
Contributors

Pertti Ala-aho is Associate Researcher at the Department of Process and Environmental Engineering, Water Resources and Environmental Engineering Laboratory, University of Oulu, Finland. His research interests include hydrological modelling in boreal regions, the interaction between groundwater and surface water, lake hydrology and lake water balance and the use of environmental tracers.

Ioannis Anastasiou is an Associate Researcher with ReSEES (Research tEam on Socio--Economic and Environmental Sustainability) at Athens University of Economics and Business.

Jorge Angulo-Valdés is a professor at the University of Havana, Cuba. He also is the Director of the Center for Marine Research at the University of Havana and Director of the International Ocean Institute Operational Center in Cuba. His research interests include marine management effectiveness of marine protected areas, ecology of reef fish, ecology of manatees and sharks, natural resources conservation and bioeconomics.

Vassilis Babalos is a lecturer at the Kavala Institute of Technology (Greece).

Tomáš Badura is a PhD candidate at the Centre for Social and Economic Research on the Global Environment at the University of East Anglia and holds an MSc in Theoretical Economics from the University of Amsterdam. He specializes in the economic dimension of ecosystem valuation, focusing in his current research on the methodological issues associated with the use of valuation for policy and decision-making purposes.

Kenneth J. Bagstad is a research economist working with the US Geological Survey's Geosciences and Environmental Change Science Center in Denver, Colorado. For this work, he uses GIS and modelling to map and value ecosystem service flows and social values for ecosystem services at multiple sites in the United States. He has previously worked with the US Department of Interior--Bureau of Land Management on testing alternative ecosystem services tools, including the ARIES (Artificial Intelligence for Ecosystem Services) and InVEST (Integrated Valuation of Environmental Services and Tradeoffs) models, for their value in decision-making for public land management.

Harold E. Balbach is Senior Research Biologist with the US Army Engineer Research and Development Center, Champaign, IL. He earned his Bachelor's degree from Chicago State University and his MS and PhD from the University of Illinois. His research has emphasized environmental impact analysis, natural resource demand modelling, and many aspects of military installation land management, focusing recently on endangered species and climate change concerns.

Edward B. Barbier is John S. Bugas Professor of Economics, Department of Economics and Finance, University of Wyoming. His main expertise is natural resource and development economics as well as the interface between economics and ecology. He has served

as a consultant and policy analyst for a variety of national, international and non-governmental agencies, including many UN organizations and The World Bank.

Amitrajeet A. Batabyal is Arthur J. Gosnell Professor of Economics at the Rochester Institute of Technology, New York. His research interests include natural resource and environmental economics, regional economics, international trade theory and issues at the interface of economics and political science.

Amos Bien is a population ecologist by academic training and administrator, and works in the field of the sustainability of tourism and standardization. He was the lead consultant in developing the 'Global Sustainable Tourism Criteria', author of the 'Tourism Sustainability Scorecard' for the Inter-American Development Bank (IDB).

Luke M. Brander is a freelance environmental economist based in Hong Kong. He is affiliated to the Institute for Environmental Studies (VU University Amsterdam) as Associate Researcher and to the Division of Environment, Hong Kong University of Science and Technology (HKUST) as Adjunct Assistant Professor. Luke's main research interests are in the design of economic instruments to control environmental problems and the valuation of natural resources and environmental impacts.

Adele Catzim-Sanchez is lead social scientist for the Belize ISIS Enterprises Ltd. She has worked on several research projects on the socioeconomic and governance effects of marine protected areas.

Hongyan Chen is Research Fellow at the School of Environmental Sciences, Liverpool University. Her research interests include economics of ecosystems and biodiversity, natural resource management, spatial statistical analysis and modelling, model integration and spatial decision-making support.

William W.L. Cheung has been Assistant Professor at the Fisheries Centre, University of British Columbia (UBC) since 2011 and is the Principal Investigator of the Changing Ocean Research Unit. His main research area is on assessing the biophysical and socio-economic vulnerabilities and impacts of marine climate change and other human stressors, and identifying mitigation and adaptation options.

