

IW2017 | 11-13 OCT 2017 | PROGRAM



IMPACTS WORLD 2017

DAY 1 | WEDNESDAY, 11 OCT 2017

The logo for IMPACTS WORLD 2017 is a stylized, multi-colored geometric shape, possibly a house or a cluster of triangles, with the text "IMPACTS WORLD 2017" inside it. The colors transition from green at the top to yellow and orange at the bottom.

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I: Opening plenary 9:00am - 10:30am

Chair: **Hermann Lotze-Campen** Room: Kongress-Saal

	Speaker	Title
1	Prof. Dr. Dr. John Schellnhuber <i>Potsdam Institute for Climate Impact Research, Germany</i>	Opening speech
2	Prof. Dr. Antje Boetius <i>Alfred Wegener Institute Helmholtz Center for Polar and Marine Research, Germany</i>	Human impacts on polar and deep seas: Knowing the unknown
3	Prof. Dr. Rainer Sauerborn <i>Heidelberg University, Institute of Public Health and Harvard Chan School of Public Health, Germany</i>	Why care about health impacts, apart from humanitarian reasons?
4	Prof. Dr. Jacqueline McGlade <i>United Nations Office at Nairobi, Kenya</i>	The impacts of childhood malnutrition in the face of climate change
5	Dr. Stephane Hallegatte <i>Global Facility for Disaster Reduction and Recovery (GFDRR) at the World Bank, United States</i>	Climate change impacts as an obstacle to the achievement of development goals

DAY 1 | WEDNESDAY, 11 OCT 2017

**IMPACTS
WORLD
2017**

II: The state of the art in climate-impacts research

11:00am - 12:30am

Chair: **Katja Frieler** Room: Kongress-Saal

	Speaker	Title
1	Prof. Dr. Rupert Seidl <i>University of Natural Resources and Life Sciences (BOKU) Vienna, Austria</i>	Climate impacts on forests: The good, the bad and the ugly
2	Dr. William Cheung <i>Nippon Foundation Nereus Program, The University of British Columbia, Canada</i>	Future sustainability of seafood production under climate change
3	Prof. Dr. Reimund P. Rötter <i>University of Göttingen, Department of Crop Sciences, Tropical Plant Production and Agricultural Systems Modelling (TROPAGS), Germany</i>	State of the art in crop modelling for climate-impact research
4	Dr. Carl-Friedrich Schleussner <i>Climate Analytics, Germany</i>	Half a degree matters - climate impacts at 1.5°C and 2°C
5	Prof. Dr. David Bresch <i>ETH Zürich, Switzerland</i>	Open-source economics of climate adaptation - learnings and challenges from case studies worldwide

DAY 1 | WEDNESDAY, 11 OCT 2017

**IMPACTS
WORLD
2017**

III: Counting the economic costs of climate change

2:00pm-3:30pm

Chair: **Anselm Schultes**, Co-chairs: Tobias Geiger and Sven Willner

Room: Kongress-Saal

	Speaker	Title
1	Prof. Dr. Ilan Noy <i>Victoria University of Wellington, New Zealand</i>	The Unobserved Economic Consequences of Extreme Weather
2	Dr. Shardul Agrawala <i>OECD Environment Directorate, France</i>	Quantifying the direct and indirect economic consequences of climate change
3	Dr. David Anthoff <i>University of California, Berkeley, United States</i>	The next generation of Social Cost of Carbon estimates
4	Dr. Greg Holland <i>University Corporation for Atmospheric Research (UCAR), United States</i>	Tools in Support of Planning for, and Responding to Weather and Climate Extremes

DAY 1 | WEDNESDAY, 11 OCT 2017

**IMPACTS
WORLD
2017**

Workshops on economic costs 4:00pm - 5:30pm

Room: Workshop rooms

Workshop	Room	Host	Title
C1	215	Ilan Noy <i>Victoria University of Wellington, New Zealand</i>	Costs of CC and the Loss & Damage Mechanism
	<i>Speakers:</i>		
		Reinhard Mechler International Institute for Applied Systems Analysis (IIASA)	Defining the Risk and Policy Space for Loss and Damage: A Broadening Role for Climate Risk Analysis
		Ivo Wallimann-Helmer Center for Ethics, University of Zurich	Shifting Liabilities in case of Climate Loss and Damage after Paris
		Belinda Storey Victoria University of Wellington	Pricing of Climate Change Risk in Coastal Property
		Sven Kunze Heidelberg University	The Effect of Tropical Cyclones on Economic Sectors Worldwide
C2	Kongress-Saal	Enrica De Cian <i>Fondazione Eni Enrico Mattei (FEEM), Italy</i>	Advancing the Economic Assessment of Climate Change. Gaps and future research
	<i>Co-hosts:</i> Ramiro Parrado (FEEM, Italy), Amsalu Woldie Yalew (PIK), Hermann Lotze-Campen (PIK)		
	<i>Speakers:</i>		
		Rob Dellink Organisation for Economic Co-operation and Development (OECD)	The joint economic consequences of climate change and air pollution
		Onno Kuik Vrije Universiteit Amsterdam	CLIMRISK: stochastic climate risk projections at high spatial resolution
		Khalid Siddig Humboldt University of Berlin	The interplay of water, food and energy in the Sudan until 2050
		Hermann Lotze-Campen PIK	Aggregation of biophysical climate impacts with multi-sector economic models
		Wouter Botzen Vrije Universiteit Amsterdam	Economic impacts from natural disasters in a changing climate
		Ian Sue Wing Boston University	Integrated Assessment of Climate Change Impacts Using Economic Models: Recent Trends, Neglected Areas and Research Opportunities

DAY 1 | WEDNESDAY, 11 OCT 2017

IMPACTS
WORLD
2017

Workshop	Room	Host	Title
C3	217	Dennis Van Berkel <i>Climate Litigation Network, Netherlands</i>	Measuring the costs of inaction on climate change: how impacts research can support climate change litigation
	Co-host: Katja Frieler (PIK, Germany)		
	Speakers:		
		Dennis Van Berkel Climate Litigation Network, Netherlands	A climate lawyer's wish list
		Katja Frieler Potsdam Institute for Climate Impact Research (PIK)	
		Md. Arfan Uzzaman International Business Forum of Bangladesh	Quantifying the cost of inaction of climate change impacts in the vulnerable delta region
		Massimiliano Pasqui CNR - IBIMET	Winners and losers from climate change in agriculture: Insights from a case study in the Mediterranean basin
C4	219	Eric Galbraith <i>ICREA - Universitat Autònoma de Barcelona, Spain</i>	Known unknowns and unknown unknowns: what are our models missing, and how much impact lies in the gaps?
	Speakers:		
		Eric Galbraith ICREA - Universitat Autònoma de Barcelona	Known unknowns in the marine ecosystem and fisheries
		Joshua Elliott University of Chicago	Major issues and future potential in agricultural impacts modeling

