Contributors

*Thomas Aronsson* is Professor of Economics at Umeå University in Sweden. He is currently doing research on welfare economics, public economics and environmental economics. He is one of the authors of *Welfare Measurement, Sustainability and Green National Accounting* (1997, Cheltenham, Edward Elgar).

*Robert U. Ayres* is Sandoz Professor of Environment and Management, Professor of Economics and Director of the Centre for the Management of Environmental Resources at INSEAD, in Fontainebleau, France. He has published more than 190 journal articles and book chapters and has authored or co-authored 16 books on topics ranging from technological change, manufacturing and productivity to environmental and resource economics. His most recent books are *Accounting for Resources 1 and 2* (1998, 1999, Cheltenham UK and Northampton, USA, Edward Elgar), *Turning Point: The End of the Growth Paradigm* (1998, London, Earthscan).

*Marcel Boyer* is President and CEO of CIRANO, a multi-university liaison and transfer centre. He is also Jarislowsky Professor of Technology and International Competition at Polytechnique-Montréal and Professor of Economics at the University of Montréal. An elected member of the Royal Society of Canada and a member of the board of the NBER, he is Chairman of NCM2, a network of seven Canadian research centres regrouping some 250 scientists in Mathematics, Operational Research, Computer Science and Economics. He is the co-editor, with R.E. Kilhlstrom, of *Bayesian Models in Economic Theory* (1984, Amsterdam, North Holland).

Thomas D. Crocker is J.E. Warren Distinguished Professor of Energy and Environment in the Department of Economics and Finance at the University of Wyoming. Author or co-author of nearly 150 papers and two books in resource and environmental economics, he was the original (1966, New York, W.W. Norton and Co.) proposal and analysis of tradable environmental permit systems.

Ronald G. Cummings holds the Noah Langdale, Jr. Chair in Environmental Policy at Georgia State University. Previous positions include Professor and Chairman at the Department of Economics, University of New Mexico, and at the Department of Resource Economics, University of Rhode Island, and Program Director (Mexico City) for Resources for the Future, Inc. He served as policy sciences editor for the journal *Water Resources Research* between 1984 and 1987, and as managing editor for the *Journal of Environmental Economics and Management* between 1987 and 1997. He is the author of a number of books and journal articles dealing with the management of natural resources and environmental systems.

Henk Folmer is Professor of General Economics at Wageningen University and Professor of Environmental Economics at Tilburg University, The Netherlands. He served as first President of the European Association of Environmental and Research Economics from 1987 to 1993. He served on the EC Task Force on the Single Market and the Environment. He has written a large number of publications in a wide variety of international outlets in the fields of environmental and resource economics, econometrics, labour economics and regional economics. He is co-editor of the annual publication *The International Yearbook of Environmental and Resource Economics: A Survey of Current Issues* (Edward Elgar).


Shelby Gerking is Professor of Economics at the University of Wyoming, Laramie, Wyoming. He is the author of a number of articles on valuing environmental resources, regional growth, development and policy that have appeared in journals including the *Review of Economics and Statistics*, *Journal of Environmental Economics and Management*, *Journal of Risk and Uncertainty*, *Southern Economic Journal* and *Journal of Regional Science.*
Michael Hoel is Professor of Economics at the University of Oslo, Norway. He has published articles in a number of economic journals on environmental economics, resource economics, labour economics and other applications of microeconomic theory.

Robert Kaufmann is an Associate Professor at the Center for Energy and Environmental Studies at Boston University. He has written two books and more than 40 peer review papers in journals such as Nature, Science and The American Journal of Agricultural Economics. These papers have won awards from the International Association of Energy Economists and the National Wildlife Federation.

Howard Kunreuther is the Cecilia Yen Koo Professor of Decision Sciences and Public Policy at the Wharton School, University of Pennsylvania as well as Co-Director of the Wharton Risk Management and Decision Processes Center. He has a long-standing interest in ways that society can better manage low probability–high consequence events as they relate to environmental, technological and natural hazards. He is the author with Paul Freeman of Managing Environmental Risk through Insurance (1997, Boston, Kluwer Academic Publishers) and co-editor (with Richard Roth, Sr) of Paying the Price: The Status and Role of Insurance Against Natural Disasters in the United States (1998, Washington, D.C., Joseph Henry Press).

John List is Associate Professor of Agricultural and Natural Resource Economics at the University of Arizona, Tucson. He has authored several papers in journals, including American Economic Review, Journal of Environmental Economics and Management, Land Economics and American Journal of Agricultural Economics.

Karl-Gustaf Löfgren is Professor of Economics at Umeå University in Sweden. He is co-author of Disequilibrium Macroeconomics in Open Economies (1984, Oxford, Basil Blackwell), The Economics of Forestry and Natural Resources (1985, Oxford, Basil Blackwell) and Welfare Measurement, Sustainability and Green National Accounting (1997, Cheltenham, Edward Elgar). He has published journal articles in many fields of economics, among others macroeconomics, labour economics and environmental economics and natural resources.

Anil Markandya is Professor of Economics at the University of Bath. He obtained his doctorate from the London School of Economics in 1974 and has taught at University College London, at universities in Australia, France, Italy and the United States. From 1992 to 1996 he was Research Associate at
the Harvard Institute of International Development and is now a Faculty Associate there. He is author of around two hundred books, monographs, articles and reports on environmental economics, including the landmark *Blueprint for a Green Economy* (1989, Earthscan) and *Reconciling Trade and the Environment* (1999, Cheltenham, Edward Elgar).

