Assessment. Guest lecture, Department of Geography and Environmental Engineering, Johns Hopkins University, Baltimore, 1997

Human Dimensions of Climate Change: The State of the Art. Panel session, American Geophysical Union Annual Meeting, Baltimore, 1997

The Role of Civil Society in Environmental Governance. Panel session, American Association for the Advancement of Science Annual Meeting, Seattle, 1997

Deriving “Is” from “Ought” in Societal Risk Analysis. With Judith Bradbury. Society for Risk Analysis, Annual Meeting, 1996

Governance and the Global Environment: Linking the Local Present to the Global Future. Plenary address, International Colloquium, Quel Environnement au XXIeme Siecle: Environnement, Maitrise du Long Terme et Democratie, Fontevraud, France, 1996

Social Capital and Sustainable Development. Keynote address, Second Annual Sustainable Development Conference, Islamabad, Pakistan, 1996

Overview of Equity Issues for Integrated Assessment. Paper, Workshop on Fairness and Equity Issues in Integrated Climate Change Assessments, by invitation of the Potsdam Institute for Climate Impacts Analysis, Potsdam, Germany, 1996

Societal Credibility of Natural Catastrophes. Keynote presentation, Workshop on Climate Change, Cataclysm, and Fairness, International Institute for Applied Systems Analysis, Laxenburg, Austria, 1996

Challenges of Local-Global Articulations in the Social Sciences. Plenary address, Society for Applied Anthropology Annual Meeting, Baltimore, 1996

Reconciling the Irreconcilable. With Judith Bradbury (delivered *in absentia*), Pantanal Regional Workshop of the SCOPE/UNEP Project on Integrated Adaptive Ecological Economic Modeling and Assessment, Campo Grande, Brazil, 1995

Human Choice and Climate Change: The State of the Art. Guest lecture, Pennsylvania State University, College Station, Pennsylvania, 1995

The Geographical Dimension of European Scientific Expertise. Keynote address, European Commission Conference on Scientific Expertise in European Policy Debates, London School of Economics, London, 1994

Risk Cultures and Climate Policy. Plenary address, First CLEAR Conference on Climate Change and Alpine Regions, Ascona, Switzerland, 1994

Human Values and Climate Decision Making. Plenary paper, IPCC Workshop on

Equity and Social Considerations. United Nations Environment Program, Nairobi, Kenya 1994

Policy Instruments for the Conservation of Forests. Plenary paper, IPCC Workshop on Climate Change: Policy Instruments and their Implications, Tsukuba, Japan, 1994

Human Decision Making in a Changing Global Environment. Guest lecture, Johns Hopkins University, Baltimore, 1992

The National Academy Report on Human Dimension of Global Change. Plenary address (delivered *in absentia*) to Society for Social Studies of Science Annual Meeting, Gotheberg, Sweden, 1992

Science and Myths as Indicators of Environmental Sustainability. Plenary address, Conference on Earth Rights and Responsibilities, Yale Law School, New Haven, 1992

Cultural Perspectives on Implementation of Global Environmental Agreements. Panel presentation, Conference on Earth Rights and Responsibilities, Yale Law School, New Haven, 1992

Managing the Global Commons: Climate Change and Ozone Depletion. Guest lecture, University of Wisconsin, Madison, 1991

National and Institutional Culture in the Transfer of Environmental Expertise. Panel session (delivered *in absentia*), Conference on Environmental Risk Management: The European Case, Kiev, Ukraine, 1990

U.S. Environmental and Greenhouse Policy: Domestic Constraints and International Attitudes. Guest lecture, Royal Institute of International Affairs, London, 1990

A Role for the U.S. Energy System in Global CO₂ Reduction. Keynote address, Gordon Conference on Fuel Science, New Hampton, New Hampshire, 1990

Methodological Myths and Modeling Markets: A Common Framework for Analyzing Exchange. With Robin Cantor and Stuart Henry, panel session, Second Annual International Conference on Socio-Economics, The George Washington University, Washington, DC, 1990