Joseph C. Cooper is chief of the Agricultural Policy and Models Branch and Deputy Director for Staff Analysis (Acting) for the Market and Trade Economics Division of the Economic Research Service of the US Department of Agriculture. Joe is an expert on farm policy and associated research, and has worked on topic areas ranging from commodity support to agri-environmental policy. Joe has also served as an economist at the Food and Agricultural Organization of the United Nations.

Jessica Coria is Associate Professor at the Environmental Economics Unit, Department of Economics, University of Gothenburg. Her work lies in the effects of the choice of market-based policy instruments on the rate of adoption of environmentally friendly technologies and compliance with environmental regulations. Her research deals with the optimal design of environmental policies that considers the multiple complexities of environmental problems, such as for instance, the temporal and spatial patterns of pollution as well as the interaction across pollutants and joint environmental damages.

Giuseppe Cucuzza is Associate Professor of Environmental Economics at the University of Catania (Italy). His research focuses on policy and economics of agricultural externalities, and biodiversity.

Arianne T. de Blaeij is a research scholar at the Research Unit on Regional Economy and Land Use of LEI Wageningen UR. She is a specialist in monetary valuation of and payment mechanisms for conservation of and improving ecosystem services, and in cost–benefit analysis.

Tom Dedeurwaerdere is Director of the Biodiversity Governance Unit of the Centre for the Philosophy of Law, Professor of Philosophy of Science at the Université Catholique de Louvain and Senior Research Associate at the National Research Foundation, Belgium (F.R.S.-FNRS).

Maria De Salvo is a Research Assistant at the University of Verona (Italy). Her research focuses on non-market valuation methods, and assessment of climate changes impact on agricultural and natural ecosystems.

Salvatore Di Falco is Professor of Environmental Economics at the University of Geneva. His research focuses on the intersection between environmental and development economics using econometric models. He has analysed the contribution of natural resources such as biodiversity on agricultural productivity, food security and weather risk in arid environments. His work also focuses on the role of institutional structures (common property forests) on natural resource conservation, rural development and poverty reduction. More recent work includes the impact of social capital and traditional sharing norms on consumption, saving accumulation, investment decisions and adaptation to climate change.

Sahan T.M. Dissanayake is Assistant Professor in Economics at Colby College, Maine, USA and an Assistant Professor (by courtesy) in Economics at Portland State University. His research uses tools from economics and mathematical programming to understand consumer preferences and solve resource allocation problems. His work focuses on theoretical reserve design models, choice experiment surveys of preferences for conservation, application of land use models to military installations, and spatially explicit renewable energy policy.

Anantha Kumar Duraiappah is Executive Director of the International Human Dimensions Programme on Global Environmental Change (UNU-IHDP). He is an experienced environmental development economist whose work largely focuses on the equity of access and use of ecosystem services. Professor Duraiappah helped to initiate the Intergovernmental Platform for Biodiversity and Ecosystem Services (IPBES) and has since then played a pivotal role in its recent approval. He additionally served on the scientific committee of DIVERSITAS, one of the Earth System Science Partnership (ESSP) partners. Professor Duraiappah continues to successfully incorporate his expertise in science–policy interaction, economics, development and ecosystem services into his work at the United Nations University and IHDP.

William H. Durham, is the co-founder and Co-Director of the Center for Responsible Tourism (CREST) at Stanford University. He is also the Bing Professor in Human

Biology in the Department of Anthropology, and the Yang and Yamazaki University Fellow. Bill has worked in Peru, Brazil, Ecuador, El Salvador, Honduras, Costa Rica and Panama, including a year with the Native American Kuna.

Riku Eskelinen is an Associate Researcher at the Department of Process and Environmental Engineering, and Water Resources and Environmental Engineering Laboratory, University of Oulu, Finland. He is mainly interested in peatland hydrology and peatland restoration. His Bachelor's degree in Civil Engineering was from Kotka University, Finland and his MSc in Environmental Engineering from Oulu.

Tamara Figueredo Martín is Researcher for the Center for Coastal Ecosystems, also Professor of Economy and Environment at the Center for Marine Research of the University of Havana, Cuba. Her research interests include natural resource and environmental economics, marine protected areas design and performance, integrated coastal zone management, status of fisheries, environmental issues of recreational fishing and SCUBA diving, socioeconomics issues and environment planning.

