

Tuesday, 5th October 2021

08:00	● Registration	Foyer
	Welcoming speeches and opening	H03/04
09:00	● Prof. Oliver Günther – president of the University of Potsdam, Germany	
09:10	● Dr. Astrid Evers – Deutsche Forschungsgemeinschaft (DFG), Germany	
09:20	● Keynote Speech "Disastrous river floods in a changing environment"	H03/04
	Prof. Bruno Merz – German Research Centre for Geosciences GFZ, Germany	
10:05	● Coffee break	Foyer

	Session 1 „Impact of land degradation, drought and wildfires on ecosystem services“ Convener: PD Dr. Kirsten Thonicke – PIK Potsdam Jennifer von Keyserlingk – University of Potsdam	H02	Session 2 „Human contributions to climate risks“ Convener: Dr. Philip Bubeck Prof. Annegret Thielen Lisa Berghäuser – all University of Potsdam	H03/04
10:30	● Restoring ecosystem functions and services in drylands: challenges and chances Prof. Britta Tietjen – FU Berlin, Germany		● An artefact of the future: Globally consistent open-source multi-hazard impact assessment Prof. David N. Bresch – ETH Zürich, Switzerland	
11:00	● Climate Change, dietary shift, and traditional norms in the western Himalayan region Suraj Das – IIT Rorkee, India		● Global indirect impacts of extreme flood events Samuel Juhel – CIREC, France	
Short break for ventilation				
11:25	● Do Droughts Drive Deforestation? Evidence from Mozambique Prof. Andrew Hobbs – University of San Francisco, USA		● Monetary loss reduction due to flood early warning PD Dr. Heidi Kreibich – German Research Centre for Geosciences GFZ, Germany	
11:45	● Country-wide statistical modelling of flow variability impact on the riverine macroinvertebrates in Poland Agata Keller – Warsaw University of Life Sciences, Poland		● Mapping the characteristics and conditions of path dependency: Re- and deconstructing the 1980–2020 flood risk management in the Aist and Enns river regions in Austria Dr. Thomas Thaler – University of Natural Resources and Life Sciences, Vienna, Austria	
12:05	● Easy-to-use diagnostics of mean-term drought vulnerability Prof. Gunnar Lischeid – ZALF Müncheberg, Germany		● Forecast-based operation of blue-green roofs as a new solution to decrease the impact of extreme weather in cities Tim Busker – Vrije Universiteit (VU) Amsterdam, the Netherlands	

12:30	● Lunch	Mensa
13:30	● Keynote speech "The Evidentiary Basis for Equitable Risk Reduction in an Era of Increasing Disaster Risk Inequality"	H03/04
	● Prof. Susann Cutter – University of South Carolina, USA	
14:15	● Short break	

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	Session 3 „Floods and storms“ H03/04 Convener: <i>Prof. Axel Bronstert – University of Potsdam</i> <i>Prof. Ankit Agarwal – IIT Rorkee</i>	Session 5 „Geomorphological events“ H02 Convener: <i>Prof. Oliver Korup,</i> <i>Lisa Luna,</i> <i>Elisabeth Schönfeldt – all University of Potsdam</i>
14:25 ●	Accounting for tropical cyclones more than doubles the global population exposed to low-probability coastal flooding <i>Job C.M. Dullaart – Vrije Universiteit (VU) Amsterdam, the Netherlands</i>	Detection, Observation, and Early Warning of Catastrophic Flow Events Using Regional Seismic Networks <i>Dr. Kristen L. Cook – German Research Centre for Geosciences GFZ, Germany</i>
14:55 ●	Trends in Seasonality and Flood Timings Over Kenya  <i>Maureen Anyango Wanzala – University of Reading, UK</i>	Insights on rockslide collapse mechanism from pre-event cracking <i>Sophie Lagarde – German Research Centre for Geosciences GFZ, Germany</i>
Coffee break		
15:45 ●	Nature-based solutions and global coastal flood risk estimates <i>Timothy Tiggeloven – Vrije Universiteit (VU) Amsterdam, the Netherlands</i>	Landslide inventories are incomplete. Can we still use them to make forecasts?  <i>Lisa Victoria Luna – University of Potsdam, Germany</i>
16:05 ●	Impacts of extreme wind speeds and other factors on vegetation disturbances in the German railway network <i>Henrike Lorenz – FU Berlin, Germany</i>	Debris flows induced by Multiple Occurrence Regional Landslides Events in the Colombian Andes <i>Prof. Edier Vicente Aristizába – Universidad Nacional de Colombia, Colombia</i>
16:25 ●	Detecting changing flood generating mechanisms in long records from reference hydrological sites  <i>Prof. Paul H. Whitfield – Centre for Hydrology, University of Saskatchewan, Canada</i>	Defining criteria for the formation of landslide induced tsunamis in elongated and narrow water bodies <i>Katrin Dohmen – TU Berlin, Germany</i>
16:45 ●	 PICO Presentations of online posters of sessions 1, 2, 3	
17:00 ●	Poster sessions 1, 2, 3 Foyer	
19:00 ●	Conference dinner	

