

Wednesday, 24 August 2016						
9:00 – 9:10	Welcome and Introduction by YSSP Dean JoAnne Bayer (Wodak Room)					
	WODAK Room			GVISHIANI Room		
Day 1 - Session 1	Science Policy Interface Chair: Anni Reissell			Sustainable Agriculture Chair: Brian Fath		
09:10 – 09:35	Gosia Smieszek	AFI	From science to policy - institutional "diagnostics" of the Arctic Council	Corinthias Pamatang Morgana Sianipar	ASA	Modeling dynamic network with flows for systemic changes in the Indonesian Cocoa Industry
09:35 – 10:00	Osama Ibrahim	ASA	Evaluation of a Systems tool for Prescriptive Policy Analysis	Kemen Austin	ESM	The sustainable palm oil puzzle: comparing land management strategies for minimizing environmental consequences of oil palm expansion in Indonesia
10:00 – 10:25	Stephanie Roe	ESM	Tracking forest impacts in commodity supply chains	Roshan Adhikari	ESM	Assessment of adoption and impacts of irrigation in Ethiopia: An integrated model approach
	10:25 – 10:45 BREAK					
Day 1 - Session 2	SDGs, SSPs, and Paris Chair: Daniel Huppmann			Spatial Modeling Chair: Rupert Mazzucco		
10:45 – 11:10	Frank Sperling	ESM	Towards the Sustainable Development Goals (SDGs): Implications of development and environmental contexts for implementation strategies	Ankita Shukla	POP	Environmental risks and child mortality among districts of India
11:10 – 11:35	Clara Orthofer	ENE	South Africa's energy future: An emerging economy's power system and the UNFCCC Paris Agreement	Pooja Rathore	EEP	Trait-based modeling of forest-biodiversity dynamics in India
11:35 – 12:00	Alexandre Köberle	ENE	Downscaling of shared socioeconomic pathways (SSPs) to Brazil using the MESSAGE modelling framework	Ying Hoo	ESM	A spatial-economic optimization of waste to biogas in Malaysia
	12:00 – 13:30 BREAK					

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Day 1 - Session 3	Land Use Management Models Chair: Yusuke Satoh			Electric Transportation Chair: Arnulf Grübler		
13:30 – 13:55	Yinghao Ji	WAT	Assessing the potential of planting rapeseed in winter fallow fields in the Yangtze River Basin of China	Jiangjiang Zhao	TNT	Calibrating the TNT's agent-based model on the diffusion of environmental friendly products with the case of electric vehicles
13:55 – 14:20	Victor Manabe	ESM	Mapping integrated crop-livestock systems in Brazilian agricultural frontier	Dina Subkhankulova	ASA	Balancing variable supply with flexible demand
14:20 – 14:45	Honglin Zhong	WAT	Balancing crop production and groundwater table recovery by cropping system adaptation in the North China Plain	Maria Xylia	ESM	Exploring charging infrastructure requirements for public transport electrification in Sweden
	14:45 – 15:00 B R E A K					
Day 1 - Session 4	Urban Patterns Chair: Wei Liu			People and Ships in Motion Chair: Jens Borken-Kleefeld		
15:00 – 15:25	Fabian Heidegger	AIR	Traffic emission modelling – analysis for Vienna and surroundings	Wei Qi	POP	On alternative methods to measure bilateral migration: Examples of global intercontinental and China interprovincial migration
15:25 – 15:50	Mingshu Wang	ASA	Effects of spatial urbanization pattern on emissions in the transportation sector	Fuko Nakai	RISK	Evaluation of tsunami evacuation plan: Taking account of the uncertainty around hazards and the adherence of evacuees
15:50 – 16:15	Chibulu Luo	RISK	Diagnosing climate-resilient urban built environments and open spaces using a Social-Ecological System approach – the case of African cities	Cheng Li	AIR	Assessing air pollution controls for ships and machines in China
	16:15 – 16:30 B R E A K					