Patrick Fong is Senior Scientific Officer (Environment) at the Institute of Applied Science (IAS) of the University of the South Pacific, Fiji. Patrick's research focuses on resource management and poverty reduction; livelihood impacts of adaptive management; leadership and governance; management effectiveness; resilience and well-being.

Masahiko Gemma is Professor of Economics, Waseda University in Tokyo His research interests include economic development issues related to productivity and production efficiency problems for the transition economies in Europe and Asia. He is currently serving as director of the Institute of Japan-US Studies at Waseda University.

John M. Gowdy is Rittenhouse Professor of Humanities and Social Science, Department of Economics, Rensselaer Polytechnic Institute in Troy, New York. He is past President of the International Society for Ecological Economics. His current research interests include climate change, biodiversity valuation, behavioural economics, and evolutionary economics.

Martha Honey is co-founder and Co-Director of CREST, the Center for Responsible Travel and head of its Washington, DC office. She was Executive Director of The International Ecotourism Society (TIES) from 2003 to 2006.

Gary W. Johnson is a computer scientist and ecological modeller at the University of Vermont (UVM) who has worked for years in ecosystem services flow modelling. His research interests include neural and evolutionary computation, knowledge representation and reasoning under uncertainty, decision theory, statistical modelling, functional programming, and pattern classification.

Timo Karjalainen is Senior Research Fellow at Thule Institute, Adjunct Professor (Environmental Sociology, University of Oulu, Finland). His research interests are environmental impact assessment and social impact assessment, natural resource governance, analytic-deliberative methods, transdisciplinary and collaborative processes, and ecosystem services.

Marianne Kettunen is Senior Policy Analyst at the Institute for European Environmental Policy (IEEP), currently based as a guest researcher at the Finnish Environment Institute

in Helsinki. She coordinated the assessment of socioeconomic benefits of protected areas for the book *The Economics of Ecosystems and Biodiversity (TEEB) in National and International Policy Making* in 2011 and is the lead editor of the Earthscan book *Social and Economic Benefits of Protected Areas* released in 2013.

Björn Klöve is Professor and Director of the Laboratory of Water Resources and Environmental Engineering at the University of Oulu (Finland). He has published extensively in the following areas: hydrology of boreal systems, tracer hydrology, peat-land hydrology, peat hydraulic properties, sediment transport, groundwater hydrology, groundwater-dependent ecosystems, groundwater directives, environmental impacts of peat harvesting, water pollution control, treatment wetlands, diffuse loading, land use and water quality.

Eva Kougea is Associate Researcher with ReSEES (Research tEam on Socio-Economic and Environmental Sustainability) at Athens University of Economics and Business.

Phoebe Koundouri is Associate Professor at the Department of International and European Economic Studies, Athens University of Economics and Business and the Director of the Research tEam on Socio-Economic and Environmental Sustainability (ReSEES). She is also Senior Research Fellow at the London School of Economics and Political Science, Grantham Research Institute on Climate Change and the Environment. She is also the Vice-President of the European Association of Environmental and Resource Economics.

Pushpam Kumar is Chief of the Ecosystem Services Economics Unit, Division of Environment Programme Implementation, UNEP, where he works on mainstreaming of ecosystem services into development policy. He is also on the Faculty of School of Environmental Sciences, University of Liverpool, UK.

Vicky W.Y. Lam is a fisheries economist and a postdoc at the Fisheries Economics Research Unit (FERU) at the University of British Columbia. Vicky's research is focused on the effect of climate change on the economics of major commercial marine fisheries on the global scale.

Glenn-Marie Lange leads the environmental policy and economics work of The World Bank's Department of Agriculture and Environmental Services, which is responsible for The World Bank's work on wealth accounting and adjusted net savings, including the recent report, *The Changing Wealth of Nations* (World Bank, 2011). She also leads the Global Partnership for Wealth Accounting and the Valuation of Ecosystem Services (WAVES), which is working in more than ten countries to mainstream natural capital in national economic accounts and development planning.

Vincent Linderhof is a researcher at the Agricultural Economics Research Institute (LEI Wageningen UR) in The Hague. His research interests focus on the economic aspects of water allocation and the quality of water in low-income and high-income countries, including the valuation of water, water policy assessment and climate change impact assessment.

