

## Scientific Recognition: Energy

### Awards

#### Keywan Riahi

- Highly Cited Researcher worldwide by Thomson Reuters, 2016 and 2017

### Advisory boards

#### Matthew Gidden

- Elsevier Energy Forum Member (2017-present)

#### Jessica Jewell

- Advisory Board Member, Premises for bioenergy with carbon capture and storage in the global response to climate change, Swedish Energy Agency Funded project (2016-2018)
- Advisory Board Member, Routledge Energy Transitions series (2017-present)

#### Volker Krey

- 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 Coordination Board, CD-LINKS (Linking Climate and Development Policies-Leveraging International Networks and Knowledge Sharing) EU Horizon 2020 project (2015-2019)
- Coprincipal Investigator of the SENSES project funded under JPI Climate
- Cochair of the Scientific Working Group on 'Data Protocols and Management', Integrated Assessment Modeling Consortium (IAMC)

#### David McCollum

- Member of the Steering Committee of the International Transport Energy Modeling Consortium (iTEM)

#### Nebojsa Nakicenovic

- Member of the United Nations Ad Hoc Group on SDG7 (2017-present)
- Member of the Academy of Sciences of Montenegro (2016-present)
- Member of the International Advisory Committee, A Global Sustainable Technology & Innovation Conference (G-STIC) (2017-present)
- Member of the [UN Secretary General Special Advisory 10-Member Group to support the Technology Facilitation Mechanism](#) (2016-present)
- Executive Director of The World in 2050 (TWI2050) (2015-present)
- Member of the Scientific Advisory Board of the Potsdam Institute for Climate Impact Research (PIK) (2015-present)
- Member of the Scientific Advisory Panel on Macroeconomic Effects and Distributional Issues of the Energy Transition, German Federal Ministry for Economic Affairs and Energy (2015-present)
- Member of the Innovation for Cool Earth Forum (ICEF) Steering Committee, Tokyo, Japan (2014-present)
- Member of OMV Advisory Group on Sustainability (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 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)
- Expert for Energy Economics of WEC Austrian National Committee, Vienna, Austria (2003-present)

#### Shonali Pachauri

- Member of Technical Advisory Group, ENERGIA Gender and Energy Research Programme (2014-2019)
- Scientific Advisory Panel, Climate and Clean Air Coalition (2016-present)

**Keywan Riahi**

- Lead Author, Chapter 5 of IPCC special report on the impacts of 1.5° above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty (2017-2018)
- Member of the GGKP Sustainable Infrastructure Research Committee of the Global Green Growth Institute (GGGI), the Organisation for Economic Cooperation and Development (OECD), the United Nations Environment Programme (UNEP), and the World Bank (2016-present)
- Project Coordinator and member of Coordination Board, CD-LINKS (Linking Climate and Development Policies-Leveraging International Networks and Knowledge Sharing) EU Horizon 2020 project (2015-2019)
- Advisory Board, COMBI (Calculating and Operationalizing the Multiple Benefits of Energy Efficiency in Europe) EU Horizon 2020 project (2015-2018)
- Advisory Board, VIACS (Vulnerability, Impacts, Adaptation, and Climate Services) for CMIP-6 (Coupled Model Intercomparison Project-6) (2015-present)
- Coordination Board, MILES (Modelling and Informing Low Emission Strategies) EU Funded project (2014-2017)
- Committee Member, ICONICS (International Committee on New Integrated Climate Change Assessment Scenarios) (2011-present)
- Scientific Steering Committee, IAMC (Integrated Assessment Modeling Consortium) (2007-present)
- Cochair, Working Group on SSPs (Scenarios for Shared Socioeconomic Pathways), IAMC (Integrated Assessment Modeling Consortium) (2009-present)

