

Scientific program Monday 11th May

10:30-12:30: Session: Risk Governance & Policies (1/2)

Keynote: Karin Zettelmann, BMI (Austria)

Keynote: Anne Britt Leifseth, NWE (Norway)

Chair: Florian Rudolf-Miklau (Austria)

Orals	
Presenter	Title
Arthur Kanonier (AUSTRIA)	The role of spatial planning regulations within natural hazard management in Austria
Lydia Pedoth (ITALY)	Knowledge and perception of natural hazards: results from population surveys to innovate risk communication
Franz Sinabell (AUSTRIA)	Regional economy effects of disaster risk reduction investments
Alexandra Kessler (SWITZERLAND)	Contingency planning - A national guideline

13:30-14:30: Session: Risk Governance & Policies (2/2)

Keynote to be confirmed

Chair: Lydia Pedoth (Italy)

Orals	
Presenter	Title
Michael Bründl (SWITZERLAND)	Evaluation of the Extraordinary Avalanche Situation in January 2018 in Switzerland
Gian Reto Bezzola (SWITZERLAND)	Local natural hazard advisors – a concept and its implementation

14:30-15:30: Poster session & Coffee

15:30-17:00: Student Paper Award

Chair: Niki Beyer Portner (Switzerland)

Presentation of 5 nominees	
Student	Title
Erin Lindsay (NORWAY)	Jølster landslide event inventory
Shoki Takayama (JAPAN)	A field study of landslide dam outbursts following progressive failure in the Ashiaraidani basin
Andrea Franco (AUSTRIA)	Dynamics and geomorphological analysis of the Taan Fiord 2015 tsunamigenic landslide
Francesc Molné (SWITZERLAND)	River morphology and sediment transport processes numerical modelling applied to the fluvial environment of the Rhône River in Valais
Bernhard Elsner (AUSTRIA)	Automated delineation of large-scale landslides based on high-resolution digital terrain models

Scientific program Tuesday 12th May

08:30-10:30: Session: Data Acquisition & Modelling (1/2)

Keynote: Hervé Colleuille, NEW (Norway)

Chair: Paolo Simonini (Italy)

Orals	
Presenter	Title
Salvador Peña Haro (SWITZERLAND)	Image-based flow measurements in wide rivers using a multi-view approach.
Adrian Lindermuth (AUSTRIA)	Applicability of analytical hydraulic approaches for operating an inlet structure of an offline flood retention basin – analyses with FLOW-3D and a physical scale model
José Acuna (NORWAY)	Vertical groundwater movement identification through Distributed Heat Tracing Tests. Case of Åknes, Norway.
José Acuna (NORWAY)	Groundwater recharge and discharge in the Åknes rockslide – constraining uncertainties for the development of a numerical groundwater flow model
Johannes Kammerlander (AUSTRIA)	Application of new, area-wide hydrologic data in precipitation / runoff modelling of torrent catchments
Bernhard Gems (AUSTRIA)	Interaction of fluvial hazard processes and buildings at a debris cone – modelling demand, related challenges and consequences for impact assessment
Lorenzo Brezzi (ITALY)	Image processing techniques for grain size analysis of coarse soils

10:30-11:30: Poster session & Coffee**11:30-12:30: Session: Data Acquisition & Modelling (2/2)**

Chair: Hege Hisdal (Norway)

Orals	
Presenter	Title
Takahiko Nagayama (JAPAN)	Active sediment control with a shutter and monitoring of sediment runoff in Jo-Gan-Ji River
Nina Marlovits (AUSTRIA)	Simulation of cascading landslides: a combination of models for fall and flow processes
Andrea Bachmann and Jürg Speerli (SWITZERLAND)	Physical modelling of debris flows to analyse the influence of a cascade on the flow behaviour and consequences on protection measures
Wolfgang Straka (AUSTRIA)	Large-scale hydro-geological characterization of flow systems in an alpine region (Northern Tyrol, Austria)

13:30-15:00: Session: Hazard & Risk Assessment (1/3)

Keynote: Karl Kleemayr, BFW (Austria)

Chair: Stefan Margreth (Switzerland)

