

## Scientific Recognition: Transitions to New Technologies

### Editorships

#### *Arnulf Grubler*

- *Journal of Industrial Ecology* (1996- present)
- *Carbon Management* (2009-present)

#### *Nebojsa Nakicenovic*

- Editorial Board, *The Scientific World Journal* (2012-present)
- Editorial Board, *Energy Strategy Reviews* (2011-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)
- Advisory Board Member, *International Journal on Climate Policy* (2000-present)
- Board of *Environmental Innovation and Societal Transitions*, Elsevier (2011– 2014)

#### *Keywan Riahi*

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

### Advisory Boards, Steering Committees, and IPCC

#### *Luis Gomez-Echeverri*

- Lead Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Technical Summary
- Glossary Editor, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Annex 1: Glossary, Acronyms and Chemical Symbols
- Member, Core Writing Team, Intergovernmental Panel on Climate Change (IPCC), Synthesis Report
- Member, Core Writing Team, Intergovernmental Panel on Climate Change (IPCC), Synthesis Report: Summary for Policy Makers

#### *Arnulf Grubler*

- Member, Scientific Advisory Board UK Energy Research Centre
- Review Editor, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Chapter 1: Introductory Chapter

#### *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

#### *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)

#### *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 Policymakers (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)

#### *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
- Contributing Author, Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working Group III, Annex 1: Glossary, Acronyms and Chemical Symbols