DAY 1 | WEDNESDAY, 11 OCT 2017

IMPACTS
WORLD
2017

Workshop	Room	Host	Title
C5	246	Juan-Carlos Ciscar <i>Joint Research Center (JRC), European Commission, Spain</i>	Comparing methods for assessing climate impacts
	<i>Speakers:</i>		
	Juan-Carlos Ciscar JRC, European Commission		The HELIX project: estimating global climate impacts with a bottom-up methodology (includes the Workshop introduction)
	Tamma Carleton University of California, Berkeley		Global mortality consequences of climate change accounting for adaptation costs and benefits
	Stefan Fronzek Finnish Environment Institute		Probabilistic risk assessment to climate and socio-economic changes across sectors and European regions using impact response surfaces
	Taher Kahil International Institute for Applied Systems Analysis (IIASA)		Economic costs of reduced water availability under climate change: Application of IIASA global hydro-economic modeling framework
C6	221	Elisabeth Gilmore Clark University, USA	Projecting armed conflict and unrest under climate change scenarios
	<i>Co-hosts:</i> Håvard Hegre (Uppsala University, Sweden), Drew Bowsby (Pardee Center for International Futures, USA)		
	<i>Speakers:</i>		
	Elisabeth Gilmore Clark University, USA		Overview of projecting armed conflict and unrest under climate change
	Håvard Hegre Uppsala University		Conflict forecasting and climate change research
	Drew Bowsby Pardee Center for International Futures		Long-term forecasts of alternative drivers of state failure
	Tobias Ide Georg Eckert Institute		From Climate Conflicts to Environmental Peace?
	Jonathan Donges PIK		Armed-conflict risks enhanced by climate-related disasters in ethnically fractionalized countries
	Basema Salem (Shihada) Municipality of Gaza, Palestinian territory		The effect of wars on climate change
	Alexander Belyakov UNEP		Applying Lessons From Environmental Diplomacy for Conflicts and Climate

DAY 1 | WEDNESDAY, 11 OCT 2017

IMPACTS
WORLD
2017

Work-shop	Room	Host	Title
C7	223	Sven Willner <i>Potsdam Institute for Climate Impact Research, Germany</i>	Climate Change & International Trade - Channel for Damage Propagation or Chance for Adaptation?
		<i>Co-hosts:</i> Miodrag Stevanovic (PIK, Germany), Leonie Wenz (PIK, Germany)	
		<i>Speakers:</i>	
		Thomas Hertel Purdue University	Geography Matters: International Agricultural Trade and the Economic Impacts of Climate Change
		Petr Havlik International Institute for Applied Systems Analysis (IIASA)	Evaluating the Effects of Climate Change on U.S. Agricultural Markets: Sensitivity to Regional Impact and Trade Expansion Scenarios
C8	231	Matthias Kalkuhl MCC, University of Potsdam	The Impact of Climate Conditions on Economic Production. Evidence from a Global Panel of Regions
		David N. Bresch <i>ETH Zurich, Switzerland</i>	Socio-economic consequences of climate extremes and compound impacts
		<i>Co-hosts:</i> Fang Zhao (PIK, Germany), Tobias Geiger (PIK, Germany), Benoît Guillod (ETH Zurich, Switzerland), Sonia Seneviratne (ETH Zurich, Switzerland), Jakob Zscheischler (ETH Zurich, Switzerland)	
		<i>Speakers:</i>	
		Edward Byers International Institute for Applied Systems Analysis (IIASA)	Global assessment of exposure and vulnerability of the world's poorest to hydro-climate risks under different socioeconomic projections
C8		Ted Veldkamp Vrije Universiteit Amsterdam	The importance of compound events in water-related risk assessments
		Tomoko Hasegawa National Institute for Environmental Studies	Global food security under extreme climate

DAY 1 | WEDNESDAY, 11 OCT 2017

IMPACTS
WORLD
2017

Work-shop	Room	Host	Title
C9	233	Bernhard Schauburger <i>Potsdam Institute for Climate Impact Research (PIK), Germany</i>	Near-term crop yield forecasts to mitigate production risks
	<i>Co-hosts:</i> Frank Wechsung (PIK, Germany), Christoph Gornott (PIK, Germany)		
	<i>Speakers:</i>		
		Bernhard Schauburger Potsdam Institute for Climate Impact Research (PIK)	Real-time modelling of global maize and wheat harvest for intraseasonal yield forecasts
		Marijn van der Velde European Commission, Joint Research Centre (JRC)	Intra-seasonal performance of wheat forecasts for the European Union during extreme impacts
		Davide Cammarano James Hutton Institute	A Crop Production Forecasting Tool for Adaptation and Mitigation strategies in Scotland
		Marlene Kretschmer Potsdam Institute for Climate Impact Research (PIK)	Using response-guided causal discovery algorithms to predict crop yield in Morocco
		Frank Wechsung Potsdam Institute for Climate Impact Research (PIK)	Forecasting Moroccan Wheat Yields using Two Statistical Models
		Qiang Xing RADI-CAS	A new crop aboveground biomass estimation method based on remote sensing-based BRDF Model Parameters
		David Makowski French National Institute for Agricultural Research (INRA)	Optimization of weather index thresholds for improving crop yield insurances
		Tamara Ben Ari French National Institute for Agricultural Research (INRA)	Causes and implications of the 2016 extreme wheat yield loss in France
		Gerard Wall Agricultural Research Service (USDA-ARS)	Thermal Regime Agronomic Cereal Experiment: Preliminary Results
		Pierluigi Calanca Agroscope, Agroecology & Environment Zurich	Crop yield forecasts in the face of extreme weather events
		Jonas Jägermeyr PIK	Local cultivar phenology key to mechanistic simulation of extreme weather impacts on global maize yields
		Elena Surovyatkina PIK, Space Research Institute (RAS)	Early forecasting of Indian Summer Monsoon: case study 2017

DAY 1 | WEDNESDAY, 11 OCT 2017

IMPACTS
WORLD
2017

Workshop	Room	Host	Title
C10	235	Soenke Kreft <i>Munich Climate Insurance Initiative (MCII), Germany</i>	An educated guess: decision making towards adaptation strategies for the most vulnerable
	<i>Speakers:</i>		
		Soenke Kreft Munich Climate Insurance Initiative (MCII), Germany	Framing the debate: Moving away from traditional cost benefit analysis towards comprehensive climate impact decision making approaches
		Gilbert Siame University of Zambia	Bridging the knowledge-practice gap in climate response at city-region scale in Africa: the case of climate knowledge co-production in the City of Lusaka (Zambia)
		Katharina Beyerl Institute for Advanced Sustainability Studies e.V. (IASS)	Coping with climate-related environmental changes in Pacific Small Island States
		Maxime Souvignet Munich Climate Insurance Initiative (MCII)	Best practices for multi-stakeholder decision making: a case study in Morocco using the Economics of Climate Adaptation (ECA) approach



