

## Scientific Recognition: Risk, Policy and Vulnerability

### Awards

#### *Flood Resilience Alliance*

- Special Climate Prize, Convergences World Forum. In recognition of the collaboration model between humanitarian, academic, and private sectors, and for its approach to addressing flood resilience

#### *Thomas Schinko*

- Best Thesis in the Academic Year 2014/15 at the Institute of Economics, University of Graz, Austria

### Invited lectures and panel discussions (selected)

#### *Love Ekenberg*

- Efficiency in Capacity Building. International Research and Innovations Dissemination Conference, Kampala, Uganda, April 2015 (keynote speaker)
- Meaningful Procurement Processes – A Decision Theoretical Approach. Institute of Electrical and Electronics Engineers International Conference on System Science and Engineering, Iwate Prefectural University, Iwate, Japan, 6-8 July 2015 (keynote speaker)
- Participatory Democracy. Saints Cyril and Methodius University of Skopje, Skopje, Macedonia, September 2015

#### *Susanne Hanger*

- Designing national flood insurance systems: the equity-efficiency trade-off. European Climate Change Adaptation Conference, Bella Center, Copenhagen, Denmark, 12-14 May 2015
- Public Acceptance of Renewable and Nuclear Energy in Jordan. Managing the Transition to Renewable Energy – Towards a New Energy Paradigm, Oikos Young Scholar Energy Academy, Tel Aviv, Israel, 7-11 June 2015

#### *Stefan Hochrainer-Stigler*

- Risk Layering Framework for Managing Risks. 7th International Conference of Seismology and Earthquake Engineering, Tehran, Iran, 17-21 May 2015
- Panel Chair, Modelling and Management of Multi-Risks, Integrated Disaster Risk Management/Technology Information, Forecasting and Assessment Council Conference, New Delhi, India, 28-20 October 2015

#### *Adriana Keating*

- Developing a Community-Based Flood Resilience Measurement Standard. European Geosciences Union General Assembly 2015, Austria Centre, Vienna, Austria, 15 April 2015

#### *Nadejda Komendantova*

- Governance in Transition: Addressing Corruption Risks. Workshop organized by Transparency International at the University of Cologne. Cologne, April 2015
- Expansion of Solar Electricity in the Middle East and North African Region: Addressing Risk Perceptions and Stakeholders Views. International Expert Workshop on Low-Carbon technology transitions: The role of renewable electricity imports. Vienna, Haus der Forschung, 12 June 2015
- Willingness to Use Solar Energy in the Middle East and North African Region. 2nd International Conference and Exhibition on Solar Energy, Tehran, Iran, 30-31 August 2015
- Impacts of Financial De-risking Strategy on Costs of Electricity. Enlargement and Integration Action: The European Commission Joint Research Council & the Energy Community Secretariat. Joint Workshop on Energy Scenarios for South Eastern Europe. Energy Community Secretariat, 15 December 2015

#### *Mia Landauer*

- Interrelationships between Adaptation and Mitigation and Urban Climate Governance. Invited lecture as part of the course "Urban Environmental Management and Climate Change" at Erasmus University in Rotterdam, the Netherlands, 20 February 2015
- Exploring the Interrelationships between Adaptation and Mitigation Strategies in Urban Areas: The Urban Climate Change Research Network Assessment Report on Climate Change and Cities. European Climate Change Adaptation conference, Bella Center, Copenhagen, May 2015

- The influence of socio-cognitive and cultural factors in the implementation of the Copenhagen adaptation and mitigation strategies. Session: Understanding and supporting adaptation decision-making in Nordic built environments: results from NORD-STAR. European Climate Change Adaptation conference, Bella Center, Copenhagen, May 2015
- Indigenous Peoples and Changing Arctic. On behalf of Magdalena A. K. Muir, Arctic Institute of North America & Sandra Cassotta, Department of Law, Aarhus University, Denmark. Climate Change & Societies' Adaptive Capacity in the Arctic In a Multi-Level and Interdisciplinary Perspective. European Climate Change Adaptation conference, Bella Center, Copenhagen, May 2015

*Anna Lorant*

- The European Solidarity Fund: its past performance and recent reforms. European Climate Change Adaptation Conference, Bella Center, Copenhagen, Denmark, 12-14 May 2015

*JoAnne Linnerooth-Bayer*

- Responses to Climate Change: Challenges, Risks and Ways Forward. Panel Discussion, Inaugural Event: Ushering in a New Era of Sustainability, Institute for Ecological Economics, Vienna University of Economics and Business, Vienna, Austria, 13 October 2015

*Wei Liu*

- Navigating Social-Ecological Systems Using Social Simulation and Gaming Approaches. State Key Laboratory of Earth Surface Processes and Resource Ecology, Beijing Normal University, Beijing, China, 9 January 2015
- Landscape as An Emergence of Social-Ecological Interactions Department of Landscape Architecture, Tsinghua University, Beijing, China, 8 January 2015
- Natural Capital and China's Green Development Forum, Cheung Kong Graduate School of Business, Beijing, China, 12 January 2015 (panel speaker)
- Governance of Trans-boundary Protected Areas. Xishuangbanna Tropical Botanical Garden, Chinese Academy of Sciences, 5-8 March 2015