Human Choice and the Global Environment. Panel session, American Association for the Advancement of Science, Annual Meeting, New Orleans, 1990

The Strategic Use of Ignorance and Uncertainty in Environmental and Technological Disputes. Distinguished lecture, Center for Technology, Environment, and Development, Clark University, Worcester, Massachusetts, 1990

Energy Policies to Deal with Global Warming: Instruments and Opportunities in

Major Greenhouse Gas Emitting Sectors. With R.A. Cantor, D.W. Jones and P.N. Leiby. Panel session at International Association for Energy Economics, Eleventh Annual North American Conference, Los Angeles, 1989

Managing the Global Environment: Human Choice and Climate Change. Plenary address, International Congress, Les Experts Sont Formels: Controverses Scientifiques et Decisions Politiques dans le Domaine de l'Environnement, Arc-et-Senans, France, 1989

Institutions and the Management of Global Environmental Change: Markets, Hierarchies, and Collectives. Guest lecture, JFK School of Government, Harvard University, Cambridge, Massachusetts, 1989

Risk, Equity, and the Social Organization of Technology Choice. Panel session, Conference on Socioeconomics, Harvard Business School, Cambridge, Massachusetts, 1989

Human Choice and Climate Change: The Institutional Challenges of Global Environmental Management. Guest lecture, University of Tennessee Colloquy on Technology, Society, and the Common Good, Knoxville, Tennessee, 1989

Human Choice and Climate Change. Guest lecture, Cornell University Law School, Ithaca, New York, 1989

Risk in Cultural Perspective. Panel session, American Association for the Advancement of Science Annual Meeting, San Francisco, 1989

Global Disaster Management: Developing Principles for Research. With Robin Cantor. Panel session, Association for Public Policy Analysis and Management Annual Meeting, Seattle, 1988

Risk Management and the Global Commons: A Cultural Approach to Decision Making. Panel session, American Anthropological Association Annual Meeting, Phoenix, 1988

Equity Issues in Global Risk Management: The Case of Climate Change. Panel session, Society for Risk Analysis Annual Meeting, Washington, DC, 1988

Social Choice and Technological Innovation. Guest lecture, Brunel University, London, 1988

The Global Commons and Climate Change: Who Are the Stakeholders and How Can Consensus be Achieved? With R.B. Honea. 26th Congress of the International Geographical Union, Sydney, Australia, 1988

Perception of Risk: The Social Context of Public Concern Over Non-Ionizing

Radiation. (Delivered *in absentia*) International Workshop on the Effects of Non-Ionizing Radiation, Melbourne, Australia, 1988

Social Perception and Acceptability of Risk. Plenary address, International Society of Regulatory Toxicology and Pharmacology Annual Meeting, Crystal City, Virginia, 1987

Common Management of Global Risks. Panel session, Society for Risk Analysis Annual Meeting, Houston, Texas, 1987

The Cultural Approach to Risk Management. Panel session, Society for Risk Analysis Annual Meeting, Houston, Texas, 1987

Common Management of Global Risks. With Luther P. Gerlach, Panel session, American Sociological Association Annual Meeting, Chicago, 1987

Improving Radiological Safety Through Organizational Design. Plenary address, Reducing Risks Through Communication and Design, 6th University of California Symposium on Environmental Psychology, Irvine, California, 1987

The Fairness Hypothesis and Managing the Risks of Societal Technology Choices. With Robin Cantor. Panel session, ASME Winter Annual Meeting, Anaheim, California, 1987

Thinking the Unthinkable: Preparing for Global Disaster. With Robin Cantor, Panel session, Society for Risk Analysis Annual Meeting, Boston, Massachusetts, 1986

The Tools for the Job: Choosing Appropriate Strategies for Risk Management. With Robin Cantor Panel session, Society for Risk Analysis Annual Meeting, Boston, Massachusetts, 1986

Social Impact Assessment and Technology Choice. Panel session, American Sociological Association Annual Meeting, New York, 1986

Redefining Risk. Keynote address, Annual Research Conference, University of Minnesota Department of Anthropology, Lake Itasca, Minnesota, 1986

