

Scientific Recognition: Risk, Policy, and Vulnerability

Awards

Anna Timonina

- Best Student Paper Prize (2013). Multi-stage Stochastic Optimization with Application to Natural Hazard Risk Management: the Distance Between Stochastic Scenario Processes. 10th International Conference on Computational Management Science, 1-3 May 2013, HEC Montréal, Canada.

Invited lectures

Reinhard Mechler

- Financing Disaster Risk Management in Asia and the Pacific: Experiences and Innovations, Meeting "Disaster Risk Management in Asia and the Pacific," 20 February 2012, Asian Development Bank Institute, Tokyo, Japan.
- Ecological macroeconomics: an application to climate change, Conference "Modelling Growth and Socio-ecological Transition," 13 March 2013, WIFO, Vienna, Austria.
- The IPCC 5th Assessment Report, Working Group II: Towards the Summary for Policymakers and Technical Summary, German IPCC briefing to policymakers, 9 April 2013, Bonn, Germany.
- Managing disaster risk. Invited Press Conference from the European Geosciences Union General Assembly, 10 April, 2013, Vienna, Austria.
- Klimawandel und Extremereignisse. 7 May 2013 Press Conference at Hagelversicherung, Austria on Building resilience and social cohesion in disaster risk management and climate adaptation.
- 3rd Viennese Talks on Resilience Research & Networks, When Networks fall apart - Managing Cohesion in a World under Stress, 21 June 2013, Vienna, Austria.
- Global Disaster Assessment Report 2013, EC DECVO-UNISDR launch of the Global Assessment Report 2013, 4 July 2013, Brussels, Belgium.
- Economics of disaster risk management and climate adaptation and economic instruments Risk Management by Insurance and Adaptation to Climate Change. Insights from the IPCC process and beyond. Belpasso International Summer School on Environmental and Resource Economics, 2 September 2013, Belpasso, Italy.
- Risk Management by Insurance and Adaptation to Climate Change. Insights from the IPCC process and beyond. Keynote to the 32nd Congress of the International Association of Agricultural Production Insurers, 30 September 2013.

Armon Rezai

- The Political Economy of Environmental Policy with Overlapping Generations. February 1, 2013. EWI University of Cologne, Germany.
- Abandoning Fossil Fuel: How Fast and How Much? November 25, 2013, Tinbergen Institute, Amsterdam, The Netherlands.

Georg Pflug

- Scenario tree generation from simulations. Workshop Scenario Generation for Financial Optimization, Bolzano, Italy.
- Time consistency in dynamic Stochastic Optimization, Imperial College London, UK.
- Time consistency in dynamic Stochastic Optimization, IMPA, Rio de Janeiro, Brazil.
- Measure-valued derivatives in simulation-optimization. Workshop Simulation-Optimization, Valparaiso, Chile.
- Approximation of multistage stochastic programs, HEC Montreal, Canada.
- Time consistency in stochastic optimization, Bonn, Germany.
- Stochastic bi-level programs: Models and structures, EUROPT, Florence, Italy.
- Tutorial on scenario generation, University of Bergamo, Italy.
- Decision dependent probabilities and the response surface method, University of Bergamo, Italy.

Stefan Hochrainer-Stigler

- Modelling Multi-Risk and Risk Management. Invited Press Conference from the European Geosciences Union General Assembly, 07-12 April, 2013, Vienna, Austria. <http://streams.h82.eu/EGU2013/index.php?modid=18&a=show&pid=214>.

Toyasaki Fuminori

- Strategic decision-making about fundraising: comparison of competitive and joint fundraising (with T. Wakolbinger), INFORMS Annual Meeting, 6 October 2013, Minneapolis, USA.

- Reverse logistics strategies for modular products: an integrated view, (with T. Nowak, T. Wakolbinger), INFORMS Annual Meeting, 7 October 2013, Minneapolis USA.

Wei Liu

- Using Sustainable Livelihood Approach to Enhance Poverty Reduction and Nature Conservation in Ecologically Fragile Regions of China. 23 April 2013. Cheung Kong School of Business, Beijing, China.
- On China's National Park System (Invited). Wolong National Nature Reserve Administration Bureau, 9 December 2013, Dujiangyan, Sichuan, China.

