

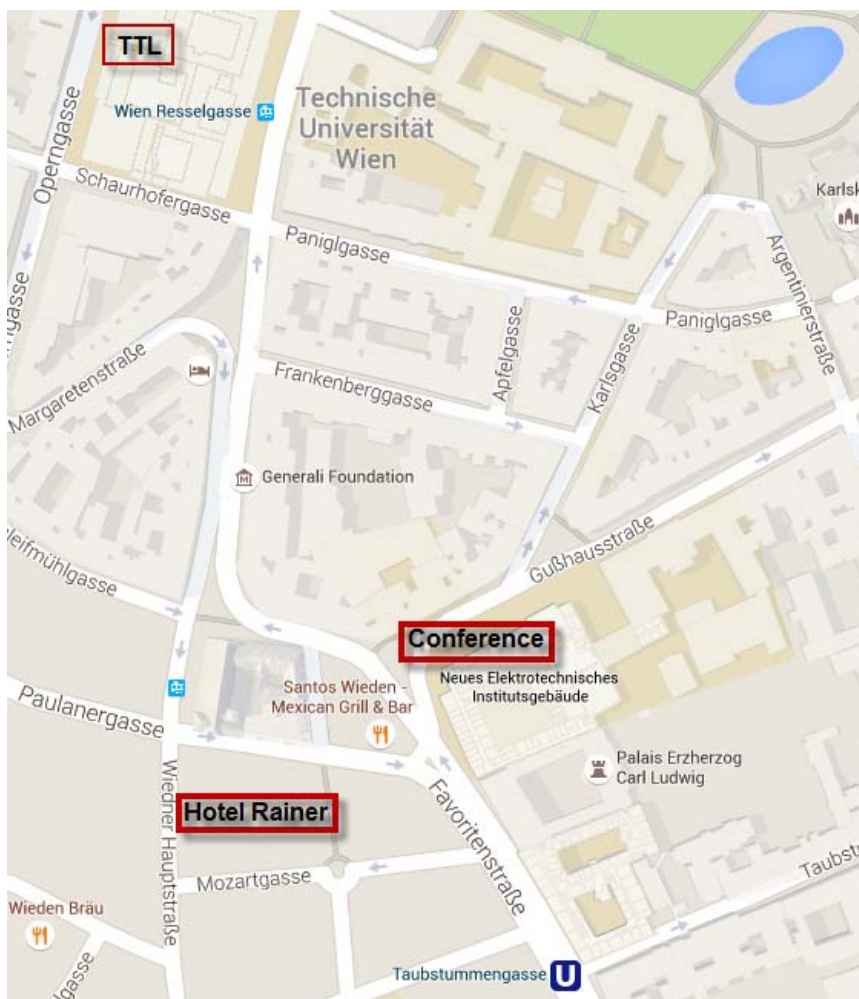


Co-sponsored by the OECD Co-operative Research Programme: Biological Resource Management for Sustainable Agricultural Systems (CRP)



Vulnerability of Agricultural Production Networks and Global Food Value Chains due to Natural Disasters

Vienna, June 20th to 24th, 2016



TTL Office Location

Operngasse 11/4 is the location where TTL found a home 11 years ago at the Department for Urban Planning and Landscape Architecture. Needed only in special cases.

Venue of the Conference

The conference will take place at the Vienna University of Technology - TU Wien, Elektrotechnik-Institutsgebäude (Main entrance, to the right, CA, seminar room 0138, 1st floor, located at Gusshausstrasse 25-29, A-1040 Vienna/Austria.

Departure Conference

Excursion on Wednesday, June 22nd, 8:20

Hotel Erzherzog Rainer, Wiedner Hauptstraße 27-29, 1040 Wien

Conference programme June 20th to 24th, 2016, Vienna Austria
Final June 2016

Programme rationale

The agenda is considered to start broadly and then narrow the focus to specific agricultural production networks and food value chains. The challenge is to combine outstanding scientists from three groups: economics, natural resource management and risk research. At the same time we support the uptake of research into policy and decision making.

The conference is scheduled for 3.5 days not including the arrival day. Two days, June 21st and June 23rd are reserved for four conference sessions; June 22nd is reserved for an excursion to experience the rural landscape in relation to the conference topic. The final half day is the wrap up session “The way forward” with the aim to finalize a book presentation on the topic (or a special issue of a journal).