Secular Sectarians: Millenarianism and the British Far-Left. Guest Lecture, Department of Religion, Princeton University, 1986

How Fair is Safe Enough? The Cultural Approach to Societal Technology Choice. With Robin Cantor. Plenary address, International Colloquium, Evaluer et Maitriser Les Risques: La Societe Face Au Risque Majeur, Centre National De Recherche Scientifique, Chantilly, France, 1986

Rules That Keep Us Equal: The Far-Left in Britain and Anti-Nuclear Groups in the

USA. Panel session, American Anthropological Association Annual Meeting, Washington, D.C., 1985

Not in My Backyard: The Politics of Hazardous Waste Disposal. Department of Sociology and Criminology, Old Dominion University, Norfolk, Virginia, 1985

The Role of Liability Preferences in Societal Technology Choices: Results of a Pilot Study. With Robin Cantor. Panel session, Society for Risk Analysis Annual Meeting, Alexandria, Virginia, 1985

Applied Anthropology of Industrial Society. Guest lecture, Department of Anthropology, University of Pennsylvania, Philadelphia, 1985

Societal and Institutional Factors in Risk Management. Faculty Institute on Risk Assessment for Energy Production, Manpower, Education, Research, and Training Division, Oak Ridge Associated Universities, Tennessee, 1985

Not in My Backyard: Community Responses to Hazardous Waste Siting. Guest lecture, Department of Anthropology and Sociology, University of Southern Mississippi, Hattiesburg, 1985

Risk Perceptions in Developing Countries. With T.J. Wilbanks, Panel session, 12th Annual WATtec Meeting, Knoxville, Tennessee, 1985

Management of Occupational Radiation Hazards in Hospitals Guest lecture, Queen's College, CUNY, New York, 1985

Predicting Public Acceptance of Future Technologies: Advanced Concepts for Nuclear Reactors. Guest lecture, Science and Technology Studies Program, Cornell University, Ithaca, New York, 1985

Measuring Culture. Guest lecture, Department of Sociology, University of Tennessee, Knoxville, 1984

Grid/Group Analysis and Social Impacts of Hazardous Technologies. Panel session, American Anthropological Association Annual Meeting, Denver, 1984

Learning From the Blind Men and the Elephant, or Seeing Things Whole in Risk Management. Panel session, Society for Risk Analysis Annual Meeting, Knoxville, Tennessee, 1984

The Cultural Context of Criminal Behavior and Social Control. Guest lecture, Department of Sociology, University of Minneapolis, 1984

Culture, Institutions and Risk Management. Panel session, Southern Sociological Society Annual Meeting, Knoxville, Tennessee, 1984

Applied Anthropology of Science Technology and Society. Guest lecture, Department of Sociology, University of Tennessee, Knoxville, 1984

Grid/Group as a Model of Social Change. Panel session, American Anthropological Association Annual Meeting, Chicago, 1983

Public Response to Controversial Facilities: A Socio-Cultural Approach. Panel session, Association for Public Policy and Management Annual Research Conference, Philadelphia, 1983

Cultural Analysis of Risk Perception and Management. Society for Risk Analysis Annual Methods Day, Oak Ridge, Tennessee, 1983

The Perception of Occupational Hazards from Ionizing Radiation in American Medicine. Guest lecture, International Institute of Applied Systems Analysis, Laxenburg, Austria, 1983

Cultural Analysis of Occupational and Environmental Hazard Management. Guest lecture, Science, Technology and Society Program, Cornell University, Ithaca, New York, 1982

Effects of Workplace Organization on the Perception of Occupational Hazards. Panel session, American Anthropological Association Annual Meeting, Washington, D.C., 1982

Risk Management and the Problem of Planning for Future Generations. Guest lecture, Oak Ridge National Laboratory, Oak Ridge, Tennessee, 1982

The Institutional Cultures of Risk Management. Guest lecture, Department of Sociology, Keele University, Staffordshire, 1982

