



Tuesday, 5th October 2021

- 08:00 ● Registration
- Welcoming speeches and opening**
- 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”**
Prof. Bruno Merz – German Research Centre for Geosciences GFZ, Germany
- 10:05 ● Coffee break

	Session 1	Session 2
	„Impact of land degradation, drought and wildfires on ecosystem services“ Convener: PD Dr. Kirsten Thonicke – PIK Potsdam Jennifer von Keyserlingk – University of Potsdam	„Human contributions to climate risks“ Convener: Dr. Philip Bubeck Prof. Annegret Thielen Lisa Berghäuser – all University of Potsdam
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 – CIRED, France
Short break for ventilation		
11:25 ●	Do Droughts Drive Deforestation? Evidence from Mozambique Prof. Andrew Hobbs – University of San Francisco, US	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
- 13:30 ● **Keynote speech “The Evidentiary Basis for Equitable Risk Reduction in an Era of Increasing Disaster Risk Inequality”**
Prof. Susann Cutter – University of South Carolina, USA
- 14:15 ● Short break

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	Session 3 „Floods and storms“ Convener: <i>Prof. Axel Bronstert – University of Potsdam</i> <i>Prof. Ankit Agarwal – IIT Rorkee</i>	Session 5 „Geomorphological events “ Convener: <i>Prof. Oliver Korup,</i> <i>Lisa Luna,</i> <i>Elisabeth Schönfeldt – all University of Potsdam</i>
14:25	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>	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	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>	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	
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"**

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

09:45 ● **Short break**

	Session 4 „Causes, impact and mitigations of earthquakes, tsunamis and volcanoes in an urban changing world“ Convener: <i>Prof. Fabrice Cotton – GFZ Potsdam</i>	Session 6 „Analysis of complex changing systems“ Convener: <i>Dr. Tobias Sieg</i> <i>Dr. Ugur Örzürk – 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>
Short break for ventilation		
10:50 ●	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>
11:10 ●	The use of high-resolution building exposure models: earthquake damage scenario for the city of Cologne, Germany <i>Dr. Cecilia Nievas – 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>
11:30 ●	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>
11:50 ●	PICO Presentations of online posters of sessions 4, 5, and 6	

12:20 ● **Lunch**

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

15:00 ● **Keynote speech: "Leveraging satellite data to inform multi-scale landslide hazard assessment"**

📺 *Dr. Dalia Kirschbaum – NASA, USA*

15:45 ● **Discussion and Goodbye**