Nadejda Komendantova

- Decision support for mitigation and adaptation in a multi-hazard environment. Invited talk to present MATRIX project results. December 2013. Instituto Superior de Agronomia. Lisbon, Portugal.
- Barriers and risks for deployment of renewable energy sources. Invited talk by invitation from Rashid Meredov, Deputy Chairman of the Cabinet of Ministers, Minister of Foreign Affairs of Turkmenistan and Leonid Kozhara, OSCE Chairperson-in-Office, Minister of Foreign Affairs of Ukraine, High level international conference on "Energy Security and Sustainability – the OSCE Perspective," October 2013. Ashgabat, Turkmenistan.
- Generic Multi-Risk Model as a Decision-Support Tool for Mitigation of Multiple Hazards and Risks. October 2013. Directorate Seminar, IIASA.
- Stakeholders perceptions of the multi-risk decision support tool. Invited Talk for the 3rd Annual Matrix Meeting (with F. Wenzel) September 2013. Potsdam, Germany.
- Decision support for mitigation and adaptation in a multi-hazard environment. Work package presentation for the 3rd Annual Matrix Meeting, (with A. Patt, A. Scolobig). September 2013. Potsdam, Germany.
- Are the European natural hazard governance systems ready for multi-risk mitigation and management? RGS – IBG (Royal Geographic Society) Annual International Conference. Session on risk and responsibility sharing. (with A Scolobig, C. Vinchon) August 2013. London, UK
- Financing of Sustainable Development Infrastructure under Economic Crisis. Presentation in frames of YSSP seminar "Conducting systems science in the current economic conditions." July 2013. IIASA, Laxenburg, Austria.
- Managing disaster risks. Press conference. EGU, (with Mechler, R., Hochreiner-Stiegler, S.) April 2013. Vienna, Austria.
- Lecture "A career as researcher at the International Institute for Applied Systems Analysis and necessary prerequisites". January 2013. Diplomatic Academy of Vienna, Austria.
- Invited expert. Austrian-Uzbek Commission for Bilateral Economic Relations. Ministry of Economy and Labor, October 2013. Vienna, Austria.
- Invited expert. Austrian-Kazakh Commission for Bilateral Economic Relations. Ministry of Economy and Labor, October 2013. Vienna, Austria.
- Invited expert. Austrian-Turkmen Commission for Bilateral Economic Relations. Ministry of Economy and Labor, October 2013. Vienna, Austria.

Johan Lilliestam

- The German Energiewende: 50 shades of green – why renewables are not simply renewables. August 2013. Heinrich Böll Foundation, Berlin, Germany.
- Fellowship programme for young government officials from the Western Balkans: Renewable electricity: visions, problems, techno-fixes and ideology. April 2013. European fund for the Balkans, Potsdam, Germany.
- CIEMAT industry dialogue meeting: Areas of concern for the implementation of renewable electricity imports. February 2013. CIEMAT, Madrid, Spain.

Anthony Patt

- Lecture: "The human element of hazard early warning systems." November 2013. Institute for Aceh and Indian Ocean Studies, Banda Aceh, Indonesia,
- Lecture: "The human element of hazard early warning systems." November 2013. Earth Observatory of Singapore Lecture Series, Nanyang Technological University, Singapore.
- Lecture: "Climate adaptation." September 2013. Swiss Energy and Climate Summit, Bern, Switzerland.
- Lecture: "How to write a research article in a day." June 2013. International Institute for Applied Systems Analysis, Young Scientists Summer Program, Laxenburg, Austria.
- Keynote lecture: "Uncertainty and the limits of science' value to policy." May 2013. PhD symposium, Potsdam Institute for Climate Impact Research, Potsdam, Germany.
- Intergovernmental Panel on Climate Change Fifth Assessment Report, Working Group III, Lead Author for Chapter 2 (on risks and uncertainties in climate policy), Technical Summary, and Summary for Policy-Makers.

Advisory boards

Three RPV staff act as lead authors on IPCC's 5th Assessment Report:

- Reinhard Mechler: Working group II
- Joanne Linnerooth-Bayer and Tony Patt: Working Group III
- Linnerooth-Bayer, J. was on the Committee of Visitors (COV) for the Division of Social and Economic Sciences at the US National Science Foundation's Decision Risk and Management sciences program, 3-5 June 2013.

Editorships

Toyasaki, F.

- *Management Science, Production and Operations Management.*

Komendantova, N.

- Associated editor of the *Anti-Corruption Research Quarterly* issued by Transparency International.
- Associated editor of the *International Relations and Diplomacy journal.*

Hochrainer-Stigler, S.

- *Integrated Disaster Risk Management (IDRiM) Journal.*

Sendzimir, J.

- *Ecology and Society*, Subject Editor

Patt, A.

- *Global Environmental Change*, Editorial Board;
- *Regional Environmental Change*, Co-Editor;
- *Climate and Development*, Co-Editor;
- *Intergovernmental Panel on Climate Change Fifth Assessment Report*, Working Group II, Review Editor for Chapter 14 (on adaptation needs and options).

Linnerooth-Bayer, J.

- *Journal of Risk Research*, Associate Editor;
- *Risk Analysis*, Associate Editor;
- *Journal of Natural Resources Policy Research*, Editorial Board;
- *Integrated Disaster Risk Management*, Editorial Board

Pflug, G.Ch.

- *Computational Management Science*, Associate Editor;
- Editor-in Chief of *Statistics and Risk Modeling* and Associate Editor of the following journals: *Computational Optimization and Applications*, *Computational Management Science*, *Central European Journal of OR*, *Austrian Journal of Statistics*, *Energy Systems: Optimization, Modeling, Simulation and Economic Aspects*, *Operations Research*, *Journal of Stochastic Analysis*, *Financial Mathematics and Applications*.
- Member of the central research committee of the University of Bozen.

Mechler, R.

- *Climate Risk Assessment*, Editorial Board
- *Mitigation and Adaptation Strategies for Climate Change*, Editorial Board;
- *@Risk*;
- *Integrated Disaster Risk Management*, Editor.

Mochizuki, J.

- *Climate Policy Journal*