An Anthropological Approach to the Politics of Sectarian Protest: The Far-Left in Britain and Anti-Nuclear Groups in the USA. Guest lecture, Middlesex Polytechnic, Enfield, 1982

Problems in the Cultural Analysis of Public Response to Radiation Hazards. Guest lecture, Oak Ridge National Laboratory, Tennessee, 1981

Grid/Group Analysis of Social Movements. Guest lecture, Department of Religion, Yale University, Connecticut, 1980

Sectarianism: Sacred and Secular. Guest lecture, Department of Sociology, Hofstra University, New York, 1980

An Organizational Analysis of the British Far-Left. Centre for Occupational and Community Research, London, 1979

Steve Rayner – December 2016

The Instability of Egalitarian Sects. Conference on Grid/Group Analysis and Pollution Theory, Russell Sage Foundation, New York, 1978

PARTICIPATION IN PANELS/WORKSHOPS

IASS-KLASICA Symposium on Collective Behaviour Change Towards Sustainable Futures in Asian and Pacific Island and Isolated Communities, National Taiwan University, Taipei, 2016

The Planet Remade: How Geoengineering Could Change the World. Panelist by invitation of the Edinburgh Science Festival, National Museum of Scotland, Edinburgh 2016

IASS-KLASICA Workshop on Collective Behaviour Change for Sustainable Futures. Potsdam 2016

Workshop on Technology and the Future of UK Cities. Convenor on behalf of the UK Foresight Project on the Future of UK Cities and the ESRC Urban Transformations Programme, London 2015

Urban Research Consultation. Closing plenary panelist by invitation of the UCL City Leadership Initiative, London 2015

Sustainable Cities: Can Urban Leadership on Climate Change Make a Difference? Plenary panelist by invitation of the Blavatnik School of Governance, Oxford, 2014

Climate Engineering Conference 2014. Opening plenary panelist and speaker in sessions on Moral Hazard and Emergency Framing by invitation of Institute for Advanced Sustainability Studies, Berlin 2014

After the Floods: Can We Tame the Weather? Panelist by invitation of the Institute of Ideas, The Battle of Ideas, The Barbican, London 2014

New Debates in Climate Change Justice, Governance and Democracy by invitation of the Department of Politics and International Studies, University of Warwick, 2014

Manipulating the Planet: Is there a Role for Negative Emissions Technologies in Tackling Climate Change by invitation of the Policy Exchange and NESTA, Westminster, 2013

Symposium on the Global Governance of Climate Engineering. Panelist by invitation of the Marsilius Kolleg, Heidelberg University, Heidelberg, 2012

A Radical Solution: Could Geoengineering be a Useful Tool for Moderating Climate Change? Panelist by invitation of the Royal Institute for International Affairs, Chatham House 2012

Framing Climate Change Discussions on the Looming Environmental Crisis and Sustainability, Panelist by invitation of the Abdus Salam Institute for Theoretical Physics, Trieste, Italy 2012

Myopia in a World of Evidence-Based Policy. Panelist by invitation of ADC (Australian Davos Connection) Future Summit, Melbourne, Australia, 2012

Australia's Cleantech Future, Panel Chair by invitation of ADC (Australian Davos Connection) Future Summit, Melbourne, Australia, 2012

Novel multi-sector networks and entrepreneurship in urban climate governance. Co-convenor and session chair at international conference, Planet Under Pressure, London 2012

The Breakthrough Dialogues: Reinventing Liberalism. Panelist by invitation of the Breakthrough Institute, Sausalito, 2011

The Battle Against the Fates. Panelist by invitation of the Institute of Ideas, The Battle of Ideas, The Royal College of Art, London 2011

Geoengineering Governance, Science and Technology: A cross-Government Briefing. Presenter of overview of governance issues by invitation of the Department of Energy and Climate Change, Royal Society, London, 2011

Urban Health and the Physical Environment. Panel Chair for Emerging Markets Symposium: Urbanization, Health and Human Security by invitation of Green Templeton College, Oxford, 2011

Policy-based Evidence? Panelist by invitation of the Institute of Ideas, The Battle of Ideas, The Royal College of Art, London 2010

