

## Scientific Recognition: Risk and Resilience

### Awards

#### *Risk and Resilience Program*

- Disaster Prevention Research Institute (DPRI) Award. In recognition of the program's contributions in the organization of the IIASA-DPRI conferences for the last nine years and their co-founding of the Integrated Disaster Risk Management Society

#### *Stefan Hochrainer-Stigler*

- Integrated Disaster Risk Management Distinguished Service Award

#### *Thomas Schinko*

- Climate Change Center Austria (CCCA) Young Scientist Award 2016

### Invited lectures and panel discussions (selected)

#### *Stefan Hochrainer-Stigler*

- The Role of Risk Modeling to Manage Earthquake Risk and Promote Catrisk Insurance in the Middle East (Panel Speaker). 7<sup>th</sup> International Conference on Integrated Disaster Risk Management, Isfahan, Iran, October 2016
- IIASA- Ministry of Energy (Iran)-International Institute of Earthquake Engineering and Seismology Roadmap for Economic Resilience of Electricity Network. 7<sup>th</sup> International Conference on Integrated Disaster Risk Management, Isfahan, Iran, October 2016
- The IIASA CATSIM Model (Invited Speaker). 7<sup>th</sup> International Conference on Integrated Disaster Risk Management, Isfahan, Iran, October 2016
- Katastrophen und Extreme - können wir uns vor den Folgen schützen? 4. Laxenburger Klima- und Energietag, Laxenburg, Austria, May 2016

#### *Adriana Keating*

- "Everything's changed – Everything is different", Clive Hamilton Public Lecture (panel). Coming to terms with the Anthropocene, Vienna University of Economics and Business, Vienna, June 2016

#### *Nadya Komendantova*

- Resilience of electricity grids - Space Weather and Critical Infrastructures. JRC, Ispra, Italy, November 2016
- Renewable energy and the need for participatory governance of energy transition. 5<sup>th</sup> Annual Renewable Energy Finance in Practice Forum, Vienna, October 2016.
- Governing risks of natural hazards to electricity transmission networks. Meeting of the Energy Charter Industry Advisory Panel. The Future of Electricity Sector: Removing Barriers and Attracting Investment, Prague, August 2016
- De-risking investment into renewable energy. Financiers' panel: Current challenges for local and international renewable energy financiers. Conference "Addressing Strategies and Opportunities for the Successful Procurement and Construction of Solar, Wind and Hydro Projects in Morocco", Rabat, Morocco, April 2016

#### *Mia Landauer*

- Risk Governance in the Changing Arctic. Arctic Futures 2016, Tromsø, Norway, January 2016

#### *JoAnne Linnerooth-Bayer*

- Why do experts speak with many voices? The role of expertise in policy debates (Masterclass): EU-AU-IIASA Evidence and Policy Event, Water-Energy-Good Nexus, European Commission Joint Research Centre (JRC), Ispra, Italy, August-September 2016
- Moderator of dance-science performance, Courage, JRC Art & Sciences workshop, JRC, Ispra, August-September 2016

#### *Wei Liu*

- Integrated Systems Analysis and Participatory Scenarios Planning for Sustainable Futures. Israel Center for Strategic Futures, Tel Aviv, Israel, February 2016
- Multi-level governance of transboundary conservation in South China border area. Conservation Asia 2016, National University of Singapore, Singapore, June 2016
- Diagnosing and Assessing Resilience – from theories and concepts to practice. Chinese Academy of Agricultural Sciences, Beijing, China, July 2016
- Conservation Social Science: Student Conference on Conservation Science, Beijing, Peking University, Beijing, China, November 2016

*Piotr Magnuszewski*

- Serious Games, learning through experience, complexity and fun. Green Games Festival, Warsaw, Poland, April 2016
- Teaching, Learning and Practicing Sustainability Through Serious Games. Summer School “Planetary Boundaries. Art of Modelling”, Zvenigorod, Russia, May 2016
- Experiential Learning Environments as a Means for Transformation (session). System Dynamics conference, Delft, Netherlands, June 2016

