

Contributors

Shinichiro Asayama is a senior researcher at the National Institute for Environmental Studies, Tsukuba, Japan. His research focuses on understanding the role of discourses, framings and narratives in shaping the public debates around climate change, especially about carbon removal and solar geoengineering technologies.

Silke Beck is Professor of Sociology of Science at the Technical University Munich, Germany. Her research focuses on the role of expertise in environmental politics. She is an internationally recognised expert in the field of global environmental assessments as well as evidence-based policymaking on climate change, biodiversity and sustainability. She is the co-leader of the Helmholtz Centre for Environmental Research (UFZ) Science-Policy Expert Group, which has contributed to a variety of practical attempts to integrate research insights into recent assessment activities, including the IPCC and IPBES.

Béatrice Cointe is a researcher in STS at the Centre for Sociology of Innovation (Mines Paris, PSL University, CNRS) in Paris, France. Her work explores the relations between knowledge, environmental concerns and the organisation of the economy. She is currently investigating the making of climate and energy scenarios, especially by Integrated Assessment Models, and how their use of economics frames the climate challenge.

Kari De Pryck is a lecturer at the Institute for Environmental Sciences, University of Geneva (UNIGE), Switzerland. Before joining the UNIGE, she worked at the University of Cambridge, the Institute for Advanced Sustainability Studies (IASS) in Potsdam and the Université Grenoble Alpes. She is interested in the production of international expert knowledge and has been studying the IPCC since 2013.

Dalee Sambo Dorough (Inuit-Alaska) is the International Chair of the Inuit Circumpolar Council, a non-governmental organisation that represents approximately 180,000 Inuit from Chukotka (Russia), Alaska, Canada and Greenland. She holds a PhD from the University of British Columbia, Faculty of Law (2002), and a Master of Arts in Law & Diplomacy from the Fletcher School at Tufts University (1991). She is also a senior scholar and special advisor on Arctic Indigenous Peoples at the University of Alaska Anchorage and presently the Arctic Region representative to the Facilitative Working Group, the newest constitutive body of the UNFCCC.

Navroz K. Dubash is a professor at the Centre for Policy Research, New Delhi, India, and an adjunct senior research fellow at the Lee Kuan Yew School of Public Policy, National University of Singapore. He has been actively engaged in global and national debates on climate change, air quality, energy and water as a researcher, policy advisor and activist for over 25 years. Dubash is a Coordinating Lead Author for the Sixth Assessment Report of the IPCC, the editor of *India in a Warming World* (Oxford University Press), 2019 and has worked to inform and advise Indian government policymaking on climate change, energy, and air and water policy over the last decade. In the early 1990s, he helped establish the global Climate Action Network as its first international coordinator.

Paul N. Edwards is Director of the Program in Science, Technology & Society at Stanford University and Professor of Information and History (Emeritus) at the University of Michigan, USA. His research centres on the history and politics of climate knowledge. He is the author of *A Vast Machine: Computer Models, Climate Data, and the Politics of Global Warming* (MIT Press, 2010); co-editor (with Clark Miller) of *Changing the Atmosphere: Expert Knowledge and Environmental Governance* (MIT Press, 2001); and academic editor (with Janet Vertesi) of the MIT Press book series *Infrastructures*.

Hélène Guillemot is a researcher at the Centre Alexandre Koyré (CNRS, EHESS) in Paris, France. Trained as a physicist, she worked as a scientific journalist before receiving a PhD with a thesis on the history of climate modelling in France. Her current research interests include, from an STS perspective, climate sciences, modelling practices, climate change expertise and the relation between climate science and politics.

Karin M. Gustafsson is an associate professor of sociology at the Environmental Sociology Section, School of Humanities, Educational and Social Sciences, Örebro University, Sweden. Her research is situated in the field of environmental sociology and STS. She is currently studying science's role in international environmental

governance and the socialisation of early career researchers as experts in IPCC and IPBES.

Jordan Harold is a lecturer in psychology at the University of East Anglia, UK. Drawing on cognitive science, he researches how people interpret scientific evidence to help inform improved communication between scientists and society. He has worked in collaboration with the IPCC, authors and policymakers on the co-production of data visuals to several SPMs of the IPCC sixth assessment cycle.

Friederike Hartz is a PhD candidate in Geography at the University of Cambridge, UK, studying the IPCC and notions of responsibility at the science–policy interface. She has an interdisciplinary background in Political Science, International Relations and Environmental Sustainability Studies.

Hannah Hughes is a senior lecturer in international politics and climate change at the Department of International Politics, Aberystwyth University, Wales. Her work explores the relationship between knowledge, power and social order in the response to climate change and global environmental degradation.

Mike Hulme is a professor of human geography in the Department of Geography at the University of Cambridge, UK. His work sits at the intersection of climate, history and culture, studying how knowledge about climate and its changes is made, represented and used in public discourse around the world. He was awarded a personal certificate from the Nobel Committee for his ‘significant contribution’ to the work of the IPCC, which received the joint award of the 2007 Nobel Peace Prize. He is the author of ten books on climate change, including *Why We Disagree About Climate Change* (Cambridge, 2009).

Bård Lahn is a researcher at CICERO Centre for International Climate Research, Oslo, Norway, and a doctoral candidate in STS at the University of Oslo’s TIK Centre for Technology, Innovation and Culture. His work focuses on the role of scientific knowledge in climate politics, in particular in controversies about North–South justice and fossil fuel extraction.