Should Science Journalists take Sides? Panel speaker in a debate convened by invitation of The Royal Institution, London 2010

Financial Times Urban Development Summit. Panelist on the Development of Knowledge Cities, Shanghai, 2010

The Future of Global Climate Negotiations. Panel speaker in a debate convened by Christian Aid, WWF and the Institute for Public Policy Research, London 2010

Shifting Power: What Does Climate Change Mean for Global Governance, The Weidenfeld Debates 2010, by invitation of the Institute for Strategic Dialogue, Oxford 2010

Do You Believe in Geoengineering? Should scientists Intervene to Protect Us from its Consequences? By invitation of the Royal Society, Tyne and Wear Archives and Museums, Newcastle Upon Tyne 2010

Geoengineering: A Brave New World? Lecture panelist by invitation of the Royal Society, London 2010

Linking Science to Social Benefits: Why, How and When, by invitation of the Centre for Climate Policy and Research, Linköping University, Norrköping, Sweden, 2009

Workshop on Reconciling Supply and Demand for Research in the Science of Science and Innovation Policy, panelist on Organizations at the Interface, by invitation of the Research Council of Norway, Oslo, 2009

Disaster Risk Management and Climate Change Adaptation: Different or the Same? panel chair, by invitation of the International Social Science Council World Social Science Forum, Bergen, Norway 2009

Policy Education: The European Perspective, workshop panelist on Mobility and the Changing Culture of Policy Education by invitation of the Standing Committee on Social Science Evidence for Use of the US National Academies, Paris, 2009

Lessons from Bali: Implications for the EU ETS, discussant by invitation of the Institut Français de Relations Internationales, Paris, 2008

Innovation Culture or Anti-Science Britain? Final event of the ESRC Science in Society Programme, chair and organizer, London 2007

Lead Author's Meeting of Working Group III of the Intergovernmental Panel on Climate Change, by invitation of the IPCC, Beijing, China, 2006

Tomorrow's People: The Challenges and Technologies for Life Extension and Enhancement, conference chair, University of Oxford, 2006

Lead Author's Meeting of Working Group III of the Intergovernmental Panel on Climate Change, by invitation of the IPCC, Brehna, Germany, 2004

Is There Value in Inconsistency? discussant, by invitation of the Max Planck Project on Common Goods, Venice 2004

Dangerous Climate Change, session chair, by invitation of the Centre for Environmental Risk, University of East Anglia, 2004

Scientific Connoisseurs and Other Intermediaries: Mavens, Pundits, and Critics, sponsor and opening speaker, on behalf of UK ESRC, Minster Lovell, 2004

54th Königswinter Conference, working group on science in society, by invitation of the Governments of the UK and Germany, Oxford, 2004

Globalization and Cultural Integrity, chair and organizer, by invitation of the First World Congress on Risk, Brussels, 2003

Launch of the Risk World 2020 Project, final commentary, by invitation of Shell and King's College Centre for Risk Management, University of London, 2003

Science and the UK Regions: Towards the Regionalization of Science Policy, discussant, by invitation of the Centre for Sustainable Urban and Regional Futures, University of Salford, Manchester, 2003

Towards a Multi-Level Science Policy: Regional Science Policy in a European Context, final commentary, by invitation of the Regional Studies Association, Honorable Society of Gray's Inn, London, 2003

Looking Beyond Kyoto II, panelist, by invitation of the Stockholm Environmental Institute, Stockholm, 2003

Hype, Hope and Hysteria, discussant, by invitation of the ESRC Postgraduate Genetics Forum, University of Sussex, 2003

Democratic Governance of Technological Change in the Era of Globalization, convener and organizer, by invitation of the UK ESRC and the Luso-American Foundation, Lisbon, 2003

Environment, Safety, and Risk Workshop, by invitation of BBC News, Cumberland Lodge, Windsor, 2003

Academics in the Environment Symposium, by invitation of the Ecosystems Science and Policy Center, University of Miami, 2003