Orals	
Presenter	Title
Marie Keiding (DENMARK)	Mapping the risk of large rock avalanches in Greenland
Yasuhiro Nomura (JAPAN)	Japanese approaches of early-warning for sediment disasters using rainfall indices with radar observation
Matthias Jakob (CANADA)	Projected Climate Change Effects on Shallow Landslides, North Shore Mountains, Vancouver, Canada
Adrian Ringenbach (SWITZERLAND)	Rockfall Experiments in Forests: Influence of Rock-Shape and Deadwood

15:30-17:00: Session: Hazard & Risk Assessment (2/3)

Chair: Lars Harald Blikra (Norway)

Orals	
Presenter	Title
Mathilde B. Sørensen (NORWAY)	What is the potential for earthquake-triggered landslides in Norway?
Philippe Schoeneich (FRANCE)	The PermaRisk project - Emerging hazards due to mountain permafrost degradation in the French Alps
Thierry Oppikofer (NORWAY)	Rock avalanches in Norway - first complete hazard map in the county of Møre & Romsdal
Heidi Bache Stranden (NORWAY)	Xgeo.no – A decision-support tool for assessing geohazards
Luuk Dorren (SWITZERLAND)	Comparing nets and forests for rockfall risk reduction along the Gotthard highway using cost-benefit-analysis and net present values
Heidi Hefre (NORWAY)	Towards an “industry standard” for hazard mapping in Norway: Challenges faced

Scientific program Thursday 14th May**08:00-09:30: Session: Hazard & Risk Assessment (3/3)**

Chair: Heidi Hefre (Norway)

Orals	
Presenter	Title
Nicolas Steeb (SWITZERLAND)	WoodFlow project
Paul Osman (UNITED STATES)	Flood Loss Reduction in the State of Illinois. A Model for Success in the U.S.A.
Gernot Koboltschnig (AUSTRIA)	Evaluation of river Gail flood retention system after the flood 2018: experiences and limits
Markus Eckerstorfer (NORWAY)	Near-real time automatic snow avalanche monitoring using sentinel-1 radarsatellite data in Norway
Rudi Mair (AUSTRIA)	Project ALBINA: A consistent and multilingual cross-border avalanche forecasting system
Peter Bebi (SWITZERLAND)	Effects of forest management on avalanche hazard in Jølster/Western Norway

09:30-10:30: Poster session & Coffee

10:30-12:00: Session: Hazard & Risk Mitigation (1/2)

Keynote: Mark Adamson, OPW Ireland & EU WG Floods (Ireland)

Chair: Didier Richard (France)

Orals	
Presenter	Title
Thomas Egli (SWITZERLAND)	Integration of natural hazards in the Swiss Standard "Actions on Structures"
Antoine Magnollay (SWITZERLAND)	Swiss surface runoff risk map – Practical implementation
Kuang Jung Tsai (TAIWAN)	Extreme Rainfall Induced Reservoir Environmental Change Evaluated by Hydraulic Modelling Simulation in Taiwan
Claudia Sauermoser (AUSTRIA)	Evaluation and adaption of existing protection measures to the Austrian Standards at the Poellinger torrent

12:00-13:00: Lunch

13:00-14:00: Session: Hazard & Risk Mitigation (2/2)

Chair: Claudia Sauermoser (Austria)

Orals	
Presenter	Title
Guillaume Pitton (FRANCE)	Driftwood and Hybrid Debris Barrier Interactions: Process of Trapping and Prevention of Releases during Overtopping
Dominique Laigle (FRANCE)	Monitoring dedicated to the set up of an alert system for landslide triggered debris flows: the Valloire case study (Savoie, France)
Lorenz Meier (SWITZERLAND)	Long-term Monitoring in Bondo: over two Years of Permanent Radar Measurements at Piz Cengalo and seven Years with Debris Flow Alarm System
Ulrich Pulg (NORWAY)	Improving flood control and ecological status? Eco-friendly flood control methods and how to apply them.

14:00-14:30: Student Paper Award – Presentation of winner

Chair: Kurt Rohner & Francesco Comiti

14:30-15:00: Closing ceremony – End of IP 2020