Olivier Leclerc is a CNRS senior researcher at the Centre de Théorie et Analyse du Droit (UMR 7074 CTAD), CNRS, Université Paris Nanterre, Ecole normale supérieure (France). His primary area of research involves studying the production, diffusion and use of scientific and technical knowledge in public and private decision-making. His research interests include expertise, evidence, whistleblowing and scientific work.

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August Lindemer is a PhD candidate of sociology in the Department of Sociological Studies at the University of Sheffield and the Grantham Centre for Sustainable Futures, UK. His research concerns the constructions of climate change within the medical professions, with a particular interest in medical professional climate activism and advocacy. He has a background in environmental science with a focus on natural resource management and communication.

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Irene Lorenzoni is associate professor at the School of Environmental Sciences at the University of East Anglia, UK. As an environmental social scientist, she researches the relationships between perceptions and understandings of climate change and responses. Her interests encompass climate change communication; during the IPCC’s sixth assessment cycle, she contributed to the co-design of visuals in some of the SPM reports.

Martin Mahony is a lecturer in human geography in the School of Environmental Sciences, University of East Anglia, UK. He works on the histories and geographies of science and technology, with a particular interest in the science–policy interface within the governance of climate change. He has a long-standing interest in the work of the IPCC and in the roles of models, scenarios and visualisations in shaping political imaginations of environmental futures. He is the co-editor of *Cultures of Prediction in Atmospheric and Climate Science* (with Gabriele Gramelsberger and Matthias Heymann; Routledge, 2017) and of *Weather, Climate, and the Geographical Imagination* (with Samuel Randalls; University of Pittsburgh Press), 2020.

Jean Carlos Hochsprung Miguel is a researcher at the Federal University of Sao Paulo, Brazil. He teaches sociology at the Federal Institute of Education, Science

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Clark Miller is the Director of the Center for Energy and Society and a professor in the School for the Future of Innovation in Society at Arizona State University, USA. His research explores the ontological construction of climate change as a global threat and how human societies are reconfiguring themselves to know and respond to that threat. He is especially engaged in how societies can leverage this transformation to create more just human futures.

Marko Monteiro is currently an associate professor at the Science and Technology Policy Department, University of Campinas, Brazil. His research interests lie in STS and Anthropology of Science and Technology. His research focuses on sociotechnical controversies and governance, ethnographies of interdisciplinary scientific practice and science–policy interfaces.

Jessica O'Reilly, associate professor of International Studies at Indiana University Bloomington, USA, is an anthropologist who studies the science and politics of climate change, in Antarctica and among climate experts internationally. She is the author of *The Technocratic Antarctic: An Ethnography of Scientific Expertise and Environmental Governance* (2017, Cornell University Press), and a co-author of *Discerning Experts: Understanding Scientific Assessments for Public Policy* (2019, Chicago University Press).

Warren Pearce is a senior lecturer at iHuman and the Department of Sociological Studies, University of Sheffield, UK. He researches the social life of climate change using STS and digital methods, with a focus on how science is used in political debate and how climate change knowledge circulates online. He was a contributing author for the IPCC's Sixth Assessment Report.

Arthur C. Petersen is Professor of Science, Technology and Public Policy at University College London (UCL), UK. Before he joined UCL in 2014, he was Chief Scientist of the PBL, the Netherlands Environmental Assessment Agency. From 2001 until 2014 he served as Dutch government delegate to the IPCC.

Joanna Petrasek MacDonald is the lead on the climate change file for the Inuit Circumpolar Council (ICC) and coordinates the ICC's work at the UNFCCC and at the IPCC. She holds a Masters of Arts from McGill University. Her academic published work has focused on Arctic climate change adaptation and spanned

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Adam Standring is a Marie Skłodowska Curie Actions Individual Fellow in the Centre for Urban Research on Austerity at De Montfort University, UK. Prior to this, he was a postdoctoral researcher in Environmental Sociology at Örebro University, Sweden. His research concerns the political sociology of expertise and knowledge production, the relationship between facts and values in politics and public policy, and the diversity of expertise necessary for transformative social change. He is currently researching the construction and practice of expertise in the IPCC.

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Renzo Taddei teaches anthropology and science and technology studies at the Federal University of Sao Paulo, Brazil. His research addresses the interactions between scientific and traditional knowledge about the atmosphere in the Global South. He leads one of the National Science and Technology Institute for Climate Change clusters in Brazil and integrates a standing committee of the WMO.

Bianca van Bavel is a postdoctoral research fellow in climate change and health with the Priestley International Centre for Climate at the University of Leeds, UK. Her work considers the equity and justice of responses to climate change and

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Mark Vardy teaches sociological understandings of crime, deviance and justice in the Criminology Department of Kwantlen Polytechnic University, Canada. He is currently studying knowledge production in the IPCC. Past projects include ethnographic studies of the near-real-time visualisation of Arctic sea ice at the US National Snow and Ice Data Center, and how residents in Houston Texas experience their relation to home after being flooded in Hurricane Harvey.

Yulia Yamineva is a senior researcher at the Centre for Climate Change, Energy and Environmental Law, Law School, University of Eastern Finland, and a docent in Climate Law and Policy. Her research concerns the international law and governance of climate change and air pollution as well as science–policy interfaces. Previously, she worked for the UN Climate Change Convention Secretariat and International Institute for Sustainable Development Reporting Services.