Science in Society European Workshop, sponsor and chair on behalf of UK ESRC, Wiston House, Sussex, 2003

Clumsy Solutions for a Complex World, discussant, by invitation of the Max Planck Project on Common Goods, Oxford, 2003

Conference on Science and Citizenship in a Global Context: Challenges from New Technologies, discussant on Dealing with Risk and Uncertainty, by invitation of the Institute for Development Studies, Brighton, 2002

Looking Beyond Kyoto, by invitation of the Stockholm Environment Institute, Chiang Mai, Thailand, 2002

Risk World Scenarios Workshop, by invitation of Shell and King's College Centre for Risk Management, Stamford, England, 2002

Science and Democracy: A Workshop on Science, Politics, and Governance, by invitation of the Wissenschaftskolleg zu Berlin, 2002

Anglo-American Humans and Nature Forum, Inaugural Meeting, by invitation of the Environmental Change Institute, Oxford University, Oxford 2002

Muscipoli Workshop on Design and Delivery of Inter- and Pluri- Disciplinary Research, by invitation of Le Maison de Sciences de l' Homme, Paris, 2002

Biodiversity on the Brink: Challenges to Science and Policy, panelist, by invitation of the Nature Conservancy, Columbia University, New York, 2001

Summer Institute on Global Environmental Problems, lecturer by invitation of the Luso-American Foundation, Lisbon, Portugal, 2001

Experts' Meeting on IPCC Special Report on Climate Change and Sustainable Development, by invitation of the Intergovernmental Panel on Climate Change, World Bank, Washington DC 2001

Workshop on Perspective-Based Envisioning Tools, convener and chair of organizing committee, International Research Institute for Climate Prediction, Palisades, New York 2001

Environmental Policy Curriculum Workshop, by invitation of the Columbia Earth Institute, Biosphere 2 Center, Oracle Arizona, 2000

NOAA Climate and Global Change Review Panel, final commentary and chair of wrap-up session, by invitation, NOAA Office of Global Programs, Xerox Document University, Leesburg, Virginia, 2000

Consultative Workshop on Earth Systems Engineering, by invitation of the National Academy of Engineering, Washington DC, 2000

Lead Author's Meeting of Working Group III of the Intergovernmental Panel on Climate Change, by invitation of the IPCC, Cape Town, 2000

Mexico on the Threshold of a New Century, Chair of plenary session on Urban Sustainability by invitation of Columbia University School of International and Public Affairs, Mexico City, 2000

Lead Author's Meeting of Working Group III of the Intergovernmental Panel on Climate Change, by invitation of the IPCC, Eisenach, Germany, 2000

Workshop on Designing Effective Assessments of Global Environmental Issues, by invitation of the Belfer Center for Science in International Affairs, Warrenton, Virginia. 1999

Lead Author's Meeting of Working Group III of the Intergovernmental Panel on Climate Change, Lillehammer, Norway, by invitation of the IPCC 1999

Workshop on Prediction in the Earth Sciences: Use and Misuse in Policy Making, by invitation of the Geological Society of America, Estes Park, Colorado, 1998

Workshop on El Niño Forecasting Pilot Project, by invitation of National Oceanic and Atmospheric Administration, Santa Monica, California, 1998

Second Workshop on Ecological Economics and Sustainable Governance of the Oceans, by invitation of the Luso-American Foundation, Lisbon, Portugal, 1998

Workshop on the Comparative Study of Values in Public Policy Making, by invitation of the Carnegie Council on Ethics and International Affairs, New York, 1998

Workshop on Multicriteria Decision-Making Methods in Integrated Assessment, by invitation of Johns Hopkins University, Baltimore, Maryland, 1998

Workshop on Climate Modeling, by invitation of JASONS/USGCRP, La Jolla, California, 1998

Workshop on Sustainable Governance of the Oceans, by invitation of the Luso-American Foundation, Libson, Portugal, 1997

Human Choice and Climate Change, Panel convener and chair, Second Open Meeting of the Human Dimensions of Global Environmental Change Research Community, Laxenberg, Austria, 1997