Interactive poster session 18:15-19:45

Conference challenge: **Counting the economic costs of climate change**

Room: Foyer

Poster	Name	Title
P.C01	Hamidatou Mouloud et al.	Adaptation to Seismic Risk and Climate Change: Constantine city, Northeast of Algeria
P.C03	Ana Alicia Dipierri	Understanding climate change impacts on common-pool resources management: the case of collective irrigation systems in Argentina
P.C04	Ayana Angassa	Indigenous institution and knowledge vs. ecological approach for enhancing adaptation and resilience in Borana pastoral systems of Southern Ethiopia
P.C05	Muhammad Abid et al.	Enhancing stakeholders' cooperation for better adaptation of agriculture to climate change: A SWOT analysis of agricultural stakeholders in Pakistan
P.C06	Ilona M. Otto et al.	Social vulnerability to climate change: A review of concepts and evidence
P.C07	Patrick José von Jeetze et al.	Implications of future climate variability on food security: A model-based assessment of climate-induced crop price volatility impacts
P.C08	Florent Baarsch et al.	Delayed convergence: differential climate change impacts on African countries' income
P.C09	Florent Baarsch et al.	Subnational and sectoral economic information on climate risks to improve climate-resilient development planning
P.C10	Roberto Ferrise et al.	Probabilistic assessment of adaptation options from an ensemble of crop models: a case study in the Mediterranean
P.C11	Andrea Gonella Jimenez et al.	Modelling the Opportunity Cost of Reforestation in the Upper East Region of Ghana
P.C12	Anja Rammig et al.	Estimating the socio-economic impacts of a potential Amazon forest dieback
P.C13	Hans-Martin Füssel et al.	Key findings from the fourth European climate change impact assessment
P.C14	Monika Verma et al.	Assessing the Poverty Impacts of Climate Change across Latin America
P.C15	Veruska Muccione et al.	Dynamic stochastic cost-benefit optimization of climate change impacts to support adaptation decision making at the local level
P.C17	Ted Veldkamp	Testing the sensitivity of trade linkages in Europe to compound drought events
P.C18	Yeora Chae et al.	Economic analysis of climate change damage in Korea using SSP-RCP scenario matrix
P.C19	Wojtek Szewczyk et al.	JRC Climate Impacts Economic Modelling: experience and research priorities



P.C20	Tina Swierczynski et al.	Understanding paleofloods for estimating damage loss potential in the future
P.C21	Jamal Zaherpour et al.	Optimising the combination of global-scale climate change impact models from a multi-model ensemble
P.C22	Christian Spindler et al.	Artificial intelligence and crowd sourcing for climate change impact analytics
P.C23	Leila Niamir et al.	From Households' Energy Efficient Choices to Air Quality and Climate
P.C24	Saeed Ahmad Asad et al.	Vulnerability of Pakistan, s water sector to the impacts of climate change and its implications for agriculture sector
P.C25	Matthias Kroll	Evaluating the Monetary Cost of the Non-Use of Renewable Energies
P.C26	Muhammad Abid et al.	A review of methods and approaches to assess climate change impacts on agriculture in Pakistan
P.C27	Jamal Zaherpour et al.	A worldwide evaluation of global-scale hydrological models with human impact simulations for predicting mean and extreme runoff
P.C28	Boris Prah1 et al.	Translating climate change impacts into monetary risks for companies
P.C29	Guillaume Rohat et al.	Co-use of existing scenarios to extend the Shared Socioeconomic Pathways: Quantified futures of social vulnerability in Europe
P.C30	Jacob Schewe et al.	Simulating the impacts of climate extremes: the case of the 2003 European heat wave
P.C31	Anselm Schultes et al.	Climate impacts shape mitigation pathways towards 2°C
P.C32	Ibidun Adelekan et al.	The social and economic costs of Nigeria 2012 flood
P.C33	Haftay Hailu Gebrehiwot et al.	Estimation of soil organic carbon stock and its spatial patterns in Gergera watershed, Tigray, Northern Ethiopia
P.C35	Matteo Coronese et al.	Distributional Dynamics of Natural Disasters Loss
P.C36	Shu-Ling Chen	Economic Losses Report on Changing Climate in Taiwan
P.C37	Simona Pedde et al.	Using the SSPs to contextualise adaptation strategies in Europe
P.C38	Henry Ibitolu et al.	A geo-spatial assessment of drought in Northern Nigeria using vegetation indices and land surface temperature approach
P.C39	Julie Calkins	A climate risk data and modeling innovation programme to develop decision-making tools for planning and adaptation
P.C41	Paolo Scussolini et al.	Global impacts of river flooding: a past warmer world as analogue to the future
P.C42	Tobias Geiger et al.	Scaling future tropical cyclone damage with global mean temperature
P.C43	Betty Rono et al.	Implications of Climate Variability on livelihoods of Arid Communities in Kenya: What are the Challenges and Opportunities?
P.C44	Dhruba Banerjee et al.	A study of tropical cyclones over India (Bay of Bengal and Arabian Sea) and the impact of this hazard in to the socioeconomic structure of the coastal area of India
P.C45	Mohsin Raza	Addressing the Environment's Kuznet Curve Hypothesis in the context of development pattern in the East and the West

DAY 1 | WEDNESDAY, 11 OCT 2017



P.C46	Harsh Shah et al.	Irrigation Water Demand in Ganges basin during the 21st century
P.C47	Rosanne Martyr-Koller et al.	Regional sea-level rise adaptation mechanisms in San Francisco Bay, CA, USA highlight the need for multi-level cooperation and new governance institutions
P.C48	Adrien Detges	Tracking climate-security risks and solutions worldwide – The ECC Factbook
P.C49	Sam Rabin et al.	Future land-use and management change from a coupled vegetation/land-use model system
P.C50	Lukas Baumbach et al. et al.	Beech - Silver Fir Mixed Commercial Forests as an Adaptation Strategy to Drought: Modelling Potential Distributions and their Economic and Managerial Implications
P.C51	Baba Adam	Economic evaluation of Climate Change Adaptation Measures among Smallholder Farmers in Northern Ghana
P.C52	Camelia Eliza Telteu et al.	Assessing the floods occurred in Jiu river catchment and their economic consequences (Romania)
P.C53	Diego Rybski et al.	Reconciling Adaptation, Mitigation and Sustainable Development for cities
P.C54	Hsin-chi Li et al.	The Impact Assessment Under Warming Scenario for Dai-Ji River Basin in Taiwan
P.C55	Francesco Lamperti et al.	Faraway, so Close: Coupled Climate and Economic Dynamics in an Agent-Based Integrated Assessment Model
P.C56	Lena Reimann et al.	UNESCO World Heritage at risk from coastal flooding in the Mediterranean region –Is it possible to evaluate the costs of flood impacts on cultural heritage?
P.C54	Hsin-chi Li et al.	The Impact Assessment Under Warming Scenario for Dai-Ji River Basin in Taiwan
P.C55	Francesco Lamperti et al.	Faraway, so Close: Coupled Climate and Economic Dynamics in an Agent-Based Integrated Assessment Model
P.C56	Lena Reimann et al.	UNESCO World Heritage at risk from coastal flooding in the Mediterranean region –Is it possible to evaluate the costs of flood impacts on cultural heritage?