*Reinhard Mechler*

- Towards more holistic decision-making on disaster risk reduction. Working session "Economic Approach to Public Investment and Financing Strategy," Third UN World Conference on Disaster Risk Reduction, Sendai, Japan, 16 March 2015
- Towards Climate Risk Management: Opportunities for Linking DRR and Climate Research. Second Global Summit of Research Institutes for Disaster Risk Reduction: Development of a Research Road Map for the Next Decade, 19 March 2015
- A Risk Perspective on Climate Change. 45th Foreign Policy Talk, Foreign Policy and United Nations Association of Austria, Herenstein Castle, Lower Austria, 16 October 2015
- Managing Extreme Event and Climate-Related Risks, Joint IIASA- Centro de Investigación y Docencia Económicas Workshop, Aguascalientes, Mexico, 31 October 2015
- Providing Actionable Information for Managing Climate Resilience, Roundtable, Development & Climate Days, COP 21, Paris, 6 December 2015

*Piotr Magnuszewski*

- Forest@Risk Workshop, Dublin City University Business School, Dublin, 21-22 April 2015
- Summer Institute on Bounded Rationality, "Using social and ecological rationality to better collaborate towards sustainability" Session, Max Planck Institute for Human Development, 5-6 June 2015
- Alpbach Political Symposium, "Games Politicians should Play" Session, 30 August – 1 September 2015
- World Science Forum, Side Event on Knowledge brokering for a better use of scientific information in policy making, 4 November 2015

*Junko Mochizuki*

- Toward Risk-Sensitive Investment and Financing Strategy for DRR. Public Forum Side Event. Third UN World Conference on Disaster Risk Reduction, Sendai, Japan, 15 March 2015
- On SDG and Sendai Indicators, Scientific Elements of the Sendai Framework and Their Implementation Royal Society, London, UK, 24-25 June 2015
- Public-Academia-NGO Partnership to Understand Risk and Resilience (delivered jointly with Reinhard Mechler). Invited Lecture Series. Resilience Development Initiative, Bandung, Indonesia, 7 August 2015
- From Risk Information to Policy Options-Understanding Scales, Contexts and Perspectives to Inform Global and Local Options for Disaster Risk Management. 1st International Symposium on Flash Floods, Kyoto, Japan, 14-15 October 2015
- Panel Chair, Challenges and Opportunities of Humanitarian Relief and Logistics Coordination, Integrated Disaster Risk Management/Technology Information, Forecasting and Assessment Council Conference, New Delhi, India, 28-20 October 2015

*Georg Pflug*

- Construction of Scenario Trees Based on the Multistage Empirical Process. Stochastic Models, Statistics and their Applications (SMSA) Workshop, Wroclaw, Poland, 2 February 2015
- Huge Dimensional Copula Models: Estimation of a Europe-wide Loss Distribution for Flood Losses. Stochastic Models and Control Workshop, 2015, Kaiserslautern, Austria, 16 March 2015
- Risk Based Pricing of Energy contracts: the Comparison Principle. EURO Winterschool, Kvitfjell, Norway, 26 March 2015
- Time Consistent and Information Monotone Risk Functionals. 7th Rutgers-Stevens Workshop on Optimization of Stochastic Systems, Rutgers University, New Brunswick, USA, 1 May 2015
- Stochastic Optimization: How to Overcome the Curse of Dimensionality? Computational Management Science 2015, Prague, Czech Republic, 27 May 2015

*Sebastian Poledna*

- Elimination of Systemic Risk in Financial Networks by Means of a Systemic Risk. Organisation for Economic Co-operation and Development workshop: Complexity of the Economy, Research and Policy Implications: Transaction Tax. Paris, France, 26-27 October 2015
- Systemic Risk Research at IIASA. Nordic Systems Analysis Workshop, IIASA, Laxenburg, Austria, 10 November 2015

*Thomas Schinko*

- Climate Finance at Scale: Emerging Opportunities? Our Common Future Under Climate Change Conference 2015, Paris, France, 7-10 July 2015
- Iterative disaster risk management as early adaptation: Insights from Austria. 16th Austrian climate day (Klimatag), Vienna University of Economics and Business, Vienna, Austria, 28-30 April 2015

*Anna Timonina*

- Accuracy and Computational Efficiency in Multi-Stage Stochastic Optimization. 17th British-French-German Conference on Optimisation, Imperial College London, London, UK, 15-17 June 2015

*Michael Thompson*

- Not So Much the Water as What's in It: Engineering Anthropology for Beginners. Overheating Project Workshop, Department of Anthropology, University of Oslo, Norway, 14-15 September 2015
- 40th Anniversary of the First Ascent of Everest South-West Face. Public lecture, Sheldonian Theatre, Oxford, UK, 23 September 2015
- 40th Anniversary of the First Ascent of Everest South-West Face. Public lecture, Royal Geographical Society, London, UK, 24 September 2015