Workshop on Climate Change Policy in Germany and the United States, by invitation of the American German Academic Foundation, Berlin, Germany, 1997

Panel on Human Population, Climate Change, and Biodiversity: Science and Policy Issues, by invitation of AAAS Directorate for International Programs, AAAS Annual Meeting, Seattle, 1997

Second Workshop on Interactive Social Science, by invitation of the UK Social Science Research Council, York, 1996

Energy and Environmental Policy: Global, National, and Local Tensions, panel discussant by invitation of Society for Applied Anthropology, Baltimore, Maryland, 1996

US-Japan Bilateral Workshop on Research Cooperation and Land Use and Cover Change, by invitation of the Japanese Institute for Science and Technology, Tsukuba, Japan, 1996

Basic Research Needs for Environmentally Responsive Technologies of the Future, organizing committee member and session co-convenor by invitation of the US National Science Foundation and Department of Energy, New Orleans, 1996

Human Choice and Climate Change, workshop co-convenor on behalf of Battelle, Pacific Northwest Laboratories and the East-West Academy, Berlin, Germany, 1995

Workshop on Interactive Social Science, by invitation of the UK Economic and Social Research Council, London, 1995

Symposium on Pacific Energy Cooperation, panelist on international environmental cooperation by invitation of the Institute of Energy Economics, Tokyo, Japan, 1994

Workshop on Equity and Social Considerations, by invitation of Working Group III, Intergovernmental Panel on Climate Change, Nairobi, Kenya, 1994

Workshop on the Human Dimensions of Global Change, by invitation of the International Group of Funding Agencies and the European Commission Directorate-General of Science, Research and Development Brussels, Belgium, 1994

Workshop on Research on the Human Dimensions of Global Change, by invitation of the National Research Council Committee on the Human Dimensions of Global Change, Washington, D.C., 1994

Breaking the Mold: Global Change, Social Responsibility, and National Research Policy, by invitation of the National Forest Service, Monterey, California, 1994

National Forum on Environmental and Natural Resources Research and Development, by invitation of the Advisor to the President for Science and Technology, Washington, D.C. 1994

Workshop on Human Needs and Wants in the Context of Climate Change, by invitation of St. Anne's College, Oxford, 1994

Uncertainty and Global Climate Change, by invitation of National Oceanic and Atmospheric Administration, Department of Energy, and National Acid Precipitation Program, Knoxville, Tennessee, 1994

Climate Change and Political Action, by invitation of the Zentrum for interdisziplinäre Forschung, Bielefeld, Germany 1993

International Workshop on Structural Adjustment of the North, South, and East, by invitation of the International Academy of the Environment, Geneva, Switzerland, 1993

Human Dimensions of Global Environmental Change Workshop, by invitation of NASA, Goddard Space Flight Center, Greenbelt, Maryland, 1993

Workshop on Risk and Fairness, by invitation of the International Institute for Applied Systems Analysis, Laxenburg, Austria, 1993

Global Governability, by invitation of the Centre for the Study of Global Governance, London School of Economics, Richmond, United Kingdom, 1993

Climate Treaties and Models: Key Issues in Evolving International Management of Climate Change, by invitation of The Office of Technology Assessment, Congress of the United States, Washington, D.C., 1993

Workshop on Global Change Assessment for Forestry, Agriculture, and Water Resources, keynote speaker and program committee member by invitation of Earth Systems Science Center, Pennsylvania State University, College Station, Pennsylvania, 1992

NOAA Human Dimensions of Global Change Workshop, keynote speaker by invitation of NOAA Office of Global Programs, Washington, DC, 1992

Symposium on Environmental Literacy, by invitation of the Rene Dubos Center for the Human Environment, New York, 1992

Global Change Institute on Industrial Ecology and Global Change, by invitation of the Office of Interdisciplinary Earth Studies, UCAR, Snowmass, Colorado, 1992

Workshop Towards International Cooperation in Research Related to Sustainable Solutions to the Greenhouse Problem, by invitation of the National Institute of Public Health and Environmental Protection, Amsterdam, Netherlands, 1992