*Reinhard Mechler*

- Dealing with climate risks beyond adaptation: Shocks and Coping Strategies in Developing Countries (keynote speaker). An international and interdisciplinary conference at Technische Universität Dresden on Risk and risk management in low-income countries, Dresden, Germany, October 2016
- Risk management for managing the financial consequences of climate variability and change. Climate-Knowledge and Innovation Communities side event on “Climate meets finance: financing the transition and managing climate risks,” COP22, Marrakesh, Morocco, November 2016
- Loss and Damage: Perspectives and Options. COP22 side event on Loss and Damage, Marrakesh, Morocco, November 2016
- Weather extremes and fiscal risk management. EU Commission Workshop on Economics of Adaptation, Brussels, September 2016
- Challenges and opportunities in applying financial instruments to loss and damage. Fourth Forum of UN Framework Convention on Climate Change’s Standing Committee on Finance “Financial instruments that address the risks of loss and damage”, Manila, Philippines, September 2016
- Climate risk management for the Loss and Damage debate. Adaptation Futures 2016, Rotterdam, May 2016

*Michael Miess and Stefan Schmelzer*

- Empirical SFC Modelling – An Application for Austria: OECD Economics Department & Financial and Enterprise Affairs Seminar, Paris, November 2016

*Junko Mochizuki*

- Improving Humanitarian Coordination for Risk Aware Society (panel session): Integrated Disaster Risk Management, Iran, October 2016
- Disasters as opportunity for Change: Tsunami Recovery and Energy Transition in Japan. Integrated Disaster Risk Management, Iran, October 2016

*Sebastian Poledna*

- Financial networks and agent-based modeling of systemic risk. Southern African Systems Analysis Centre High-level System Analysis Capacity Strengthening Three Week Programme 2016, Johannesburg, South Africa, August-September 2016
- Macroeconomic modeling with a massively parallel agent-based model and big-data. International Workshop on Priority Issue 3 to be Tackled by Using Post K Computer, Development of integrated simulation system for earthquake and tsunami hazards and disasters, Awaji, Japan, December 2016

*Thomas Schinko*

- Climate-Related Risk and Migration (invited workshop leader). Globalization and Migration, Attac Summer Academy, Schrems, Austria, July 2016

*Michael Thompson*

- How BOFIs (Banks and Other Financial Institutions) Think. Mary Douglas Memorial Lecture (30<sup>th</sup> Anniversary of her “How Institutes Think”), University college London, May 2016
- The Wheels on the Bus Go Round and Round – Innovation Cycles in Technological Evolution. Alpbach Forum, August 2016

**(Co-) Organized events**

*Nadya Komendantova*

- Participatory governance for siting of contested infrastructure: examples of e-waste. Experts workshop on increasing regional potentials for development of programs to address ecological problems. UN Industrial Development Organization, Moscow, Russia, August 2016

*JoAnne Linnerooth-Bayer and Piotr Magnuszewski*

- Narubu game of many voices: Joint JRC – IIASA Summer School - Masterclass: “Co-producing science for policy: a multi-perspective approach”, Ispra, Italy, August 2016

*Piotr Magnuszewski with Adriana Keating and Adam French*

- Flood Resilience Game. Series of gaming session at IIASA, Lima (Peru) and Jakarta (Indonesia), May-June 2016.

*Piotr Magnuszewski*

- Games Politicians should play. Budget Game - how to successfully engage citizens in participating in decision making in their city, Wroclaw, Poland, January 2016
- Energy Transition Game. Leading simulation game and presentation, Shaping Europe's Energy Future workshop (organized by the Wuppertal Institute), System Innovation Lab, Berlin, February 2016
- Energy Transition Game. Workshop as a part the celebrations of the 30th anniversary of the German Ministry of Environment, Berlin, September 2016
- Integrating culture into disaster risk management in the context of migrations. Workshop with the game "Gifts of Culture" at the Balaton Group meeting, Balatonszemes, Hungary, September 2016

*Michael Thompson (with Bruce Beck)*

- Resilience and Future Change: two day workshop, Centre for Doctoral Training, Department of Civil and Environmental Engineering, Imperial College London, November 2016

**Advisory Boards**

*Love Ekenberg*

- Academy of Finland Research Council, SRC 15-TECH-SCI panel, Strategic Research Funding
- Research Grants Council of Hong Kong
- Chairman of the board, eGovLab, Sweden