We plan four scientific sessions, two on June 21st, 2016 and two on June 23rd, 2016. The topics of the sessions are: 1) The nexus of agricultural production networks and global food value chains and natural disasters 2) Natural disasters and agricultural production: numbers, models, measures and current policies, 3) Lessons to be learned for agricultural production networks and food value chains 4) Decreasing vulnerability against natural disasters in agricultural production networks and food value chains.

Session 1 gives a broad overview of what is in the topic of the conference. The nexus between agricultural production and natural disasters is in focus. Session 2 depicts the status quo of what information is already available and what measures and policies could be immediately exchanged within OECD countries. Session 3 informs on ways of how to protect agricultural production networks and food value chains by learning from methods in other economic sectors. Session 4 informs on how to decrease vulnerability within agricultural production networks and food value chains to become more robust against the increasing burden of natural disasters. Four of the participants will also be session leaders and help to reach the aims related to their sessions and the overall aims of the conference.

Each session and each presentation consists out of three parts: the presentation of the resource person, a discussion promoted by a discussant/co-discussant and a policy dialogue.

June 22nd 2016, we will visit the “Wachau Cultural Landscape” a UNESCO world heritage site. This outstanding rural landscape will serve as an example to demonstrate the interactions of the different segments of the conference topic. Locals altered the value chain of agricultural products in a remarkable way. While natural disasters are rare, extreme climate events like flooding, drought, frost have a major impact on the economic output. The interconnection between agriculture, forestry, tourism, water and soils resources, land management, Alpine risks and disaster prevention will be exemplified.

June 24th 2016, ends with a 3 h discussions and synthesis session. The aim here is to pull together what we have heard into a joint publication describing a set of principles for engagement that provide benefit to OECD/ERIA and be adopted by the participants amongst their own organizations. This will become the showpiece product from the conference.

Day 1: June 20 th , 2016	
18:30-21:30	Welcome Dinner, “Wiener Wirtschaft” at Hotel Rainer, Wiedner Hauptstr. 27-29

Day 2: June 21 st , 2016	
Welcome and Introductions	
8:30-8:40	<i>Meinhard Breiling, Austria</i> , Host welcome
	Welcome messages
8:40-8:50	Richard Stiles, Head of Department Urban Planning and Landscape Architecture
8:50-9:00	Joint Foto - Conference Participants

