

# Contributors

**David Banister** is Professor Emeritus of Transport Studies at Oxford University. From 2006–2015 he was the Director of the Transport Studies Unit, Oxford University and he was Director of the Environmental Change Institute, also at Oxford University (2009–10). Prior to 2006, he was Professor of Transport Planning at University College London. His research expertise is in transport scenario building, sustainable cities, energy and environmental modelling, sustainability and inequality. He has published 25 books and over 300 papers in refereed journals on these topics.

**Iris Borowy** is Distinguished Professor of History and Director of the Center for the History of Global Development at Shanghai University. Her research focuses on the history of sustainable development, of global health and of the policies of international organizations with regard to waste. Her recent publications include: Borowy, I., The history of sustainable development within the United Nations and closely affiliated institutions, in J. Caradona, ed., *Routledge Handbook of the History of Sustainability* (2018. Abingdon: Routledge).

**Simon Dalby** is Professor of Geography and Environmental Studies at Wilfrid Laurier University, Waterloo, Ontario, where he teaches in the Balsillie School of International Affairs, and a Senior Fellow at the Centre for International Governance Innovation. He is author of *Environmental Security* (2002. Minneapolis, MN: University of Minnesota Press) and *Security and Environmental Change* (2009. Cambridge: Polity) and co-editor of *Reframing Climate Change* (2016. Abingdon: Routledge). He has active research interests in contemporary climate change discourse as well as the burgeoning debate about the Anthropocene and its implications for politics and policy formulation.

**Paul Ekins** is Professor of Resources and Environmental Policy at, and Director of the Institute for Sustainable Resources, University College London. His academic work focuses on the conditions and policies for achieving an environmentally sustainable economy. He has written or edited numerous books, papers and articles, including *Economic Growth and Environmental Sustainability: The Prospects for Green Growth* (2000. London: Routledge).

**Sabine Fuss** is an economist, currently leading a working group at the Mercator Research Institute on Global Commons and Climate Change. She holds a professorship in Sustainable Resource Management and Global Change at Humboldt University of Berlin. Her research interests are in sustainable development, land use change and climate change mitigation. She has been a Lead Author for the International Panel on Climate Change, serves on the steering committee of the

Global Carbon Project and is a guest scholar at the International Institute for Applied Systems Analysis.

**Geoffrey Gilpin** is Associate Professor in the Renewable Energy Program at the Western Norway University of Applied Sciences. Gilpin holds a PhD (2016) in Environmental Physics and Renewable Energy from the Department of Mathematical Sciences and Technology, at the Norwegian University of Life Sciences (NMBU). Gilpin worked as a researcher at NMBU (2006–2008), at the Western Norway Research Institute (WNRI) (2008–15), and in his current position works primarily in the application of industrial ecology methods to the fields of renewable energy and sustainability.

**Ian Gough** is Visiting Professor in CASE (Centre for the Analysis of Social Exclusion) and an Associate of the Grantham Research Institute on Climate Change and the Environment, both at the London School of Economics and Political Science. He is also Emeritus Professor at the University of Bath. His past books include *The Political Economy of the Welfare State; A Theory of Human Need*; and *Wellbeing in Developing Countries* (1979. Frankfurt: Springer Verlag). His latest book titled *Heat, Greed and Human Need: Climate Change, Capitalism and Sustainable Wellbeing* (2017. Cheltenham: Edward Elgar) is preceded by a range of articles in academic journals including the *Cambridge Journal of Economics* and the *Royal Society Philosophical Abstracts*.

**Aarti Gupta** is Associate Professor of Global Environmental Governance at the Environmental Policy Group, Department of Social Sciences, Wageningen University, the Netherlands. Her research focuses on equity, transparency and accountability in multilateral climate governance, and the politics of anticipating and governing novel technologies, such as climate engineering. Publications include the co-edited volume *Transparency in Global Environmental Governance: Critical Perspectives* (2014. Cambridge, MA: MIT Press). Gupta is Lead Faculty and member of the Scientific Steering Committee of the Earth System Governance Research Alliance. She is Associate Editor of the journal *Global Environmental Politics*, and series co-editor of *Cambridge Elements in Earth System Governance*.

**Erling Holden** is Professor in Renewable Energy at Western Norway University of Applied Sciences. Holden has worked with issues related to energy, transport and sustainable development since 1988. In this work, Holden combines technological-oriented environmental studies, sociological and socio-psychological behavioural studies, and physical planning studies. Since 2008 he has also worked on renewable energy projects' impacts on local economies, local societies, and local environments in pursuing a sustainable energy policy. He is co-author of *The Imperatives of Sustainable Development* (2017. Abingdon: Routledge) and *Achieving Sustainable Mobility* (2007. Farnham: Ashgate).