*Adam French*

- External Member, Board of Research Review, Pontifical Catholic University of Peru

*Stefan Hochrainer-Stigler*

- Member of Board of Directors of the Integrated Disaster Risk Management Society
- Member of Board of Directors Global Alliance of Disaster Research Institutes
- Natural Environment Research Council, UK, Research Grants Reviewer
- Axa research fund, France, Postdoc Research Grant Reviewer
- Dutch Technology Foundation, Netherlands, Research Fund Application Reviewer
- Science for Humanitarian Emergencies and Resilience, UK, Research Fund Application Reviewer
- German Research Foundation, Germany, Project reviewer

*Mia Landauer*

- Member of scientific advisory committee, Future of Winter Tourism (April 2017), University of Lapland, Rovaniemi, Finland

*JoAnne Linnerooth-Bayer*

- Steering Committee member of the Austrian Climate Research Programme
- Munich Climate Insurance Initiative Board
- Climate Risk Adaptation and Insurance Executive Board

*Reinhard Mechler*

- Scientific Advisory Board, Basque Centre for Climate Change
- Management Board, Climate Change Centre Austria
- Coleader, Loss and Damage Network

*Thomas Schinko*

- Coleader, Loss and Damage Network

*Michael Thompson*

- Member of the Enterprise Risk Management Thought Leadership Committee, UK Institute and Faculty of Actuaries, London

**Program committees**

*Love Ekenberg*

- Florida Artificial Intelligence Research Society Uncertainty Track
- Florida Artificial Intelligence Research Society
- SOMET
- International Conference on Artificial Intelligence -Africa

- AIMS 2016
- 8<sup>th</sup> Institute of Electrical and Electronics Engineers International Conference on Intelligent Systems, 2016
- Publication cochair of 29<sup>th</sup> International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems, 2016

*Reinhard Mechler*

- Adaption Futures 2016 (convener), Rotterdam

**Editorships**

*Love Ekenberg*

- Special edition (2016) of *Journal of Mathematical Problems in Engineering*, Editorial Board
- *EURO Journal on Decision Processes*, Editorial Board
- *The International Journal on Advances in ICT for Emerging Regions*, Associate Editor
- *Learning for Design*, Review Committee
- *The International Journal of Public Information Systems*, Associate Editor
- *The Journal of Risk Research*, Editorial Board

*Adam French*

- *Journal of Glaciers and Mountain Ecosystems (Revista de Glaciares y Ecosistemas de Montaña)* of Peru's National Institute for Research on Glaciers and Mountain Ecosystems, Editorial Board

*Stefan Hochrainer-Stigler*

- *Integrated Disaster Risk Management Journal*, Editor
- *International Journal of Climate Change Strategies and Management*, Area Editor
- Head of the *Integrated Disaster Risk Management Society Newsletter*

*Nadejda Komendantova*

- *Anti-Corruption Research Quarterly*, Associate Editor
- *International Relations and Diplomacy Journal*, Associate Editor

*JoAnne Linnerooth-Bayer*

- *Journal of Risk Research*, Associate Editor
- *Risk analysis*, Associate Editor
- *Integrated Disaster Risk Management*, Editorial Board
- *Economics of Disasters and Climate Change*, Editorial Board

*Reinhard Mechler*

- *Climate Risk Assessment*, Editorial Board
- *Mitigation and Adaptation Strategies for Climate Change*, Editorial Board
- *Planet@Risk*
- *Integrated Disaster Risk Management*, Editor
- *Climate Risks Management, Policy and Governance*, Book Series Editor
- *Economics of Disasters and Climate Change*, Editorial Board

*Junko Mochizuki*

- *Climate Policy*, Book Reviews Editor

*Georg Pflug*

- *Computational Optimization and Applications*, Associate Editor
- *Computational Management Science*, Associate Editor
- *Central European Journal of Operations Research, Austrian Journal of Statistics*, Associate Editor
- *Energy Systems: Optimization, Modeling, Simulation and Economic Aspects*, Associate Editor
- *Operations Research*, Associate Editor
- *Journal of Stochastic Analysis, Financial Mathematics and Applications*, Associate Editor

*Michael Thompson*

- *Journal of the Veolia Environment Foundation*, Editorial Board