Interactive poster session 18:15-19:45Conference challenge: **Climate change and human health** Room: Foyer

Poster	Name	Title
P.H01	Tanya Singh et al.	When do Indians feel hot? - Analysing Thermal Discomfort using Google Search
P.H02	Raissa Sorgho et al.	Linking weather, remotely sensed household food production to child under nutrition at the household level - an exploratory study from a subsistence farming village in Burkina Faso
P.H03	Bernd Eggen et al.	SECTEUR: Sector Engagement for the Copernicus Climate Change Service (C3S): Translating European User Requirements
P.H04	Xerxes Seposo et al.	Health impact assessment of the future effects of PM2.5 on all-cause mortality in Japan
P.H05	Jun'ya Takakura et al.	Adaptation Difficulties in Keeping Labor Capacity under the Climate Change
P.H06	Hanna Mertes et al.	Health effects of climate change – Training modules for paediatricians
P.H07	Hanna Mertes et al.	Extreme Heat and Adaption in Home Care and the Medical Sector
P.H09	Mofizur Rahman et al.	Salinity impacts on health and livelihood in coastal Bengal delta
P.H10	Neha Sharma	Sustainable Agriculture and Food Security in India : An Assessment
P.H13	Aditi Bunker et al.	Excess burden of non-communicable disease years of life lost from heat in rural Burkina Faso: a time-series analysis of the years 2000-2010
P.H14	Peter Pfleiderer et al.	Half a degree difference in the observational record
P.H15	Yasushi Honda et al.	Climate change impact on heat-related mortality
P.H16	Susanne Rolinski et al.	Economic and cultural drivers for national consumption levels : the special cases of meat and red meat
P.H17	Rasmila Kawan et al.	Health Co-benefits from reducing indoor air pollution in Pune, India
P.H18	Sandra Barteit et al.	The link between childhood malnutrition and preceding weather in Burkina Faso, Africa

DAY 1 | WEDNESDAY, 11 OCT 2017

**IMPACTS
WORLD
2017**

Interactive poster session 18:15-19:45

Conference challenge: **Climate change and human migration** Room: Foyer

Poster	Name	Title
P.M01	Ashley Pitschmann	Swallowed by the Sea: Climate Change, Environmental Refugees and the Pacific Islands
P.M02	Haibin Xia et al.	The Impact of Climate Change and Social-Economic change on Population Distribution and Migration in China
P.M03	Elena Parfenova et al.	Ecological conditions for human beings in a changing climate of the 21st century in Asian'Russia
P.M04	Sijal Pokharel et al.	Linking environmental change with human displacement: A case study of displaced community of mid-hill of Nepal
P.M05	Fahad Saeed et al.	Climate Induced Rural to Urban Migration in Pakistan
P.M06	Yassin Osman et al.	Climate change aware drought forecasting system for Darfur region in the Sudan
P.M07	Kaoru Kakinuma et al.	Dry summer may increase human migration in Mongolia
P.M08	Ranjana Piyadasa	Sustainable community based ecosystem management for climate change adaptation- Case study in Horivila cascade system in Anuradhapura district, Sri Lanka
P.M10	David M. Landholm et al.	Conflict and land use change: a case study from Colombia



Interactive poster session 18:15-19:45

Conference challenge: **Climate change and the Sustainable Development Goals**

Room: Foyer

Poster	Name	Title
P.S01	Desirée Dörr et al.	Global development typologies and pathways: How far are we from sustainable development?
P.S02	André Lindner et al.	Integrated Postgraduate Education for Sustainable Development - 40 Years Experience in Environmental Management for Developing and Emerging Countries
P.S03	Christin ter Braak-Forstinger	SDG-investing - leveraging the SDGs
P.S04	Cohen Ang'u et al.	Aerosol Optical Depth Patterns Associated with Urbanization and Climate Variation
P.S05	Mohummad Kamrul Hassan	Rural Communication Services in Climate Change Adaptation Among the Salinity Affected Rice Farmers in a Coastal Sub-district of Bangladesh
P.S06	Sayan Bhattacharya et al.	Environmental survey and photographic documentation of a forest edge hamlet situated in the Eastern Himalayan foothills in India
P.S07	Mekonnen Daba et al.	Hydrological Response to Climate Change Impacts and Adaptation Strategies for Upper Awash Sub-basin, in the Awash Basin, Ethiopia
P.S08	Mey Eltayeb Ahmed	Gender Justice to Elmintate Climate Change Impacts in developing Countries,a case study from Sudan
P.S09	Mey Eltayeb Ahmed	Mobility, migration and climate change in the conflict affected areas, cases from Savannah Belt of Sudan
P.S11	Tugba Agacayak	Mitigation of Emissions from the Agriculture Sector and Climate Change Adaptation in Turkey
P.S12	Jessica Pizarro Loza et al.	Australian Uranium Industry Climate Change Vulnerability Assessment
P.S13	Tony Carr	Modelling the impacts of climate change and land degradation on global food production
P.S14	Chaminda Hettiarachchi	From 2004 Tsunami to 2017 Floods in Sri Lanka- What is not learnt from Indigenous Knowledge to Achieve SDGs?
P.S15	Navreet Kaur et al.	An evaluative study of national mission for enhanced energy efficiency in India - A case study of Punjab State
P.S16	Tim Trautmann et al.	Risks for the global freshwater system at 1.5°C and 2°C global warming
P.S17	Ravneet Kaur et al.	Promoting usage of green technology to address climate change in India with special reference to solar water heating system scheme: A study of state of Punjab

DAY 1 | WEDNESDAY, 11 OCT 2017



IMPACTS
WORLD
2017

P.S18	Julien Boulange et al.	Investigating transient and stabilized climate states for signal to noise ratio of hydrological indicators in a 1.5 °C warmer world
P.S21	Katharina Waha	Mapping mixed crop-livestock systems and multiple cropping for climate change impact research
P.S22	Martin Stavenhagen et al.	Saving water in cities: Urban water demand management (WDM) policies as adaptation mechanisms
P.S23	Shona Paterson et al.	Charting courses for knowledge, action, and behavioural change
P.S24	Dorcas Anyango et al.	Effectiveness of participatory approaches in preserving indigenous knowledge for African Leafy Vegetables in rural Kenya
P.S25	Andrea Bryndum-Buchholz et al.	Climate change impacts on global fish production – a multi-model analysis on an ocean basin scale
P.S26	Christian Hof et al.	Biodiversity scenarios for a 1.5°C warmer world: assessing interactions between climate and land-use change
P.S27	Richard Hewston	Quantifying climate change vulnerability to facilitate effective decision making
P.S28	Jonathan Buzan et al.	Direct climate change labor losses in agriculture production from heat stress
P.S30	Priyanka Kulkarni et al.	Environmental Planning as a tool for planning Climate Resilient City
P.S31	Carl-Friedrich Schleussner et al.	Hot spots of crop production changes at 1.5°C and 2°C
P.S33	Obafemi Alaba Olukoya et al.	The Social Dimension of Climate Change Mitigation in Third world Countries: A Case of Climate Change Awareness in Nigeria.
P.S34	Arjun Srinivas	Differential vulnerability to climate change in informal settlements in Bangalore, India
P.S35	Lucia Wright-Contreras	In deep water
P.S36	Juliane Otto et al.	On the role of Climate Services supporting Ecosystem Services in securing SDGs
P.S37	Yi hyun Kang	Can framing affect SDG achievement? Implication from South Korea's adaptation policy
P.S40	Steffen Kriewald et al.	Feeding the urban world: A sustainable food system in the light of SDGs
P.S41	Katharina Hölscher et al.	Governance capacities for transformative climate solutions: Lessons from frontrunner cities New York City, U.S. and Rotterdam, Netherlands
P.S42	Tesfaldet Okubayes et al.	Traditional pastoralist productions systems and Resilience: Reflecting PENHA's work on the dynamism of pastoral and agro pastoral systems
P.S43	Indi Mclymont-Lafayette et al.	Lessons learnt mainstreaming gender, climate change and the SDG's in the Caribbean
P.S44	Jutta Werner	Improved Institutions and Governance Mechanisms for Resilient Pastoral Policies in North Africa