Anil Markandya is Director of the Basque Centre for Climate Change in the Basque Country, Spain and Honorary Professor of Economics at the University of Bath, UK.

He has acted as a consultant to a number of national and international organizations and served as Lead Economist at The World Bank.

Juan Maté is Coastal and Marine Science Advisor of the Smithsonian Tropical Research Institute (STRI) in Panama City.

Leonardo Mazza is a Senior Policy Analyst in IEEP's Environmental Economics Programme. He has led or contributed to work on mainstreaming biodiversity and ecosystem service values across relevant policy areas, the transition to the green economy, phasing out and reform of environmentally harmful subsidies (EHS), environmental tax and fiscal reform, policies for resource efficiency, indicators to complement GDP as a progress indicator and natural capital accounting.

Carlos Mena is Professor of Geography and Ecology at the School of Biological and Environmental Sciences in the Universidad San Francisco de Quito (USFQ), Ecuador. Dr Mena is Co-Director of the Galapagos Science Center and Director of the Unit for Socio-environmental Systems Research at USFQ.

Yohei Mitani is Assistant Professor in the Division of Natural Resource Economics, Graduate School of Agriculture at Kyoto University. He is also associated with the School of Economics and Business at the Norwegian University of Life Sciences (HH, NMBU).

Esther Naikal is a research analyst in the environmental policy and economics team of The World Bank's Agriculture and Environmental Services Department. For the past three years, she has been responsible for the database update and management of the wealth accounting work, which includes indicators published in the *World Development Indicators* such as adjusted net saving, adjusted net national income, and resource rents. She previously worked on The World Bank's Climate Change Knowledge and Learning initiative, leading the module on the Economics of Climate Change.

Daiju Narita is a researcher at the Kiel Institute for the World Economy, Germany. His research field is environmental economics, and his research interests include climate policy and uncertainty, climate change adaptation, and economic assessment of climate change impacts such as those associated with tropical cyclones and ocean acidification. Prior to his training in environmental economics, he studied chemistry and holds an MSc from the University of Tokyo.

Ståle Navrud is Professor of Environmental and Resource Economics at the School of Economics and Business at the Norwegian University of Life Sciences (HH, NMBU). He has been a Visiting Fulbright Research Fellow at the University of California (UC), Berkeley, and a Visiting Researcher at UC-San Diego and University of New Mexico, Albuquerque. His interests include cost-benefit analysis and economic valuation of terrestrial, aquatic and marine ecosystem services, biodiversity, landscape aesthetics, transportation noise, animal welfare, external effects of renewable energy, public health and cultural heritage, and spatial and temporal benefit transfer of these values.

Peter Nijkamp is Professor of Regional and Urban Economics at the VU University, Amsterdam. His main research interests include regional growth, quantitative policy evaluation, regional and urban modelling, transport systems analysis, environmental

and resource management, and sustainable development. He has broad expertise in the areas of public policy, services planning, infrastructure management, and environmental protection.

Paulo A.L.D. Nunes is the Scientific Coordinator of the Policy and Technical Expert Committee, WAVES – Wealth Accounting and the Valuation of Ecosystem Services, World Bank and guest professor at the University of Padova, Italy. Dr Nunes has contributed technical expertise to a wide set of international initiatives, including ‘The Economics of Ecosystems and Biodiversity – TEEB’, ‘Ocean Health Index – OHI’, and the Global Partnership for the Oceans, World Bank. His research interests include environmental policy and sustainable development, marine economics and governance, and economic valuation of ecosystem services for national accounting.

Hayri Önal is Professor of Operations Research (2005–present) in the Department of Agricultural and Consumer Economics, University of Illinois.

Ruslana Rachel Palatnik is a Senior Lecturer of Economics at the academic college of Emek Yezreel, and a Deputy Director of the Natural Resources and Environmental Research Center, University of Haifa, Israel. She developed a computable general equilibrium model of the Israeli economy and has been conducting climate change adaptation and mitigation policy analyses. In addition, she carried out econometric researches on external costs and economic incentives in solid waste management.

Charles Palmer is Lecturer in the Department of Geography and Environment of the London School of Economics.