Wednesday, 6th October 2021

09:00 ● **Keynote speech: “The volcanic hazard of distributed volcanic fields - the example of the Eifel, Germany”** H03/04

Prof. Torsten Dahm – German Research Centre for Geosciences GFZ, Germany

09:45 ● **Short break**

	Session 4 H03/04 „Causes, impact and mitigations of earthquakes, tsunamis and volcanoes in an urban changing world“ Convener: <i>Prof. Fabrice Cotton</i> <i>Dr. Danijel Schorlemmer – both German Research Centre for Geosciences GFZ</i>	Session 6 H02 „Analysis of complex changing systems“ Convener: <i>Dr. Tobias Sieg</i> <i>Dr. Ugur Öztürk – both University of Potsdam</i>
09:55 ●	An Open European Seismic Risk Model (ESRM20)  <i>Dr. Helen Crowley – Eucentre, Italy</i>	A typology of compound weather and climate events  <i>Dr. Jakob Zscheischler – University of Bern, Switzerland</i>
10:25 ●	Testing physics and statics based hybrid ETAS models <i>Shubham Sharma – University of Potsdam, Germany</i>	Wintertime Compound Climate Extremes in North America and Europe  <i>Prof. Gabriele Messori – Uppsala University, Sweden</i>
Coffee break		
11:15 ●	 A novel physics-based and statistical forecast model for induced seismicity <i>Dr. Mauro Cacace – German Research Centre for Geosciences GFZ, Germany</i>	Multi-hazard risk and the asynergies of disaster risk reduction measures: the need for an integrated approach <i>Dr. Marleen C. de Ruiter – Vrije Universiteit Amsterdam, the Netherlands</i>
11:35 ●	The use of high-resolution building exposure models: earthquake damage scenario for the city of Cologne, Germany <i>Dr. Cecilia Nieves – German Research Centre for Geosciences GFZ, Germany</i>	Integrating network analysis and sequential pattern mining to assess drought compound and cascading impacts <i>Dr. Mariana Madruga de Brito – Helmholtz Centre for Environmental Research UFZ, Germany</i>
11:55 ●	Scenario-based multi-risk assessment for consecutive earthquakes and tsunamis in Lima, Peru <i>Juan Camilo Gomez Zapata – German Research Centre for Geosciences GFZ, Germany</i>	Projections of global urban land cover growth <i>Manon Glockmann – PIK Potsdam, Germany</i>
12:15 ●	 PICO Presentations of online posters of sessions 4, 5, and 6	

12:30 ● **Lunch** Mensa

13:30 ● **Poster session 4, 5, and 6 (incl. coffee)** Foyer

15:00 ● **Keynote speech: “Leveraging satellite data to inform multi-scale landslide hazard assessment”** H03/04

 *Dr. Dalia Kirschbaum – NASA, USA*

15:45 ● **Discussion and Goodbye** H03/04