Global Change Institute on Global Land-Use/Cover Change, rapporteur, working group to produce a "Wiring Diagram of Land Use/Cover Change," by invitation of the Office for Interdisciplinary Earth Studies, UCAR, Snowmass, Colorado, 1991

The Regions and Global Warming: Impacts and Response Strategies, cosponsor and working group moderator by invitation of the Houston Advanced Research Center, The Woodlands, Texas, 1991

Dahlem Workshop on Limiting the Greenhouse Effect: Options for Controlling Atmospheric CO₂ Accumulation, moderator, Working Group 3 Social and Institutional Barriers to Reducing CO₂ Emissions, by invitation of Dahlem Konferenzen der Freien Universitat, Berlin, 1990

International Symposium on Social Aspects of Facility Planning and Management for Hazardous Materials/Wastes, by invitation of the Institute for Social Impact Assessment, Toronto, 1990

Only One Earth Forum: Living with Risk, by invitation of the Rene Dubos Center for the Human Environment, New York, 1990

Workshop on National Implementation of International Accords, by invitation of the Social Science Research Council, Committee for Research on Global Environmental Change, Hamilton, Bermuda, 1990

Symposium on International Conflict and Cooperation: Environmental Security in the 1990s, by invitation of the Center for International Cooperation and Security Studies, University of Wisconsin-Madison, 1990

The Scientific Challenges of NEPA: New Directions Based on 20 Years Experience, conference organizing committee member and chair of session on Impacts of NEPA on Environmental Policies of Other Nations" on behalf of Oak Ridge National Laboratory, Knoxville, Tennessee, 1989

Symposium on Climate Change Policy with Congressman George Brown, Steve Rayner, and Stephen Schneider, by invitation of Sixth Student Pugwash Conference, Boulder, Colorado, 1989

Consultation on Resource and Environmental Constraints on Sustainable Growth in Agricultural Production, by invitation of the Center for International Food and Agricultural Policy, the Humphrey Institute for Public Affairs, Minneapolis, 1989

International Workshop on Understanding Global Environmental Change: Contributions of Risk Analysis and Management," by invitation of the Center for Technology Environment and Development, Clark University, Worcester, Massachusetts, 1989

Symposium on "Right-to-Know: An Opportunity to Learn," by invitation of Cornell University Program for Comparative and Environmental Toxicology, Albany, New York, 1989

Workshop on Human Interactions with Global Change, by invitation of the National Research Council Committee on Global Change, Washington, D.C., 1989

Research Workshop, Managing the Global Commons: Decision Making and Conflict Resolution in Response to Climate Change, speaker and workshop organizer on behalf of Oak Ridge National Laboratory and the University of Tennessee, Knoxville, Tennessee, 1989

Symposium on Risk and the Environment, by invitation of the Graduate School of Public Affairs, University of Washington, Seattle, 1989

Plenary Panel Encouraging Opportunities for Reducing Risks, at "International Workshop on Climate Change: Problems and Options for Practical Response" by invitation of Evangelische Akademie, Loccum, Federal Republic of Germany, 1989

International Workshop on Risk Communication, by invitation of KFA Julich GmbH, Julich, Federal Republic of Germany, 1988

International Symposium on Global Environmental Change and the Public, by invitation of KFA Julich GmbH, Julich, Federal Republic of Germany, 1988

Workshop on Bhopal: Policy Implications and Research Priorities, by invitation of Cornell University, Ithaca, New York, 1988

Workshop on Assessing Social and Economic Effects of Perceived Risk, by invitation of Battelle Human Affairs Research Centers, Seattle, Washington, 1987

Preliminary Workshop on Cross National Comparisons of the Culture of Environmental Controversies, by invitation of the Humphrey Institute for Public Affairs, Minneapolis, 1985

Symposium on Constructing Right Categories, by invitation of Northwestern University, Evanston, Illinois, 1985

Workshop on The Public Perception of Technological Risk, by invitation of the Electric Power Research Institute, Watsonville, California, 1981