Sarah Parks is president and founder of New York-based Amala Consulting, an interdisciplinary consulting company specializing in geographic information systems (GIS) and ecological economics. Her consulting work has focused on the development and analysis of ecological, social and economic data. Notable projects have included the mapping and analysis of water quality monitoring and hydraulic fracturing sites in New York and Pennsylvania, and the creation of ecological features maps and the valuation of ecosystem services on the New York Rensselaer Plateau.

Marta Pascual is a Postdoctoral Researcher at the Basque Centre for Climate Change (BC3). Her current research interests are focused on ecosystem services mapping, modelling and evaluation; as well as in marine spatial planning management, marine socio-economics, marine governance and the implementation of Marine Strategy Framework Directives (MSFDs). Her work has also been published in international peer-reviewed journals.

Marta Pérez-Soba is Senior Researcher in the team Earth Informatics at Alterra Wageningen University and Research Centre (the Netherlands). Her current research is focused on the interaction of land science with society and policy, involving the development of tools for integrated impact assessment of land use change, mapping of ecosystem services, and scenarios for future regional developments in Europe.

Fabián Pina-Amargós is Senior Researcher at the Center for Coastal Ecosystems Research and a Professor of Protected Areas of the Center for Marine Research of the University of Havana, Cuba. His research interests include fish community structure, marine pro-

tected areas design and performance, movement and spillover of fish, status of tropical ecosystems, integrated coastal zone management, hurricane impacts on tropical ecosystems, status of fisheries, environmental issues of recreational fishing and SCUBA diving, fish biodiversity and environmental economics.

Nico B.P. Polman is Senior Researcher responsible for investigations regarding (institutional) economics, economic governance, and linking ecological and economic system perspectives, including agent-based modelling. His research interests focus on the economic aspects of agriculture and freshwater supply, regional development and rural policy.

Lawrence Pratt is Director of the Latin American Center for Competitiveness and Sustainable Development (CLACDS) at the INCAE Business School (Alajuela, Costa Rica).

Manuel Pulido-Velazquez is Associate Professor of Hydrology and Water Resources Engineering at the Technical University of Valencia (UPVLC), Spain (since 2001), and a senior researcher within the Research Institute of Water Engineering and Environment.

Maarten J. Punt is currently working at the Technische Universität München as a Postdoctoral Researcher.

Diego Quiroga is Professor of Anthropology and Environmental Sciences at the Universidad San Francisco de Quito, Ecuador. His research interests focus on the human environment interaction and he is doing research both in the Amazon Forest and in the Galapagos, analysing the impact of tourism, conservation and extractive economies on the local population.

Katrin Rehdanz is Associate Professor of Environmental and Resource Economics at the University of Kiel associated with the Kiel Institute for the World Economy. She has a strong background in environmental valuation and environment-economy modelling.

Stijn Reinhard of the Dutch Agricultural Economics Research Institute (LEI part of Wageningen UR) is currently head of both the Department of Regional Economy and Land Use and the Department of Natural Resources.

Kalle Reinikainen is Associate Researcher at Pöyry Finland Oy, Tutkijantie, Oulu. He was Assistant Professor at the University of Oulu from 1995 to 2007.

Elizabeth Robinson is Reader in Environmental Economics at the University of Reading's School of Agriculture, Policy and Development, UK and a member of the UK Department for Environment, Food and Rural Affairs Economic Advisory Panel. She was a lead author for the Millennium Ecosystem Assessment, and coordinating lead author for the International Assessment of Agricultural Knowledge, Science and Technology for Development (IAASTD) Sub-Saharan Africa report, member of the global and Sub-Saharan Africa design teams, and co-author of the global synthesis report.

Pekka M. Rossi holds an MSc in Environmental Engineering and is a doctoral candidate at the University of Oulu, Finland. His research interests are groundwater management, groundwater flow modelling, groundwater-surface water interactions and natural tracers in hydrological studies.

Giselle Samonte is an economist for ERT (Earth Resources Technology, Inc.); she leads the Office of Habitat Conservation's efforts at the United States National Oceanic and Atmospheric Administration (NOAA)–Fisheries, in demonstrating the societal benefits of habitat conservation as related to marine and coastal ecosystem services.

Andrew Seidl is a Professor and Public Policy Specialist in the Department of Agricultural and Resource Economics at Colorado State University. Andy often works in communities and countries that feature unique or valuable natural wealth to identify strategies for local people to use economic tools to improve management decisions, capture economic benefits and encourage environmental stewardship.