	Introduction to OECD and ERIA programs
9:00-9:15	Vangimalla Reddy, <i>United States</i> , USDA-ARS; OECD CRP Scientific Advisory Body member, OECD CRP Mission statement
9:15-9:30	Venkatachalam Anbumozhi, <i>Indonesia</i> , ERIA Mission statement
Session 1	The nexus of agricultural production networks and global food value chains and natural disasters (Chair Vengimalla Reddy)
9:30-9:50	<i>Susan Cutter, USA, "The Perilous Nature of Food Supplies: Natural Hazards, Social Vulnerability, and Disaster Resilience"</i>
9:50-10:00	Discussant: Hyeon T. Kim
10:00-10:20	<i>Sven Fuchs, Austria "Disaster Risks and Vulnerability to Alpine Agricultural Production Networks"</i>
10:20-10:30	Discussant: Eiji Yamaji
10:30-10:50	Coffee Break
Session 1 Continuation	The nexus of agricultural production networks and global food value chains and natural disasters (Chair Susan Cutter)
10:50-11:10	<i>Margreth Keiler, Switzerland "Loss estimations by Natural Disasters in Alpine Food Value Chains"</i>
11:10-11:20	Discussant: Hiroyuki Nakata
11:20-11:40	Julien Hardelin, OECD, "Mitigating droughts and floods in agriculture: policy lessons and approaches"
11:40-11:50	Discussant Pedro Chambel Leitao
11:50-12:10	<i>Stefan Anderberg, Sweden, "Assessing the contribution of organic agriculture to selected rural value chains, poverty reduction and employment creation"</i>
12:10-12:15	Discussant: Venkatachalam Anbumozhi
12:15-12:20	Policy Officer: Hermann Hagspiel
Session 2	Natural disasters and agricultural production: numbers, models, measures and current policies (Chair: Margreth Keiler)
12:20-12:40	<i>Pedro Chambel Leitao, Portugal "Modelling yield, natural resource and monetary losses of flood and drought disasters"</i>
12:40-12:50	Discussant: Christian Renschler, general discussion
12:50-14:00	Lunch Break at Asia Pavillion, restaurant opposite to conference building
14:00-14:20	<i>Luc St-Pierre, United Nations Platform for Space-based Information for Disaster Management and Emergency Response (UN Spider) with Regard to Food Security</i>
14:20-14:30	Discussant V.R.Reddy
14:30-14:50	<i>Minquan Liu, China "Was China's Great Famine Caused by Natural Disasters? Failure of Global Food Supply Chains and lessons to be learned for the future!"</i>
14:50-15:00	Discussant: Meinhard Breiling
15:00-15:20	<i>Franz Sinabell, Austria, "Robustness of Austrian agricultural production networks and food value chains against natural disasters"</i>
15:20-15:25	Discussant Margreth Keiler
15:25-15:30	Policy Officer Hermann Hagspiel
15:30-15:50	Coffee Break
Session 2 Continuation	Natural disasters and agricultural production: numbers, models, measures and current policies (Chair Sven Fuchs)
15:50-16:10	<i>Christian Renschler, United States, "Quantification of impacts of and on soil and water management on community resilience and sustainable development?"</i>
16:10-16:20	Discussant: Sven Fuchs, general discussion
16:20-16:40	<i>Eirik Romstad, Norway "Choice of policy instruments and impacts on land use and the food industry"</i>
16:40-16:50	Discussant: Willem Thorbecke, RIETI, general discussion
16:50-17:00	Summary of the Day – Notes Related to Organization – Briefing on excursion the next day
17:00	Free evening, cultural event

Day 3: June 22 nd , 2016 Excursion to Rural Landscape of Wachau – UNESCO World Heritage	
8:20 – 21:30	Hotel Rainer, A-1040 Wien via Melk and Krems back to Hotel Rainer
8:30-10:30	Bus tour with lectures: “Wiener Wasser – Drinking Water Supply, its relation to agriculture, food value chains and disasters” by Gerhard Kuschnig, Vienna Waterworks https://www.wien.gv.at/wienwasser/ , “Organic farming: altering food value chains and protecting the environment against disaster damage” Eva Erhart http://bioforschung.at/en/
10:30 -12:00	Wachau Beef, A-3392 Schönbühel, Berging 6, “Direct marketing of sophisticated agricultural products” http://www.wachaubeeff.at
12:30 -13:45	Lunch: Fam. Essl Landgasthaus, Rührsdorf/Wachau - www.winzerstueberl.at
13:45-15:00	<i>Erich Polz, Mayor of Rossatz-Arnsdorf Municipality and farmer of Wachau, “Local flood protection plans of Rossatz-Arnsdorf” www.rossatz-arnsdorf.at</i> <i>The local apricot - Wachau “Marille” - Wine production</i> <i>Regional protection of agricultural brands, marketing of products</i>
15:00-16:00	“From flood protection to frost protection: means to counter economic risks by extreme events” Discussion with key stakeholders: Erwin Szlezak, Government of Lower Austria, Soil protection network in the Danube Region www.unserboden.at , and www.sondar.eu , Eva Erhart, Bioforschung Austria, http://bioforschung.at/en/ , Pia Kieninger, resident of Wachau region https://en.wikipedia.org/wiki/Wachau
16:30 –17:45	Mrs. Theresa Harm, “Organic Wine Production – BIOWeingut Schmidl” www.weingut-schmidl.at in Dürnstein “Differences between organic and non organic wine production and increase of value chain due to organic wine production”
18:15-19:45	Stagard - Heuriger in Krems Hintere Fahrstraße 3, A - 3504 Krems/ Stein www.stagard.at
19:45- 21:30	Trip back to Vienna by bus