Michael McKee is a Professor in the Economics Department and a member of the Executive Committee of the Public Finance Consortium at the University of New Mexico. He earned his PhD from Carleton University in Ottawa, Canada and has taught at several universities in Canada, the United States and in Auckland, New Zealand. His research interests are in taxation and environmental economics. He uses laboratory experimental markets in his research. He has published in several of the leading journals including the *American Economic Review*, *Economic Inquiry*, the *Journal of Environmental Economics and Management* and *Land Economics*.

Charles Perrings is Professor of Environmental Economics and Head of the Environment Department, University of York. Previously he was Professor of Economics at the University of California, Riverside and Director of the Biodiversity Programme at the Beijer Institute, Stockholm. He is editor of the journal *Environment and Development Economics*; author of *Economics of Ecological Resources: Selected Essays* (1997, Cheltenham UK and Northampton, MA, Edward Elgar), and co-editor of *Biological Diversity: Economic and Ecological Issues* (1995, Cambridge, Cambridge University Press), and *Biodiversity Conservation: Problems and Policies* (1994, Dordrecht, Kluwer Academic Press).

Rüdiger Pethig is Professor of Economics at the University of Siegen, Germany. He is the co-author of *Trade and Environment* (1980, Amsterdam, Elsevier) and the editor of *Conflicts and Cooperation in Managing Environmental Resources* (1992, Berlin, Springer-Verlag) and of *Valuing the Environment: Methodological and Measurement Issues* (1994, Boston, Kluwer Academic Publishers).

Adam Rose is Professor and Head of the Department of Energy, Environmental and Mineral Economics at The Pennsylvania State University. He is currently involved in research on global climate change, economics of natural hazards, natural-resource-dependent economies, new energy technologies and applied general equilibrium modelling. He has authored several books and numerous articles published in such journals as *Energy Economics, Energy Journal, Resource and Energy Economics, Journal of Environmental Economics and Management, Environment and Development Economics, Journal
of Regional Science, Energy Policy and Resources Policy. He served as the American Economic Association representative to the American Association for the Advancement of Science from 1986 to 1992. His research has been funded by the United Nations, US Environmental Protection Agency, US Department of Energy, Center for Clean Air Policy, Multidisciplinary Center for Earthquake Engineering Research, California Air Resources Board and several private firms. He is a member of the editorial boards of the Journal of Regional Science, Resource and Energy Economics, Resources Policy and Pacific and Asian Journal of Energy.

Jason F. Shogren is the Stroock Distinguished Professor of Natural Resource Conservation and Management, and Professor of Economics at the University of Wyoming. Before returning to his alma mater, he taught at Appalachian State, Iowa State and Yale universities. In 1997, Shogren served as the senior economist for environmental and natural resource policy on the Council of Economic Advisors in the White House. He was an associate editor of the Journal of Environmental Economics and Management, and is currently an associate editor of the American Journal of Agricultural Economics. Recent publications include Environmental Economics (1997, Oxford, Oxford University Press) and Private Property and the Endangered Species Act (1998, Austin, University of Texas Press); and essays on risk, conflict, valuation, environmental policy and experimental economics.

Bernard Sinclair-Desgagné is Professor of Technology Economics and Policy at the Ecole Polytechnique de Montréal and Senior Researcher at CIRANO, the Interuniversity Research Center for the Analysis of Organizations. His most recent research can be found in journals such as Econometrica (1994), the Journal of Law, Economics and Organizations (1999), the European Economic Review (1996) and Journal of Environmental Economics and Management (1995, 1997).

Laura Taylor is Assistant Professor of Economics in the Andrew Young School of Policy Studies, Georgia State University, USA. Her publications have appeared in such journals as the American Economic Review, the Journal of Environmental Economics and Management, Land Economics and Environmental and Resource Economics.

Tom Tietenberg, the Mitchell Family Professor of Economics at Colby College in Waterville, Maine, is the author or editor of ten books (including Environmental and Natural Resource Economics (1992, New York, HarperCollins), one of the best-selling textbooks in the field) as well as over 60 articles and essays on environmental and natural resource economics.
Elected President of the Association of Environmental and Natural Resource Economists by his colleagues in 1987–88, he has consulted on environmental policy with the United Nations, World Bank, the InterAmerican Development Bank, the Agency for International Development and the US Environmental Protection Agency.

David Wheeler is Lead Economist in the Environment Unit of the World Bank’s Development Research Group. He received his undergraduate degree from Princeton University (1968) and his PhD in Economics from the Massachusetts Institute of Technology (1974). Before joining the World Bank in 1990, Wheeler was a tenured Associate Professor of Economics at Boston University (1976–90). He has also been a visiting professor at MIT’s Department of Urban Studies and Planning (1978–79) and the National University of Zaire (1973–75); Director of the Development Studies Project in Jakarta, Indonesia (1987–89); and co-founder of the Boston Institute for Developing Economies. After joining the World Bank, Wheeler was asked to establish the Environment Unit in the Development Research Group. As Lead Economist, he directs a team that works on environmental policy and research issues in collaboration with policy makers and academics in Brazil, Colombia, Mexico, China, India, Indonesia, the Philippines and other developing countries. He has published numerous books and articles on issues related to development and environment.