

## Workshop on Resilience and Disruptive Changes

**22–23 September 2022**

IIASA hosting in Laxenburg Austria – Raiffa Room

Final – 21.9.2022

Day 1	Thursday, 22 September
13:00-13:30	Welcome (sandwiches will be provided)
13:30-14:10	<b>Amos Zemel</b> Resource management under catastrophic threats: An overview
14:10-14:50	<b>Michael Kuhn</b> Resilience: a decision-theoretical approach
14:50-15:30 (Remote)	<b>Eric Naevdal</b> Exogenous hazard rates and the precautionary principle with an application to fisheries
15:30-15:50	Coffee Break
15:50-16:30 (Remote)	<b>Willi Semmler</b> Endogenous economic resilience, loss of resilience, persistent Cycles, multiple Attractors, and disruptive declines
16:30-17:10	<b>Florian Wagener</b> The tipping game
17:10-17:20	Coffee Break
17:20-18:00	<b>Stefan Wrzaczek</b> The value of information in optimal control models with regime changes
18:00-18:40	<b>Michael Freiberger</b> Modelling behavioral drivers of disaster risks
18:45-19:00	Transport to Dinner in Gumpoldskirchen (Thallern Klostergasthaus)
ca 21:30	Transport to Vienna Hauptbahnhof

<b>Day 2</b>	<b>Friday, 23 September</b>
08:05	Bus Hauptbahnhof to Laxenburg (Franz-Josef Platz stop)
09:00-09:40	<b>Dieter Grass</b> Numerical Continuation in Optimization Problems
09:40-10:20 (Remote)	<b>Maddalena Muttoni</b> A continuous-time DICE model with a climate tipping point
10:20-10:40	Coffee Break
10:40-11:20	<b>Asjad Naqvi</b> Analyzing disaster recovery policies for low-income countries in a 3-Gap framework
11:20-12:00 (Remote)	<b>Tapio Palokangas</b> Optimal International Policy with R&D-Based Growth and the Risk of Environmental Disaster)
12:00-13:30	Tray Lunch at Schloss Restaurant – Reserved Green Coffee Room
13:30-14:10 (Remote)	<b>Yacov Tsur</b> Water allocation policies in increasingly erratic environments
14:10-14:50	<b>Thorsten Upmann</b> Differential Game of Renewable Resources with Sliding Modes and Hybrid Limit Cycles
14:50-15:10	Coffee Break
15:10-15:50 (Remote)	<b>Doan Thi Thanh Thuy</b> Effects of Temperature on the Allocation of Time
15:50-16:30	<b>Muneta Yokomatsu</b> Developing a growth model of natural hazard and distribution with a focus on a borrowing constraint
16:30-16:40	Closing Words, meeting ends