

International Conference on Natural Hazards and Risks in a Changing World

4.-5. October 2018, University of Potsdam

NatRiskChange



Poster contributions on Thursday

Session 1: Floods and Droughts

	First Name	Name	Title of the poster
1	Arthur	Costa Tomaz de	Characterizing the precipitating systems in Ceará - Brazil
2	Christian	Kofler	Periglacial hazard assessment based on a rock glacier inventory - a case study for South Tyrol, Italy
3	Najibullah	Loodin	Analysis and Forecasting of Floods for the Downstream of Kunduz River Basin in Afghanistan
4	Jose Andres	Lopez-Tarazon	The application of an index of connectivity as a proxy for flooding risk assessment in a Mediterranean alluvial plain
5	Lucy	Mtilatila	Hydrological changes in Lake Malawi catchment
6	Maria Emilia	Novo	BINGO PROJECT: Impacts of Climate Change on Lower Tagus Aquifers
7	Noelia	Otero	Impacts of atmospheric blocking on extreme air pollution over Europe: Implications under climate change
8	Erwin	Rottler	Changes in Rhine flood seasonality due to climate change
9	Hosein	Saremi	Climate Hazard Dust in Iran
10	Bouabdeli	Senna	Past and future drought in Northwestern Algeria: Case of Beni dam catchement
11	Enrique	Soriano Martín	Quantification of the impact of climate change on flow peaks and hydrograph volumes for hydrological dam design and safety
12	Klaus	Vormoor	Climate change induced modifications of Nordic flood regimes
13	Cevza Melek	Kazezilmaz-Alhan	Flood Modeling of Kağıthane River Basin in Istanbul, Turkey

Session 2: Geophysical Hazards

14	Artem	Krylov	Some peculiarities of marine seismic hazard assessment: seismic records processing and strong motion simulation
15	Sansar Raj	Meena	Designing the structure of web based Nepalese landslide information system
16	Hamidatou Mouloud	Mouloud	Seismic activity in Algeria
17	Mohammed	Safwan	Predicting future Soil Erosion and Runoff by using WEPP Model in Lattakia - Syria
18	Max	Schneider	Modelling PNW Seismicity with HIST-ETAS: Towards Improved Aftershock Forecasting
19	Hasan	Sharifi	InSAR Time Series Analysis for Deriving the Landslide Kinematics in Nepal from ALOS-I Data

20	Sebastian	Specht	A regionalized strain-rate based seismicity model for subduction zones
21	Anne	Strader	Characterizing Long-Term Background Seismicity Rates: Testing the Integration of Strain Rate Data in Global and European Seismicity Models
22	Magdalena Stefanova	Vassileva	Differential SAR Interferometry for earthquake source modeling: 29 March 2017 Kamchatka earthquake case study
23	Nyetiobong	William	Gully Morphological Dynamics, Topographic elevation and Soil in Parts of Akwa Ibom State Sub-catchments of Qua Iboe River basin
24	Cenk	Alhan	Use of synthetic pulse models for assessing near-fault earthquake behavior of base-isolated buildings considering lead core heating

Session 3: Linking Hazard and Vulnerability

25	Nairwita	Bandyopadhyay	Impact of Mitigation Policy on Drought Vulnerability and Risk Reduction
26	Anna	Heidenreich	Evaluating an private flood protection education programme
27	Paul	Hudson	An evaluation and monetary assessment of the impact of flooding on subjective well-being across genders in Vietnam
28	Robert	Jüpner	Resilience in flood risk management - ideas and approaches
29	Jonas	Laudan	Flash floods compared to river floods • psychological impacts and implications on precautionary behaviour
30	Vidal Merino	Mariana	Archetypes of Climate Vulnerability: a Mixedmethod Approach Applied in the Peruvian Andes
31	Johanna	Mård	Exploring human response to floods using satellite data
32	Elena	Mondino	Changes in risk perception over time: Longitudinal evidence in the North-eastern Italian Alps
33	Van Khanh Triet	Nguyen	Has dyke development in the Vietnamese Mekong Delta shifted flood hazard downstream?
34	Sadeeb Simon	Ottenburger	Direct and indirect Vulnerability analysis framework for decentralized Power Systems
35	Marco	Pilz	Linking hazard and vulnerability: Structural health monitoring of hydropower dams and surrounding slopes in the Kyrgyz Republic
36	Moh	Ravankhah	An Indicator-based Approach to Link Vulnerability and Hazard in Risk Assessment for Cultural Heritage Sites