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Day 1 - Session 5	Crops and Climate Chair: Hugo Valin			Analysis of Network, Data and Communication Chair: Anna Shchiptsova		
16:30 – 16:55	Zhanqing Zhao	ESM	Reduction of NH ₃ emission from agriculture in the Hai River Basin, China	Vera Pfeiffer	EEP	Network analysis of anthropogenic pollinator declines
16:55 – 17:20	Vilma Sandström	ESM	Consumption based GHG emissions accounting of food supply in the EU	Navid Rekabsaz	ASA	Detecting market risk in the financial system by sentiment analysis of textual big data
17:20 – 17:45	Marcus Thomson	ESM	Impact of climate change on ancient Southwestern Native American maize farmers	Anneke Brand	COM	Science communication at IIASA

Thursday, 25 August 2016						
9:00 – 9:10	Welcome and Introduction by YSSP Scientific Coordinator Brian Fath (Wodak Room)					
	WODAK Room			GVISHIANI Room		
Day 2 - Session 1	Fertility, Mobility, and Aging Chair: Warren Sanderson			Atmospheric Emissions Chair: Lena Hoglund Isaksson		
09:10 – 09:35	Rebecca Pike	EEP	Cultural evolution of low fertility at high socio-economic status	Shenghao Xie	ESM	Quantification of carbon storage and emissions in harvested wood products based on EU bioenergy demand scenarios
09:35 – 10:00	Julia Janke	ENE	Passenger transport and cities in India: does energy use vary with patterns of urbanization?	Meng Li	AIR	Evaluation of emission inventories over Asia from bottom-up and top-down perspectives
10:00 – 10:25	Selvamani Yesuvadian	POP	Patterns of aging biomarkers in six low and middle-income countries	Sebastian Maier	RISK	Risk-managing a portfolio of systemic low-carbon urban infrastructure investments using approximate dynamic programming with decision dependent uncertainties
	10:25 – 10:45 B R E A K					
Day 2 - Session 2	Health and Well-being Chair: Daniela Weber			Carbon Stocks and Sequestration Chair: Stephan Pietsch		
10:45 – 11:10	Phillip Cantu	POP	Health and aging trajectories in the US using a latent variable approach	Anu Akujärvi	ESM	Sustainable timber production without risking carbon sinks and productivity: a case study in Europe
11:10 – 11:35	Kejia Hu	RISK	Urban-rural variations in heat health risks— A case study of Hangzhou, China	Sudhanya Banerjee	ESM	Evaluation of biological use and geological sequestration of CO ₂
11:35 – 12:00	Diana Erazo	EEP	Land-use change effects on infectious disease transmission: the case of Chagas disease in Colombia	César Terrer	ESM	Upscaling nitrogen-mycorrhizal effects for the quantification of the land C sink under rising CO ₂
	12:00 – 13:30 B R E A K					

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Day 2 - Session 3	Water Vulnerabilities Chair: Sylvia Tramberend			Water Energy Nexus Chair: Ed Byers		
13:30 – 13:55	Omid Mazdiyasni	WAT	Developing a framework to assess impacts of heatwaves in India in a changing climate	Lu Liu	ENE	Global assessment of exploitable surface reservoir storage under climate change
13:55 – 14:20	Nazli Koseoglu	ASA	Decentralised water pollution trading under uncertainty in Scotland	Eveline Vasquez-Arroyo	ENE	Optimization of the Brazilian energy system expansion under water availability restrictions
14:20 – 14:45	Tonje Grahn	RISK	Assessment of flood damage functions to guide policy choices	Yue Qin	AIR	Air quality-carbon-water nexus: China's natural gas policies
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Day 2 - Session 4	Climate Impacts Chair: Kalle Parvinen			Climate Justice Chair: Matthias Jonas		
15:00 – 15:25	Zakir Dahri	WAT	Adjustment of Systematic Errors in Precipitation Distribution in the High-Altitude Indus Basin	Julia Puaschunder	ASA	Mapping climate justice
15:25 – 15:50	Easton White	EEP	Plasticity and evolution of species in a changing climate	Elisa Calliari	RISK	The politics of (and behind) loss and damage: a climate justice perspective
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