

Scientific Recognition: Energy

Advisory Boards and Steering Committees

Jessica Jewell

- Contributing Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 6: Assessing Transformation Pathways
- Contributing Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 7: Energy Systems
- Contributing Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 10: Industry
- Contributing Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 14: Regional development and cooperation
- Chair, Permanent Committee on Diversity Management and Building a Positive Work Environment at IIASA

Nils Johnson

- Contributing Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 6: Assessing Transformation Pathways

Volker Krey

- Lead Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Technical Summary
- Lead Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 6: Assessing Transformation Pathways
- Contributing Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 9: Buildings
- Lead Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Annex 2: Metrics and Methodology
- Contributing Author, Emissions Gap Report 2014: A UNEP Synthesis Report, Chapter 2: What Emission Levels Will Comply with Temperature Limits?
- Member of the IPCC Task Group on Data and Scenario Support for Impact and Climate Analysis (TGICA) for the 5th Assessment Report cycle
- Member of the Steering Committee of the Energy Modeling Forum (EMF) 27 Exercise at Stanford University
- Member of the Steering Committee of the Energy Modeling Forum (EMF) 30 Exercise at Stanford University
- Co-chair of the Scientific Working Group on 'Data Protocols and Management' of the Integrated Assessment Modeling Consortium

Peter Kolp

- Contributing Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 5: Drivers, Trends and Mitigation
- Contributing Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 6: Assessing Transformation Pathways

David McCollum

- Lead Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 6: Assessing Transformation Pathways
- Contributing Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 12: Human settlements, infrastructure and spatial planning
- Lead Author, Emissions Gap Report 2014: A UNEP Synthesis Report, Chapter 2: What Emission Levels Will Comply with Temperature Limits?
- Chair, Subgroup on Regional Harmonization, Data Management Scientific Working Group, Integrated Assessment Modeling Consortium
- Member, Permanent Committee on Diversity Management and Building a Positive Work Environment at IIASA
- Member, Selection Committee IIASA-YSSP Peccei/Mikhalevich Scholarships

Nebojsa Nakicenovic

- Member of the Science Advisory Panel for the Joint Global Change Research Institute (JGCRI), College Park, MD, USA (2014– Present)
- Member of the Innovation for Cool Earth Forum (ICEF) Committee, Tokyo, Japan (2014–present)
- Member of OMV (Austrian oil company) Advisory Group on Sustainability (2011– Present)
- Member of the United Nations Secretary General’s High-Level Technical Group on Sustainable Energy for All, United Nations, New York, USA (2011– Present)
- Member of the Steering Committee, Renewable Energy Policy Network for the 21st Century (REN21), Paris, France (2010– Present)
- Member of the International Advisory Board of the Helmholtz Programme on Technology, Berlin, Germany (2010– Present)
- Board Member, Mitigation program of the Global Network for Climate Solutions (GNCS), Earth Institute at Columbia University, New York, USA (2010– Present)
- Member Committee on Scientific Planning and Review, International Council for Science (ICSU), Paris, France (2009– Present)
- Member, Advisory Council of the German Government on Global Change (WBGU), Berlin, Germany (2008– Present)
- Member of the Global Energy International Prize Committee, Russian Research Center “Kurchatov Institute,” Moscow, Russia (2008– Present)
- Member of the Integrated Assessment Modeling Consortium (IAMC), (2007– Present)
- Member of Organizing Committee of International Energy Economics Conferences (IEWT), Vienna University of Technology, Vienna, Austria (2003– Present)
- Expert for Energy Economics of WEC Austrian National Committee, Vienna, Austria (2003– Present)
- Lead Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 5: Drivers, Trends and Mitigation (2010-2014)
- Member of the SENSE Research School Review Panel, Netherlands (2014)

Shonali Pachauri

- Member of Technical Advisory Group, ENERGIA Gender & Energy Research Programme (2014-2019)

Narasimha Rao

- Deputy Chair, Permanent Committee on Diversity Management and Building a Positive Work Environment at IIASA