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Poster contributions on Friday

Session 4: Modelling and Data

37	Georgy	Ayzel	Merging competitive runoff modeling approaches for assessing freshwater inflow into the Small Aral Sea
38	Irene	Crisologo	Using quality filters to improve the comparison of space-borne and ground-based radar
39	Samuel	Eberenz	A globally consistent tropical cyclone impact model
40	Lisei	Köhn-Reich	Can the Indian summer monsoon be predicted in early May from coupled atmosphere-ocean models, and is there any improvement from recent modeling?
41	Viet Dung	Nguyen	Large-scale derived flood frequency analysis for Germany based on weather generator and hydrological modelling
42	Jan	Nitzbon	Modelling Rapid Changes in Ice-rich Permafrost Landscapes
43	Rudra Mohan	Pradhan	Distribution of uranium in groundwater in crystalline basement aquifers of Ambaji region (Dhanpura-Kanpura-Ghoda), North Gujarat, India
44	Cristina	Prieto	Improving real time flood forecasting in catchments with rapid using bayesian approach
45	Guilherme	Samprogna Mohor	COMPARING SIGNIFICANT DIFFERENCES AMONG DATA FROM AFFECTED HOUSEHOLDS BY DIFFERENT FLOOD TYPES
46	Judith	Schicks	The diminishing stabilizer: the impact of natural gas hydrates on the geo-mechanical properties of marine sediments
47	Stefano	Terzi	System Dynamics Modelling for mountain water management and climate change adaptation
48	Kristin	Vogel	Learning Bayesian Networks for Natural Hazard Assessments
49	Dadiyorto	Wendi	Quantification of recurring flood dynamics

Session 5: Exposure and Risk Management

50	Samir	Al-Gamal	FLASH FLOOD HAZARD ON NUCLEAR AND NON-NUCLEAR INSTALLATIONS IN EGYPT
51	Mitja	Brilly	More room for water
52	Christoph	Gornott	Coping with climate change risks by tailor-made insurance solutions • A public-private success story
53	Masahiko	Haraguchi	Risk analysis of dzud (severe winter disasters) in Mongolia
54	Francis Jhun	Macalam	Impacts Of And Adaptation to Extreme Weather Events: A Household Perspective of Bay, Laguna
55	Ayse Duha	Metin	Attributing reductions in flood losses to improvements in risk management

56	Inom	Normatov	Monitoring of emergencies associated with meteorological conditions in the Zeravshan river basin of the Tajikistan
57	Nivedita	Sairam	Transferability of probabilistic flood loss models- a case study with Empirical and Synthetic flood loss data from Germany and UK

Session 6: Data Science and Information Systems

58	Ankit	Agarwal	Unravelling the spatial diversity of Indian rainfall teleconnections using event synchronization-based multiscale nonlinear method
59	Punit Kumar	Bhola	Dynamic Risk Mapping in Fluvial Flood application using a two-dimensional Hydrodynamic Model Incorporating the Model Parameter Uncertainties
60	Fabio	Brill	Data mining and model development for predicting flood-induced structural damage
61	Taylor	Smith	Decadal trends in the timing of the snowmelt season in High Mountain Asia
62	Max	Steinhausen	Probabilistic multi-variable flood loss modeling with BN-FLEMOps in the German Danube Basin
63	Thomas	van der Pol	An Applied Comparison of Quantitative Decision-Support Methods for the Efficient and Robust Protection of the German Baltic Sea Coast against Flooding

Session 7: Cascade and Multi-Hazard

64	Robert	Behling	Remote sensing time series analysis for identifying spatiotemporal landslide activity in multihazard environments
65	Youmin	Chen	Using WRF model to simulate how the global warming influences the extreme storm in China and the validation of CORDEX products in the East Asia
66	Anette	Ganske	The combined influence of wind speed and wind direction on the flooding of the German North Sea Coast
67	Stephanie	Olen	Assessment of Sentinel-1 C-band SAR data for mapping potentially affected areas following natural hazards
68	Boris F.	Prahl	Unraveling the contribution of storm-surges, sea-level, and urban growth in the future flood-damage response of urban settlements
69	Jobst	Wurl	The influence of the Pacific Decadal Oscillation PDO on the summer rain and the incidence of Tropical Systems in Baja California Sur, Mexico, under the effect of Climate Change.