**Sonja Klinsky** is an Assistant Professor at the School of Sustainability, Arizona State University. Her work focuses on the intersections of justice and climate change policy-making at multiple scales. She recently published

(with J. Brankovic) *The Global Climate Regime and Transitional Justice* (2018. Abingdon: Routledge).

**Oluf Langhelle** is Professor in Political Science at University of Stavanger, Department of Media and Social Sciences, Norway. He took his Dr. Polit. degree at University of Oslo, Norway. His research has focused on the concept of sustainable development and follow-up, strategies for sustainable development, environmental politics and policy, including oil and gas policies in the Arctic, transitions towards low carbon societies, focusing on Carbon Capture and Storage (CCS), and the Doha Round Negotiations in the World Trade Organization (WTO). Recent publications include: Sustainable development: linking environment and development, in eds, J. Meadowcroft and D. Fiorino, *Conceptual Innovations in Environmental Policy* (2017. Cambridge, MA: MIT Press), and B. Kristoffersen and O. Langhelle, Sustainable development as a Global-Arctic matter: imaginaries and controversies, in eds, K. Keil and S. Knecht, *Beyond Geo-Politics: Arctic Governance in Global Perspective* (2017. London: Palgrave Macmillan).

**Kristin Linnerud** is an economist and a professor at Western Norway University of Applied Sciences (HVL). She also holds a part-time position as a senior researcher at CICERO, Center for International Climate Research. Linnerud has done research on issues related to energy, climate policy and sustainable development since 2004. An important research area is irreversible decisions under climate uncertainty. Her main work reflects a competence in micro-economics, behavioural economics and statistical analysis. She is co-author of *The Imperatives of Sustainable Development* (2017. Abingdon: Routledge).

**Eva Lövbrand** is an Associate Professor in Environmental Change at the Department of Thematic Studies at Linköping University, Sweden. Her research concerns the ideas, knowledge claims and expert practices that underpin environmental politics and governance.

**James Meadowcroft** is a Professor in both the Department of Political Science and the School of Public Policy and Administration at Carleton University. He holds a Canada Research Chair in Governance for Sustainable Development, and has written widely on environmental politics and policy, democratic participation and deliberative democracy, national sustainable development strategies, the environmental state and sustainability transitions.

**Karen O'Brien** is a Professor in the Department of Sociology and Human Geography at the University of Oslo in Norway. Her research focuses on the relationship between climate change adaptations and transformations to sustainability. She is the co-author with R. Leichenko of *Climate and Society: Transforming our Future* (2019. Cambridge: Polity), a textbook that emphasizes an integrative discourse on climate change.

**Felix Rauschmayer's** work can be subsumed under the heading "creating interdisciplinary methods for transdisciplinary environmental research". He linked approaches of different disciplines, for example, governance evaluation,

participatory multicriteria analysis, multi-level governance, capability approach, discourse analysis, needs approaches, theory of planned behaviour, hermeneutics, and introspection, in order to better understand societal conflict situations and to suggest resolution procedures. He applied his research to the fields of nature conservation and biodiversity, the energy turn, and other areas of sustainable living (adapted from: Rauschmayer, F. (2018). Dr. Felix Rauschmayer [online]. Leipzig: Helmholtz Centre for Environmental Research – UFZ. Available at: <https://www.ufz.de/index.php?en=39123> [accessed 19 December 2018]).

**Daniel Rosenbloom** is a PhD candidate in public policy at Carleton University. His research draws on transition and political perspectives to examine the politics of low-carbon transition pathways, exploring struggles over alternative innovation possibilities and potential decarbonized futures.

**Morten Simonsen** is a researcher in the Renewable Energy Program at the Department of Engineering and Natural Sciences, Western Norway University of Applied Sciences. His research focuses on renewable energy as well as energy use and emissions related to different modes of transport.

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**Harald Ulrik Sverdrup** is a Professor of Industrial Engineering at the University of Iceland, Reykjavik, Iceland. He has a background in chemical engineering and has for the most part of his career worked with modelling complex systems and aspects of sustainability at all scales. He was earlier working as President of the KA Rasmussen Precious Metals Industry in Norway and as a Professor of Chemical Engineering at Lund University, Sweden. At present he is focusing on global sustainability issues and building global integrated assessment models.

**Arkaitz Usubiaga** is a PhD candidate at the University College London – Institute for Sustainable Resources (UCL-ISR), where he is developing a set of distance-to-target environmental sustainability indicators for nations. Prior to joining UCL-ISR, Arkaitz was a research fellow at the Wuppertal Institute for Climate, Environment and Energy. In Wuppertal, his research mainly focused on environmental footprints and environmentally extended input–output analysis.