Darius Semmens is with the US Geological Survey in 2008 as a research physical scientist. His current research interests include the development of new methods and tools for the assessment and valuation of ecosystem goods and services – the specific benefits that we derive from nature. More specifically, his work involves developing methods and tools that can account for the spatial and temporal dynamics of service production and incorporate that and other information into more rigorous analyses of the trade-offs associated with landscape management.

Mordechai Shechter currently serves as the Founding Dean of the School of Sustainability at the Interdisciplinary Center Herzlyia (IDC) in Israel. He is Professor Emeritus of the Department of Economics and of the Department of Natural Resource and Environmental Management at the University of Haifa, Israel.

Benyamin Shitovitz is a Professor of Economics at the University of Haifa since 1980. His main research areas and interest are mathematical economics, game theory and the theory of social situations, oligopoly theory, public economics and information economics.

Giovanni Signorello is a Professor of Environmental Valuation at the University of Catania (Italy). He leads the Master's programme on Conservation of Land, Environment and Landscape, the University Center for the Conservation and Management of Environmental Resources and Agroecosystems (CUTGANA), the Environmental Valuation Laboratory, the international programmes of the Department of Agri-food and Environmental Systems Management, the Belpasso International Summer School on Environmental and Resource Economics.

R. David Simpson, US Environmental Protection Agency, USA, is Director of Ecosystem Economic Studies in the United States Environmental Protection Agency's National Center for Environmental Economics. Simpson was a coordinating lead author for the Responses volume of the Millennium Ecosystem Assessment, a review editor for The Economics of Ecosystems and Biodiversity (TEEB) initiative, and now serves on the Policy and Technical Experts Committee to The World Bank's Wealth Accounting and the Valuation of Ecosystem Services project. He has written extensively on the economics of ecosystems, biological diversity and conservation policy, as well as industrial policy, technological change and green accounting.

Geraldine Sleian was the Coordinator for CESD (Center on Ecotourism and Sustainable Development) at Stanford University. She has since switched careers and is currently finishing up medical school at the University of California, San Francisco.

Henrik G. Smith is Professor in Animal Ecology at the Department of Biology, Lund University. He is also the director of Lund University Centre for Environmental and Climate Research that aims at gathering, strengthening and visualizing education and research within the area of environment and climate. He coordinates several research initiatives, including the strategic research area Biodiversity and Ecosystem Services in a Changing Climate, which engage researchers in multiple disciplines at Lund and Gothenburg Universities.

Rodney B.W. Smith is Associate Professor in the Department of Applied Economics at the University of Minnesota. His current research focus is on macroeconomic growth and economic development, applied production economics, natural resource economics and the economics of climate change. He has international research experience in Brazil, China, India, Japan and South Africa, and has lectured, presented seminars and participated in workshops in Africa, and throughout Asia, Europe and the USA.

Thomas Sterner is Visiting Chief Economist of the Environmental Defense Fund in New York and Professor of Environmental Economics at the University of Gothenburg, Sweden. He has built up the Unit for Environmental Economics, a prominent European centre that provides a unique PhD programme in climate economics for students from developing countries.

Mavra Stithou is Associate Researcher with ReSEES (Research tEam on Socio--Economic and Environmental Sustainability) at the Athens University of Economics and Business . . . She specializes in water and marine policy, integrated socioeconomic assessment of marine planning, the application of environmental valuation techniques (non-market valuation methods), cost–benefit analysis, and the use of benefits transfer.

U. Rashid Sumaila is Professor and Director of the Fisheries Economics Research Unit at UBC Fisheries Centre. He specializes in bioeconomics, marine ecosystem valuation and the analysis of global issues such as fisheries subsidies, IUU (illegal, unreported and unregulated) fishing and the economics of high and deep seas fisheries. Sumaila has experience working in fisheries and natural resource projects in Norway, Canada and the North Atlantic region, Namibia and the Southern African region, Ghana and the West African region and Hong Kong and the South China Sea.

Daniel Suman is Professor in Marine Policy at the Rosenstiel School of Marine and Atmospheric Science of the University of Miami. His research and project areas focus on coastal management, governance of marine resources and space, and marine protected areas – particularly in Latin America.