Day 4: June 23 rd , 2016	
Welcome and Introductions	
8:30-8:45	Wrapping up Session 1 Susan Cutter
8:45-9:00	Wrapping up Session 2 Margreth Keiler
Session 3	Lessons to be learned for agricultural production networks and food value chains (Chair: Eirik Romstad)
9:00-9:20	<i>Hiroyuki Nakata, Great Britain, “The different vulnerabilities of industrial and agricultural products against rare disasters: lessons to be learned from hard disk industry”</i>
9:20-9:30	Discussant: Minquan Liu, general discussion
9:30-9:50	<i>Eiji Yamaji, Japan “The impact of natural disasters on agricultural production networks and their inclusion into rural policies in Japan”</i>
9:50-10:00	Discussant: Laszlo Miklos, general discussion
10:00-10:20	<i>Willem Thorbecke, RIETI, Japan, “Disaster impacts on food trade: lessons from Asia”</i>
10:20-10:25	Discussant: Susan Cutter
10:25-10:30	Policy Officer: Hermann Hagspiel, Austria
10:30-10:50	Coffee Break
Session 3 Continuation	Lessons to be learned for agricultural production networks and food value chains (Chair: Hiroyuki Nakata)
10:50-11:10	<i>Venkatachalam Anbumozhi, ERIA, “Effects of natural disasters to agricultural water management and global food and value chains”</i>
11:10-11:15	Discussant: Ramasamy Selvaraju
11:15-11:20	Policy Officer: Alfred Grant
11:20-11:40	<i>Shandre Thavangelu, Australia “Impact of Thailand’s 2011 Flood on Exports and</i>

	<i>Global Supply Chain Disruptions" presented by Venkatachalam Anbumozhi</i>
11:40-11:50	General Discussion
11:50-12:10	<i>Hyeon T. Kim, with Malinee Phonsuwan, Republic of Korea, "Bio industrial agricultural production networks and robustness against disasters"</i>
12:10-12:20	Discussant: Eirik Romsted, general discussion
12:20-14:00	Lunch Break at Asia Pavillion
Session 4	Decreasing vulnerability against natural disasters in agricultural production networks and food value chains (Chair Stefan Anderberg)
14:00-14:20	<i>Ramasamy Selvaraju, FAO, Climate related natural disasters: the impact on food security and agricultural value chains</i>
14:20-14:30	Discussant: Franz Sinabell, general discussion
14:30-14:50	<i>Ladislav Milkos, Slovakia, "The institutional tools for integrated land management risk awareness in Slovakia"</i>
14:50-15:00	Discussant: Christian Renschler, general discussion
15:00-15:20	<i>Theresa Oedl-Wieser, Austria, "The role of woman in rural food supply chains and disaster preparedness"</i>
15:20-15:30	General discussion
15:30-15:45	Coffee Break
15:45-15:55	Ad hoc input Erwin Szlezak and Alfred Grand, Austria: Soil protection as disaster protection
Session 4 Continuation	Decreasing vulnerability against natural disasters in agricultural production networks and food value chains (Chair: Eiji Yamaji)
15:55-16:15	<i>Pia R. Kieninger, Austria "Place based collective stewardship initiatives for the preservation of agricultural landscapes"</i>
16:15-16:25	General discussion
16:25-16:45	<i>Meinhard Breiling, Austria, "Rural tourism, economic value chains and preparedness to disaster risks"</i>
16:45-16:50	General discussion
16:50-17:00	Summary of the Day
17:00	Free evening, cultural event

Day 5: June 24 th , 2016	
Welcome and Introduction	
8:30-8:45	Wrapping up Session 3 Eirik Romstad
8:45-9:00	Wrapping up Session 4 Stefan Anderberg
Session 5	Vulnerability of Agricultural Production Networks and Global Food Value Chains due to Natural Disasters (Chair Robert McInnes)
9:00-10:00	<i>Policy Recommendations Sessions 1, 2, 3 and 4</i>
10:00-10:30	<i>Publication strategy - Dissemination of results strategy</i>
10:30-10:50	Coffee Break
10:50- 11:25	Continuation publication strategy
11:25- 11:30	Wrapping up Session 5, Robert McInnes
11:30- 11:40	Farewell to participants, Siegfried Huemer, TU Wien, EU project support unit
11:40- 11:45	Closing of the Conference: Meinhard Breiling

ORGANIZERS:

Conference Secretariat:

Local organizer TU Wien

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