DAY 1 | WEDNESDAY, 11 OCT 2017

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IMPACTS
WORLD
2017

P.S45	Jacob Schewe et al.	The role of storage dynamics in annual wheat prices
P.S46	Shinichiro Fujimori et al.	Macroeconomic impacts of climate change associated with changes in crop yields
P.S47	Lisa Berghäuser et al.	Extreme Challenges for Livelihoods: Climate Change Impacts on Hydrological and Agricultural Extreme Events in the MENA- & Sahel-Regions
P.S48	Jonas Jägermeyr et al.	Reconciling irrigated food production with environmental flows for Sustainable Development Goals implementation
P.S49	Mona Poorzady	Opportunities and barriers to reach sustainable development goals through Paris climate agreement in Iran

DAY 2 | THURSDAY, 12 OCT 2017

**IMPACTS
WORLD
2017**

IV: Climate change and human health 9:00am - 10:30am

Chair: **Veronika Huber**, Co-chair: Linda Krummenauer

Room: Kongress-Saal

	Speaker	Title
1	Prof. Dr. Andy Haines <i>London School of Hygiene and Tropical Medicine, United Kingdom</i>	Reducing risks to health from climate change in the Anthropocene epoch
2	Prof. Dr. med. Christian Witt <i>Charité – Universitätsmedizin Berlin, Germany</i>	Clinical Climate Impact Research – The Lungs as Portal Organ of Climate Change
3	Dr. Antonio Gasparrini <i>London School of Hygiene and Tropical Medicine, United Kingdom</i>	Temperature, climate and health: results from the MCC Project
4	Prof. Dr. Matthew Huber <i>Purdue University, United States</i>	The dynamics of moist heat stress and their implications for future predictions
5	Prof. Dr. Andy Morse <i>University of Liverpool, United Kingdom</i>	Climate Models and the Prediction of Vector Borne Diseases

DAY 2 | THURSDAY, 12 OCT 2017

**IMPACTS
WORLD
2017**

V: Climate change and human migration 11:00am - 12:30pm

Chair: **Kira Vinke**, Co-chairs: Sophie Rottmann, Jacob Schewe and Jonathan Donges

Room: Kongress-Saal

	Speaker	Title
1	Dr. Andrea Tilche <i>European Commission: DG Research and Innovation (DG RTD), Belgium</i>	Science-policy considerations on climate change impacts research on health and migration
2	Prof. Dr. Ulrike Grote <i>Institute for Environmental Economics and World Trade, Leibniz University, Germany</i>	Rural-urban migration and climate change: evidence from Southeast Asia
3	Susanne Melde <i>Global Migration Data Analysis Centre (GMDAC), International Organization for Migration (IOM), Germany</i>	Climate change adaptation: the role of human mobility
4	Dr. Koko Warner <i>United Nations Framework Convention on Climate Change (UNFCCC), Germany</i>	Resilience and Transition: Opportunities and limits of human mobility as a vehicle for managing climate impacts and risks

Workshops on human health 2:00pm - 3:30pm

Room: Workshop rooms

Workshop	Room	Host	Title
H1	215	Cyril Caminade <i>University of Liverpool, UK</i>	Climate change and vector-borne diseases
	<i>Co-host:</i> Joacim Rocklöv (Umea University, Sweden)		
	<i>Speakers:</i>		
		Cyril Caminade <i>University of Liverpool, UK</i>	Brief Keynote: Impact of climate change on vector-borne diseases - a brief overview
		Joacim Rocklöv Umeå University	Invasion Scenarios of The Arbovirus Vector Aedes Aegypti Into Europe
		Nguyen Cong Tien Vietnam National Space Center (VNSC)	Mapping vulnerability to dengue in Mekong Delta region, Vietnam from 2002 to 2014 using geospatial data by water-associated disease index approach
		Lingfeng Zheng Graduate School of Frontier Sciences,	Effects of Climate Change on Ciguatera Fish Poisoning, and Social-Ecological Resilience: Case Study of French Polynesia
H2	217	Luís Costa <i>Potsdam Institute for Climate Impact Research (PIK), Germany</i>	Modeling the temperature-mortality relationship under changing climate and society
	<i>Co-hosts:</i> Linda Krummenauer (PIK, Germany), Veronika Huber (Universidad Pablo de Olavide, Spain)		
	<i>Speakers:</i>		
		Linda Krummenauer Potsdam Institute for Climate Impact	Drivers and Evolution of Present and Future Threshold Temperatures for Mortality from Heat in Cities
		Antonio Gasparrini London School of Hygiene and Tropical Medicine	Methodological considerations in projections of temperature-related health impacts under climate change scenarios
		Simon Gosling University of Nottingham	Quantitative comparison of temperature-related mortality adaptation modelling methods
		Xerxes Seposo Kyoto University	Future impact of heat on mortality in the Philippines, under a no-adaptation assumption
		Martina S. Rasetti Swiss Tropical and Public Health Institute	Evaluation of adaptation measures to heat in Switzerland: Changes in the temperature-mortality relationship between 1995 and 2013 and excess mortality during the warm summer of 2015

DAY 2 | THURSDAY, 12 OCT 2017

IMPACTS
WORLD
2017

Workshop	Room	Host	Title
H3	246	Mario Herrero <i>CSIRO, Australia</i>	Modelling the links between agriculture, climate change, and human health and nutrition
	<i>Co-hosts:</i> Marco Springmann (University of Oxford, UK), Gerald Nelson (University of Illinois, USA)		
	<i>Speakers:</i>		
		Keith Wiebe International Food Policy Research	Tradeoffs in achieving food and nutrition security at global and regional scales
		Gerald Nelson University of Illinois, Urbana-Champaign	Comparing Income growth and climate changes effects on nutrition security
H4		Marco Springmann University of Oxford	Mitigation potential and global health impacts from emissions pricing of food commodities
	219	Kristie Ebi <i>University of Washington, USA</i>	Future health in the context of the Paris Agreement
	<i>Speakers:</i>		
		Hans Orru Umea University	Future impact of climate and precursor emission change on ozone-related mortality in Europe, including the effect of higher ambient temperatures
		Rita Van Dingenen European Commission, Joint Research Centre (JRC)	Global air quality co-benefits of climate action under Intended Nationally Determined Contributions and 2° scenarios.
		Tomoko Hasegawa National Institute for Environmental Studies	Avoid climate change impacts on human health through undernourishment in the context of the Paris Agreement
		Ana M. Vicedo-Cabrera London School of Hygiene and Tropical Medicine	Projected health impacts under and beyond climate change scenarios consistent with the Paris Agreement: evidences from a multi-country analysis
H4		Kristie Ebi University of Washington	Health co-benefits of mitigation policies and technologies