Rady T. Tawfik is an Assistant Professor in King Faisal University in Saudi Arabia. He also works for the Egyptian Environmental Affairs Agency. He has been involved in the European Union project for the development of South Sinai protectorates and quickly moved up to manage the Nature Conservation Training Centre.

Patrick ten Brink is Senior Fellow at IEEP and Head of the Brussels Office. He also leads IEEP's environmental economics programme, which focuses on the values of nature, green economy, environmental tax and fiscal reform including environmental harmful subsidies, beyond GDP indicators and environmental accounting. Patrick led The

Economics of Ecosystems and Biodiversity (TEEB) in National and International Policy Making work and is editor of the associated Earthscan book released in 2011.

Richard S.J. Tol is Professor at the Department of Economics, University of Sussex, UK and the Professor of the Economics of Climate Change, Institute for Environmental Studies and Department of Spatial Economics, Vrije Universiteit, Amsterdam.

R. Kerry Turner is Professorial Research Fellow in the School of Environmental Sciences at the University of East Anglia (UEA), UK and was the Director of the Centre for Social and Economic Research on the Global Environment from 1996 to 2010. Kerry specializes in environmental economics, coastal zone and wetland management, conservation economics and waste management research. He is currently a contributor to Defra's National Ecosystem Assessment Initiative and several POST reports. In 2000, Kerry Turner was awarded a CBE for his services to sustainable development.

C. Martijn van der Heide has been working as a research scholar at LEI Wageningen UR, The Hague, where his main areas of research are environmental cost-benefit analysis, economics (and valuation) of biodiversity conservation, ecological economics and landscape economics.

Ekko C. van Ierland Currently he is Full Professor of Environmental Economics and Natural Resources at Wageningen University and Head of the Environmental Economics and Natural Resources Group.

Peter Verweij is an environmental informatics engineer at Alterra, Wageningen-UR. His current research is on discussion support systems in participatory settings and ontology-based clearinghouses. He has been lead developer in several international service contracts and large European research projects that include the design and development of environmental modelling, integrated sustainability assessment tools, ecosystem service assessments and climate change adaptation tools. Peter is a member of the International Environmental Modelling and Software Society (iEMS).

Ferdinando Villa is leading, the ARIES project, aims to redefine the integrated assessment of ecosystem services and to provide new approaches to address the challenge of environmental decision-making in the twenty-first century.

Sissel Waage, PhD, is Director of Biodiversity and Ecosystem Services for BSR.

Xuanwen Wang is a Research Associate at CPWR – The Center for Construction Research and Training at Silver Spring, Maryland, USA. Her expertise is in environmental and natural resource economics, health economics and labour economics.

Hans-Peter Weikard has been Associate Professor at the Environmental Economics and Natural Resources Group of Wageningen University, the Netherlands, His interests are in natural resource economics, climate change economics, risk management and game theory applied to environmental problems. Jointly with Ekko van Ierland he has been coordinating the Stability of Coalitions project (STACO) examining drivers of stability of climate coalitions. In recent years this work has been extended to other types of international environmental agreements.

James D. Westervelt is a Research Scientist with the Engineer Research and Development Center, part of the United States Corps of Engineers. His research has focused on the sustainable management of lands supporting military training and testing, with special interests in endangered species simulation modelling, regional urban growth, climate change impacts on natural systems and modelling of social systems.

Manuel Winograd is consultant and advisor for Alterra (WUR, Wageningen, the Netherlands) and ETC-LUSI (Spain) in decision support tools. His applied research examines the assessment methods for vulnerability, adaptation, ecosystem services and sustainability evaluation, the use of scenarios and models for participatory assessment and indicator development as well as strengthening institutional capacities for decision support tools and modelling.

Sirini Withana is Senior Policy Analyst in IEEP's Environment and Climate Governance programme, specializing in environmental governance and environmental fiscal reform. She has led or contributed to work on reforming environmentally harmful subsidies (EHS), environmental tax reform, financial instruments and greening the EU budget.

Shiri Zemah-Shamir is a research fellow at NRERC (Natural Resource and Environmental Research Center), University of Haifa, where her main areas of research are economics (and valuation) of biodiversity conservation and ecosystem services and ecological economics.