**Joeri Rogelj**

- Contributing Author, Emissions Gap Report 2017: A UNEP Synthesis Report, Chapter 3: The emissions gap and its implications
- Member of the Scientific Steering Committee, International Conference on Negative CO<sub>2</sub> Emissions (22-24 May 2018, Gothenburg, Sweden)
- Coordinating Lead Author, Special Report on 1.5°C of Warming, Intergovernmental Panel on Climate Change (IPCC), Chapter 2: Mitigation pathways compatible with 1.5°C in the context of sustainable development

**Bing Zhu**

- Member, International Resource Panel (IRP), United Nations Environment Programme
- Member, China's Inter-Ministerial Panel on Circular Economy
- Member and Secretary for IIASA Affairs, Advisory Panel of National Natural Sciences Foundation of China (NSFC) on Cooperation with International Organizations
- Member, Technical Committee of Optimal Control, International Federation of Automatic Control (IFAC)
- Vice Chair, Circular Economy Committee, Chinese Ecological Economics Society

**Editorships****Julian Hunt**

- Guest Editor of the Special Issue entitled "Technology Innovation and Sustainable Development" on the *International Journal of Innovation and Sustainable Development* (2017-present).

**Jessica Jewell**

- Editorial Board Member, *Energy Research and Social Science* (2015-present)
- Elsevier Energy Forum Member (2016-present)

**Volker Krey**

- Associate Deputy Editor, *Climatic Change* (2010-present)

**Marek Makowski**

- Editorial Board Member of Polish journal "Telekomunikacja i Techniki Informacyjne" (Telecommunication and Information Technology) (2012-present)
- Member of the Scientific Council of the journal "Przyszłość: Świat, Europa, Polska" ("Future: World, Europe, Poland") published by the Future Studies Committee "Poland 2000 Plus" of the Polish Academy of Sciences (2012-present)

**David McCollum**

- Guest coeditor, Special Issue on Global Transport Projections for Integrated Assessment in Transportation Research Part D: Transport and Environment

**Nebojsa Nakicenovic**

- Editorial Board, book series Routledge Studies in Energy Transitions (2017-present)
- Guest editor, *Environmental Research Letters* (2015-present)
- Editorial Board, *Ecosystem Health and Sustainability* (2014-present)
- Editorial Board, *Energy Policy* (2012-present)
- 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 Board Member, *International Journal of Energy Sector Management* (2006-present)
- Advisory Board Member, *Climate Policy* (2000-present)
- Advisory Board Member, *International Journal on Climate Policy* (2000-present)
- Editorial Board Member, *Environmental Innovation and Societal Transitions*, Elsevier (2011-present)

**Shonali Pachauri**

- Editorial board, *Economics of Energy & Environmental Policy* (2011-present)
- Editorial board, *Environmental Research Letters* (2018-present)

**Keywan Riahi**

- Editorial Advisory Panel member, Social Science and Policy, *Nature Energy* (2015-present)
- Associate Editor, *Energy Strategy Reviews* (2015-present)
- Coeditor, Special Issue on Shared Socioeconomic Pathways (SSPs): Quantification of the New SSPs for Climate Change Research, *Global Environmental Change* (2014-2017)
- Coeditor, Special Issue on the CD-LINKS *Climatic Change* (2016-2018)

**Joeri Rogelj**

- Reviewer Editorial Board, *Frontiers in Energy Research*, *Frontiers in Interdisciplinary Climate Sciences* (2013-present)
- Editorial Board Member, *Environmental Research Letters* (2016-present)
- Guest Editor, *Proceedings of the National Academy of Sciences of the United States of America* (2016)

**Bing Zhu**

- Member of Editorial Board, *Technology in Society* (2011-present)
- Member of Editorial Board, *Chemical Industry* (Chinese Journal) (2008-present)
- Member of Editorial Board, *Green Petroleum and Petrochemicals* (Chinese Journal) (2011-present)
- Member of Editorial Board, *Coal Processing and Comprehensive Utilization* (Chinese Journal) (2014-present)