DAY 2 | THURSDAY, 12 OCT 2017

IMPACTS
WORLD
2017

Workshop	Room	Host	Title
H5	221	Shouro Dasgupta <i>FEEM, CMCC, Italy</i>	Estimating the Impacts of Climate Change on Human Health
	<i>Speakers:</i>		
		Martina Bozzola ETH Zürich, AECG Group	Weather and income: effect on household saving and well-being in South Africa
		Shouro Dasgupta FEEM and CMCC	The health burden of climate change in US: evidence from influenza-like-illness
		Sari Kovats London School of Hygiene and Tropical Medicine	Climate change and extreme heat stress: a systematic review
		Timothy Carter Finnish Environment Institute (SYKE)	Impacts of climate change on human health in Finland: challenges for risk assessment and adaptation response
		Alistair Hunt University of Bath	Health Impacts of Climate Change at the Local and Organisational level
		Joacim Rocklöv Umeå University	Lancet Count Down 2030

Workshops on human migration 2:00pm - 3:30pm

Room: Workshop rooms

Workshop	Room	Host	Title
M1	Kongress -Saal	Pierre Ozer <i>The Hugo Observatory - University of Liège, Belgium</i>	Social Tipping Points (STP), climate change and migration
	<i>Co-hosts:</i> Richard Betts (Met Office Hadley Centre - University of Exeter, UK), Benjamin Sultan (Laboratoire d'Océanographie et de Climatologie par Experimentation et Approche Numérique (LOCEAN), France)		
	<i>Speakers:</i>		
		Pierre Ozer The Hugo Observatory - University of Liège	Social 'tipping points' under climate change
		Benjamin Sultan IRD-LOCEAN/IPSL	Impacts, perceptions, adaptive capacity and resilience of rural societies in the Sahel
		Kanta Rigaud World Bank	Climate Change and Migration Futures - Implications for Development Planning
M2	223	Jochen Hinkel <i>Global Climate Forum, Germany</i>	Sea-level rise and coastal migration
	<i>Speakers:</i>		
		Katriona McGlade Ecologic Institute	Adapt or migrate? Coastal risk governance and culture in Europe
		Ricardo Safrá de Campos University of Exeter	Perceived environmental risks and expected outcomes as motivations for migration decisions
		Quamrun Nahar International Centre for Diarrhoeal Disease Research (icddr,b)	Coastal Vulnerability and Migration to Cities: Implications of Climate Change for Bangladesh
		Attila Lazar University of Southampton	Simulating migration in deltas: Insights from the DECCMA Project
		Jochen Hinkel Global Climate Forum (GCF)	Protect or retreat? Model-based scenarios of coastal human dynamics in the 21st century

DAY 2 | THURSDAY, 12 OCT 2017

IMPACTS
WORLD
2017

Workshop	Room	Host	Title
M3	231	Nicole Glanemann <i>PIK & WHU - Otto Beisheim School of Management, Germany</i>	Adaptation through Migration - Limits, Conflicts and Policy Solutions
	Co-host: Anders Levermann (PIK, Germany)		
	Speakers:		
		Sarah Louise Nash Istanbul Policy Center, Sabanci University	Beyond Established Categories: Understanding Human Mobilities in the Context of Climate Change
		Barbora Sedova Mercator Research Institute on Global Commons and Climate Change (MCC)	Environment and migration theory: Evidence on rural-urban migration in India
M4	233	Kathleen Hermans <i>Helmholtz Centre for Environmental Research (UFZ), Germany</i>	Opportunities and challenges for transferability methods in the field of climate-migration studies
	Co-hosts: Jule Schulze (UFZ, Germany), Charlotte Wiederkehr (UFZ, Germany)		
	Speakers:		
		Jule Schulze Helmholtz Centre for Environmental Research (UFZ)	Agent-based modeling of environmentally-induced migration: Translating local case study knowledge to larger scales
		Charlotte Wiederkehr Helmholtz Centre for Environmental Research (UFZ)	Meta-analyses of household adaptation and migration behaviour in the context of environmental change: contribution to policy and practice by systematic case study synthesis
		Amirali Parpia Aga Khan Agency for Habitat	Why communities continue to live in risk: understanding the barriers to relocation as a disaster preparedness mechanism in northern Pakistan
		Md Rezwan Siddiqui Urban Studio, University of Dhaka	Climate Change Induced and Environmentally Stressed Migration in Dhaka

DAY 2 | THURSDAY, 12 OCT 2017



IMPACTS
WORLD
2017

Workshop	Room	Host	Title
M5	235	Jürgen Scheffran <i>University of Hamburg, Germany</i>	Impacts of environmental migration on conflict and cooperation
	Co-host: Michael Brzoska (IFSH, University of Hamburg, Germany)		
	Speakers:		
		Janpeter Schilling University of Koblenz-Landau	The Nexus of Climate, Conflict and Migration in the Horn of Africa
		Michael Brzoska University of Hamburg	Factors shaping the link from climate-related disasters to forced migration and violent conflict
		Richard Hewston Verisk Maplecroft	The role of climate change as a risk multiplier in migration and conflict
		Lysann Schneider University of Bern	Environmental and Climate Change: Research on Political Ecology and Migration on the Yucatán Peninsula
M6		Judith Nora Hardt University of Hamburg	Critical Environmental Security Studies (CESS): a new framework for Analysis
	222	Harald Sterly <i>Department of Geography at University of Bonn, Germany</i>	Displacement or Adaptation? Re-Assessing The Relations Of Migration And Climate Change With A Translocality Perspective
	Co-host: Patrick Sakdapolrak (University of Vienna, Austria)		
	Speakers:		
		Giorgia Prati University of Southampton	Migration as adaptation: a gender analysis of benefits, barriers and opportunities
		Ayesha Amjad Qaisrani Sustainable Development Policy Institute	Building climate resilience through rural out-migration – the case of semi-arid Pakistan