*Keith Williges*

- Assessing the Adaptive Capacity and Vulnerability of the European Agricultural Sector to Droughts under 2°C of Global Warming. European Climate Change Adaptation Conference, Bella Center, Copenhagen, Denmark, 12-14 May 2015

**(Co)Organized Events**

- IDRIM 2015: Sixth Annual Conference of the International Society for Integrated Disaster Risk Management, Delhi, India, 28-30 October 2015

*Reinhard Mechler*

- Flood Resilience Workshop, IIASA, Austria, 14-16 January 2015
- Loss and Damage Workshop, IIASA, Austria, 17 November 2015

*Adriana Keating and Reinhard Mechler*

- Flood resilience measurement expert review workshop, Rugby, UK, 29-30 June 2015

*Ziga Malek*

- Alliance to Re-Industrialize for a Sustainable Economy Scenario Workshop, Lienz, Austria, 28 January 2015

*Mia Landauer*

- Arctic Futures Initiative - Advisory Board Meeting Austria, IIASA, 18-19 March 2015
- Nordic Centre of Excellence (NORD-STAR) Stakeholder workshop: European Climate Change Adaptation conference, Bella Center, Copenhagen, May 2015
- Arctic Futures Initiative – Extended Core Group Meeting with IIASA Experts 8-9 June 2015
- Arctic Futures Initiative – Second Extended Core Group Meeting with IIASA Experts 10-11 September 2015

- Workshop on development of the Arctic Futures Initiative, IIASA, 1-3 December 2015

*Thomas Schinko*

- Disaster Risk Management as Early Adaptation? Expert and Stakeholder Workshop in the Public Adaptation Costs: Investigating the National Adaptation Strategy in Austria Project. Environmental Agency Austria, Vienna, Austria, 29 June 2015

*Anna Lorant and Stefan Hochrainer-Stigler*

- Financing natural disaster losses in the European Union – the Role of Insurance and the European Solidarity Fund, Brussels, Belgium, 6 October 2015

*Susanne Hanger*

- Zwischen Kompensation und Versicherung? Alternativen zur Deckung Privater NatKat Schaeden im Kontext Sozio-oekonomischer und Klimatischer Herausforderungen, Vienna, Austria, 20 November 2015

*Georg Pflug*

- OR2015 (Optimal Decisions and Big Data) conference, University of Vienna, Vienna, Austria, 1-4 September 2015
- Risk Management in Very High Dimensions Workshop, University of Vienna, Vienna, Austria, 8-9 December 2015

*Wei Liu*

- Social Simulation Game workshop Series in China (January, Beijing Normal University, Beijing; May and July, Sichuan University, Chengdu; May, August, and November, Peking University, Beijing; May, Tsinghua University, Beijing)

## Advisory Boards

*Love Ekenberg*

- Academy of Finland Research Council, SRC 15-TECH-SCI panel, Strategic Research Funding
- The Research Grants Council of Hong Kong

*Adam French*

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

*JoAnne Linnerooth-Bayer*

- Steering Committee of the Austrian Climate Research Programme
- Munich Climate Insurance Initiative Board
- The Climate Risk Adaptation and Insurance Project Board
- Integrated Disaster Risk Management, Board of the annual conference
- alpS-Centre Advisory Board (invited)

*Reinhard Mechler*

- Member of the International Scientific Advisory Board, Basque Centre for Climate Change (BC3), Bilbao, Spain

*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 (FLAIRS) Uncertainty Track
- FLAIRS 2015
- Conference on Intelligent Software Methodologies, Tools and Techniques, SOMET 2015
- International Symposium on Imprecise Probability: Theories and Applications, 2015
- IST-Africa 2015
- MCO: Modelling, Computation and Optimization in Information Systems and Management Sciences 2015
- International Conference on Social Science and Economics
- Institute of Electrical and Electronics Engineers International Conference on System Science and, Engineering 2015
- International Conference on Advances in ICT for Emerging Regions 2015

## Editorships

### *Love Ekenberg*

- Special edition of *International Journal of Public Information Systems*, The non-government and voluntary sector, ICT, and democracy, Vol 11, No 1, Editorial Board
- Special edition 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
- *Designs for Learning Journal*, Review Committee
- The *International Journal of Public Information Systems*, Associate Editor
- *The Journal of Risk Research*, Editorial Board

### *Stefan Hochrainer-Stigler*

- *Integrated Disaster Risk Management (IDRiM) Journal*, Editor
- *International Journal of Climate Change Strategies and Management*, Area Editor
- Member of Board of Directors of the Integrated Disaster Risk Management Society
- Member of Board of Directors Global Alliance of Disaster Research Institutes (GADRI)
- Head of the Integrated Disaster Risk Management Society Newsletter
- Election Committee member of the IDRiM Board of Directors

### *Nadejda Komendantova*

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

### *Linnerooth-Bayer, JoAnne*

- *Journal of Risk Research*, Associate Editor
- *Risk Analysis*, Associate Editor
- *Integrated Disaster Risk Management*, 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

### *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*

- *SAPIENS* (Journal of the Veolia Environment Foundation, Paris), Editorial Board