Keywan Riahi

- Member of the Modelling and Informing Low Emission Strategies (MILES) Coordination Board (2014–present)
- Scientific Steering Group Member, Advanced Model Development and Validation for Improved Analysis of Costs and Impacts of Mitigation Policies (ADVANCE), FP7-Research Project, European Commission (2013-2016)
- Scientific Steering Committee Member, IGAC/SPARC Chemistry-Climate Model Initiative (CCMI) (2012–present)
- Scientific Steering Group Member, Energy Modeling Forum Study 27, Stanford University (2011–present)
- Member of the International Committee On New Integrated Climate Change Assessment Scenarios (ICONICS) (2011–present)
- Co-chair of the ICONICS Working Group on Drivers and Scenarios for Shared Socioeconomic Pathways (SSPs) (2011–present)
- Co-chair of the Working Group on Scenarios for Shared Socioeconomic Pathways (SSPs) Integrated Assessment Modeling Consortium (IAMC) (2009–present)
- Scientific Steering Committee Member, Integrated Assessment Modeling Consortium (IAMC) (2008–present)
- Member of the Scientific Subgroups on Data protocols and Scenario Storylines, Integrated Assessment Modeling Consortium (IAMC)
- Member, Core Writing Team, Intergovernmental Panel on Climate Change (IPCC), Synthesis Report (2013-2014)
- Member, Core Writing Team, Intergovernmental Panel on Climate Change (IPCC), Synthesis Report: Summary for Policy Makers (2013-2014)
- Review process coordinator, Austrian Panel on Climate Change Assessment Report (APCC) (2012-2014)
- Member of the Organizational Committee of the Austrian Panel on Climate Change Assessment Report (APCC) (2011-2014)
- Scientific Steering Group Member, Assessment of Climate Change Mitigation Pathways and Evaluation of the Robustness of Mitigation Cost Estimates (AMPERE), FP7-Research Project, European Commission (2011-2014)
- Scientific Steering Group Member, Low climate IMPact scenarios and the Implications of required Tight emission control Strategies (LIMITS), FP7-Research Project, European Commission (2011-2014)
- Scientific Steering Group Member, AMPERE, FP7-Research Project, European Commission (2011-2014)
- Scientific Steering Group Member, LIMITS, FP7-Research Project, European Commission (2011-2014)
- Lead Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Technical Summary (2010-2014)
- Contributing Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 6: Assessing Transformation Pathways (2010-2014)

- Lead Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 7: Energy Systems (2010-2014)
- Glossary Contributor, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Annex 1: Glossary, Acronyms and Chemical Symbols (2010-2014)
- Contributing Author, Emissions Gap Report 2014: A UNEP Synthesis Report, Chapter 2: What Emission Levels Will Comply with Temperature Limits? (2014)
- Member of Integrated Model to Assess the Global Environment version 3.0 (IMAGE 3.0) Advisory Board, Netherlands (2014)
- Energy Modeling Forum Study 27, Scientific Steering Group Member, Stanford University (2014)

Joeri Rogelj

- Contributing Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 6: Assessing Transformation Pathways
- Member, Extended Core Writing Team, Intergovernmental Panel on Climate Change (IPCC), Synthesis Report
- Member, Extended Core Writing Team, Intergovernmental Panel on Climate Change (IPCC), Synthesis Report: Summary for Policy Makers
- Lead Author, Emissions Gap Report 2014: A UNEP Synthesis Report, Chapter 1: Introduction
- Lead Author, Emissions Gap Report 2014: A UNEP Synthesis Report, Chapter 2: What Emission Levels Will Comply with Temperature Limits?

Hans Holger Rogner

- Lead Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 1: Introductory Chapter
- Contributing Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 7: Energy Systems
- Glossary Contributor, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Annex 1: Glossary, Acronyms and Chemical Symbols

Bing Zhu

- Member, Technical Committee of Optimal Control, International Federation of Automatic Control (IFAC)
- Vice Chair, Chemical Techno-Economics Committee, Chinese Technology Economics Society
- Member, Steering Committee, Chinese Society of Technology Economics
- Vice Chair, Circular Economy Committee, Chinese Ecological Economics Society
- Member, Industrial Ecological Economics and Technology Committee, Chinese Society of Ecological Economics
- Member, Economics Committee, Chinese Petroleum Society

Editorships

Volker Krey

- Associate Deputy Editor of *Climatic Change* (2010 – Present)
- Guest co-Editor of the Special Issue on Energy Modeling Forum 27 in *Climatic Change* (2012 – Present)

Nebojsa Nakicenovic

- Editorial Board, *The Scientific World Journal* (2012– Present)
- Editorial Board, *Energy Strategy Reviews* (2011– Present)
- Advisory Board Member, *International Journal on Climate Policy* (2000– Present)
- Advisory Board Member, *Technological Forecasting and Social Change* (2010– Present)
- Editorial Board Member, *Current Opinion in Environmental Sustainability* (2009– Present)
- Editorial Manager, *International Journal of the Institution of Civil Engineers* (2008– Present)
- Editorial Board Member, *International Journal of Energy Sector Management* (2006– Present)
- Subject Editor, Scenarios of IGBP AIMES (Analysis, Integration and Modelling of the Earth System) (2006– Present)
- Editorial Board Member, *Climate Policy* (2000– Present)
- Board of *Environmental Innovation and Societal Transitions*, Elsevier (2011– 2014)

Shonali Pachauri

- Editorial board, *Economics of Energy & Environmental Policy* (2011-Present)
- Guest co-editor of the Special Issue on Clean Cooking Fuels and Technologies in Developing Economies in *Energy Policy*.

Keywan Riahi

- Special Issue Guest co-Editor, *Climatic Change* (2014)
- Special Issue on Representative Concentration Pathways (RCPs) co-editor, *Climatic Change* (2014)

Bing Zhu

- Member of Editorial Board, *Technology in Society*
- Member of Editorial Board, *Chemical Industry* (Chinese Journal)
- Member of Editorial Board, *Energy Conservation and Emission Reduction in Petroleum and Petrochemical Industry* (Chinese Journal)