DAY 2 | THURSDAY, 12 OCT 2017

**IMPACTS
WORLD
2017**

VI: Why climate-impacts research? 4:00pm - 6:30pm

Chair: **Lila Warszawski** Room: Kongress-Saal

	Speaker	Title
1	Orchestra of Change	Thought-provoking climate concert
2	Dr. Dietmar Woidke <i>Prime Minister of the State of Brandenburg, Germany</i>	Welcome note
3	Thomas Rachel <i>Federal Ministry of Education and Research (BMBF), Germany</i>	Welcome note
4	Prof. Dr. Dr. Hans Joachim Schellnhuber <i>Potsdam Institute for Climate Impact Research (PIK), Germany</i>	"Avoiding the unmanageable, managing the unavoidable": a slogan revisited
5	Patricia Espinosa <i>Executive Secretary of the United Nations Framework Convention on Climate Change (UNFCCC), Germany</i>	Adress from the Executive Secretary of the United Nations Framework Convention on Climate Change (UNFCCC)
6	Prof. Dr.-Ing. Matthias Kleiner <i>President of the Leibniz Association, Germany</i>	Why the world would urge for a PIK if it didn't already exist? Congratulations to the 25th anniversary
7	Carlos Moedas <i>European Commission</i>	A video message from the European Commissioner for Research, Science and Innovation
8	Prof. Dr. Klaus v. Klitzing <i>Max Planck Institute for solid state research, Germany</i>	Climate-impacts research and the importance of basic science
9	5-min surprise film screening	

DAY 3 | FRIDAY, 13 OCT 2017

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**IMPACTS
WORLD
2017**

VII: Climate change and Sustainable Development Goals

09:00am - 10:30am

Chair: **Alexander Popp**, Co-chair: Prajal Pradhan

Room: Kongress-Saal

	Speaker	Title
1	Prof. Dr. Johan Rockström <i>Stockholm Resilience Centre, Sweden</i>	World Development within a Resilient and Stable Earth system - Only Path to the SDGs
2	Dr. Leena Srivastava <i>TERI University, India</i>	Climate Change and SDGs: Designing Policy Coherence and promoting Integrated Implementation
3	Dr. Maja Göpel <i>German Advisory Council on Global Change (WBGU), Germany</i>	The Great Mindshift: Soft Power in Sustainability Transformations
4	Prof. Dr. Dirk Messner <i>German Development Institute (DIE), Germany</i>	Development and justice through transformation: The Four Big 'I's

Workshops on SDGs 11:00am - 12:30pm

Room: Workshop rooms

Workshop	Room	Host/ Co-hosts	Title
S1	215	Michael Reder <i>Institute for Social and Development Studies at Munich School of Philosophy, Germany</i>	SDGs, intergenerational justice and representation of future generations
		<i>Co-hosts:</i> Andreas Gösele (Munich School of Philosophy, Germany), Nejma Tamoudi (Munich School of Philosophy, Germany), Simon Faets (Munich School of Philosophy, Germany)	
		<i>Speakers:</i>	
		Peter Lawrence Australia	Representation of future generations through international climate litigation: a fruitful strategy for pursuing the SDGs?
		Judith Nora Hardt University of Hamburg	Environmental security in the Anthropocene: between geopolitical interests and normative pathways
S2	217	Xiomy Acevedo Barranquilla+20	Intergenerational equity and local knowledge in conservation: keys for effective climate action
		Silke Stoeber <i>Centre for Rural Development at Humboldt University of Berlin, Germany</i>	Discovering the culture of resilience: The potential of traditional land-use practices in addressing the impacts of climate change and for reaching SDGs 2.4, 13.1 and 15
		<i>Co-hosts:</i> Sabine Schielmann (Institute for Ecology and Action Anthropology INFOE e.V., Germany), Miriam Hollaender (SLE, Germany)	
		<i>Speakers:</i>	
		Bibiana Alejandra Bibao Universidad Simón Bolívar	Towards an intercultural and participative management and conservation policy: The value of local indigenous knowledge for sustainable management and conservation of natural resources in Canaima National Park, Venezuela
S2		Simon Peter Longoli Karamoja Development Forum	Pastoralists' strategies for adapting to climate change
		Herminia Degawan Igorot/Kankanaey	Enhancing Traditional Land Use Systems as a response to Climate Change
		Alexander Belyakov United Nations Environment Programme (UNEP)	Overcoming Aboriginal Food Insecurity in Canada

DAY 3 | FRIDAY, 13 OCT 2017

IMPACTS
WORLD
2017

Work-shop	Room	Host/ Co-hosts	Title
S3	246	Indi Mclymont-Lafayette <i>CHANGE Communications Limited, Jamaica</i>	Climate Change and the SDGs – Public Dialogue and SIDS
	<i>Co-hosts:</i> Ava-Gail Gardiner (CHANGE Communications Limited, Jamaica), Petre Williams-Raynor (Panos Caribbean, Jamaica), Nanette Woonton (Pacific Regional Environment Programme, Samoa)		
	<i>Speakers:</i>		
		Indi Mclymont-Lafayette CHANGE Communications Limited	The lessons learnt from the MDG's and the implications for the SDG's and the Paris Agreement
		Ava-Gail Gardiner CHANGE Communications Limited	Voices for Climate Change: Using Popular Culture for Public Education and Behaviour Change
S4		Marc Pacoma Adamson University	Climactic Realities: Evaluating Climate Change Coverage of Philippine Online News Media
	219	Katharina Waha <i>Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia</i>	Household surveys to inform climate change impact research and monitoring progress on the SDGs
	<i>Co-hosts:</i> Mark van Wijk (ILRI, Kenya), Mario Herrero (CSIRO, Australia)		
	<i>Speakers:</i>		
		Avery Cohn Tuft University	Fusing in situ measurements and remote sensing data to improve analysis of agricultural livelihoods in a changing climate
S4		Jannike Wichern Wageningen University & Research	Bringing food availability to scale: Mapping livelihood strategies for household food availability across Uganda
		Hugo Valin International Institute for Applied Systems Analysis (IIASA)	Improving representation of socioeconomic heterogeneity in integrated assessment models : an illustration with GLOBIOM
		Mark van Wijk International Livestock Research Institute (ILRI)	Lessons learnt from previous household surveys, how to collect better and targeted data and first work on quantifying changes over time.

DAY 3 | FRIDAY, 13 OCT 2017

IMPACTS
WORLD
2017

Workshop	Room	Host/ Co-hosts	Title
S5	221	Tyler Eddy <i>University of British Columbia, Canada</i>	Land and sea interfaces of the SDGs
	<i>Co-host:</i> Derek Tittensor (UNEP-WCMC, United Kingdom)		
	<i>Speakers:</i>		
		William Cheung Nippon Foundation Nereus Program, The University of British Columbia	-
		Gerald Singh University of British Columbia	A rapid assessment tool determining co-benefits and trade-offs among Sustainable Development Goals: results for the role of the oceans in sustainable development
		Barbara Neumann Institute for Advanced Sustainability Studies e.V. (IASS)	SDG14 interactions - A first-order assessment of interactions of SDG 14 with other relevant SDGs
		Xiao Recio-Blanco Environmental Law Institute	Finding adequate legal principles and tools for the implementation of SDG14
		Julia Blanchard University of Tasmania	Fish at the nexus of food security, biodiversity and climate change
		Richard Cottrell University of Tasmania	Tipping Points in Global Food Production: Detecting Thresholds and Drivers of Change on Land and Sea
		Heike Lotze Dalhousie University	Climate change impacts on fish, fisheries and SDGs

DAY 3 | FRIDAY, 13 OCT 2017

IMPACTS
WORLD
2017

Workshop	Room	Host/ Co-hosts	Title
S6	Kongress-Saal	Delphine Deryng <i>Climate Analytics, Germany</i>	From impact and vulnerability assessments to adaptation planning and implementation
	<i>Speakers:</i>		
		Sarah D'haen Climate Analytics	Towards a coordinated national approach for adaptation planning: experiences from Benin and Senegal
		Adelle Thomas Climate Analytics	Sustainable Development and Adaptation in SIDS
		Sathaporn Monprapussorn Srinakharinwirot University	The importance of land use-climate change interaction in building coastal resilience and sustainability
		Edmond Totin International Crops Research Institute for the Semi-Arid Tropics (ICRISAT)	Does scenario planning catalyse transformative change? Evaluating a climate change policy case study in Mali
		Ajay Bhawe School of Earth and Environment, University of Leeds	Reflecting on co-production approaches for robust decision making in India and Malawi
S7	223	Thomas Hertel <i>Purdue University, USA</i>	Universities as catalysts for change and community building around the Sustainable Development Goals
	<i>Co-hosts:</i> Hans-Peter Winkelmann (Climate Campus, Germany), Matthew Huber (Purdue University, USA), Hermann Lotze-Campen (PIK, Germany)		
	<i>Speakers:</i>		
		Thomas Hertel Purdue University	GLASS: Global to Local Analysis of Systems Sustainability
		Carol Song Purdue University	An open source geospatial cyberinfrastructure for interdisciplinary collaboration and broader engagement
		Sandra Barteit Institute of Public Health, Heidelberg University	Reaching citizens, policy-makers and researchers through Massive Open Online Courses (MOOCs) on Climate Change and Health
		Hans-Peter Winkelmann Climate Campus	The role of universities as drivers for climate action and the Sustainable Development Goals
		Manjana Mikoreit Purdue University	Gaming Climate Futures – How to Design Effective Stakeholder Engagement Processes at the Global Scale

DAY 3 | FRIDAY, 13 OCT 2017

IMPACTS
WORLD
2017

Workshop	Room	Host/ Co-hosts	Title
S8	231	Cynthia Rosenzweig NASA Goddard Institute for Space Studies (GISS), USA	AgMIP and the SDGs: Simulating Multiple Demands on Agriculture
	Co-hosts: Alex Ruane (NASA GISS, USA), Joshua Elliott (University of Chicago, USA), Christoph Müller (PIK, Germany)		
	Speakers:		
		Joshua Elliott University of Chicago	Extreme risk to agriculture: A historical look at large scale climate extremes and their impact on productivity
		Tomoko Hasegawa National Institute for Environmental Studies	Climate mitigation effects on food security: multiple global economic modeling comparisons
		Senthold Asseng University of Florida	Climate change and global wheat grain protein
		Mouhamed Ly Climate Analytics	Multi-model characterization of climatic stress patterns on the reproductive stage of West African crops
		Christoph Müller Potsdam Institute for Climate Impact Research (PIK)	Changes in yield stability from input-driven agricultural intensification
		David Leclere International Institute for Applied Systems Analysis (IIASA)	Hotspots of future land use change impacts on terrestrial biodiversity under global mitigation scenarios
		Alex Ruane NASA Goddard Institute for Space Studies (GISS)	AgMIP Coordinated Global and Regional Assessments of the Agricultural Implications of +1.5 and +2.0 °C Worlds

DAY 3 | FRIDAY, 13 OCT 2017

IMPACTS
WORLD
2017

Workshop	Room	Host/ Co-hosts	Title
S9	233	Lorenza Campagnolo <i>Fondazione Eni Enrico Mattei (FEEM), Italy</i>	The role of mitigation and adaptation in securing SDGs under climate change
	<i>Speakers:</i>		
		Florent Baarsch Climate Analytics, PIK, CESifo	Catching up with warming – Economic and inequality implications of dynamic vulnerability to warming levels from 1.5°C to 4.5°C
		Lorenza Campagnolo Fondazione Eni Enrico Mattei (FEEM)	SDGs under the climate change threat
		Michael Obersteiner International Institute for Applied Systems Analysis (IIASA)	Wicked trade-offs between environmental SDGs and food security
		Francis Dennig Yale NUS College	Sub-regional inequality is important for climate policy
S10	235	Prajal Pradhan <i>Potsdam Institute for Climate Impact Research (PIK), Germany</i>	Detecting and quantifying interactions within and across Sustainable Development Goals
	<i>Co-host:</i> Luis Costa (PIK, Germany)		
	<i>Speakers:</i>		
		Jürgen Kropp Potsdam Institute for Climate Impact Research (PIK)	Towards a systematic analysis of trade-offs and synergies amongst sustainable development goals
		Amanda Palazzo International Institute for Applied Systems Analysis (IIASA)	Hotspots in land and water resource uses on the way towards achieving the Sustainable Development Goals
	<i>Panelists:</i>		
	Jürgen Kropp , Potsdam Institute for Climate Impact Research (PIK)		
	Imme Scholz , The German Development Institute (DIE)		
	Leena Srivastava , The Energy and Resources Institute (TERI)		
	Wolfgang Lucht , Potsdam Institute for Climate Impact Research (PIK)		
	Marc Lawrence , Institute for Advanced Sustainability Studies (IASS)		

DAY 3 | FRIDAY, 13 OCT 2017



IMPACTS
WORLD
2017

Workshop	Room	Host/ Co-hosts	Title
S11	222	Peter Irvine <i>Harvard University, USA</i>	Evaluating the climate impacts of solar geoengineering
	<i>Co-hosts:</i> Helene Muri (University of Oslo, Norway), Ben Kravitz (Pacific Northwest National Laboratory, USA)		
	<i>Speakers:</i>		
		Alan Robock Rutgers University	Impacts of solar geoengineering on agriculture and ecosystems
		Elnaz Roshan University of Hamburg	Cost-Risk Trade-off of Solar Radiation Management and Mitigation under Probabilistic Information on Climate Sensitivity
		Akihiko Ito National Institute for Environmental Studies	Solar radiation management and ecosystem functional responses
		Douglas MacMartin Cornell University	Solar geoengineering design and impacts

DAY 3 | FRIDAY, 13 OCT 2017



**IMPACTS
WORLD
2017**

VIII: Meeting the challenges: reflections & panel discussion

2:00pm -3:30pm

Chair: **Christopher Reyer** Room: Kongress-Saal

	Speaker	Title
1	Prof. Dr. Martin Visbeck <i>GEOMAR, Helmholtz Centre for Ocean Research Kiel, Germany</i>	Reflections & panel discussion
2	Guido Schmidt-Traub <i>Executive Director of the UN Sustainable Development Solutions Network, France</i>	Reflections & panel discussion
3	Kaisa Kosonen <i>Greenpeace International, The Netherlands</i>	Reflections & panel discussion
4	Prof. Dr. Hans-Otto Pörtner <i>Alfred Wegener Institute, Germany & Co-chair of the IPCC WGII</i>	Reflections & panel discussion