

4th Nov. 9:00-11:00			Session 4.1 Recent Development in Physical Modeling of Landslides				
			Convener: Katsuo Sasahara (sasahara@kochi-u.ac.jp) & Binod Tiwari (btiwari@fullerton.edu)				
No.	Date	Time	Zoom name	Speaker	Country	Title	Presentation Mode
1	4 Nov.	9:00-9:15	T4-1 Rolando P Orense	Rolando P Orense	New Zealand	Application of magnetic tracking system in laboratory-scale rock avalanche model tests	Pre-recorded
2	4 Nov.	9:15-9:30	T4-2 Yanto	Yanto	Indonesia	A simple physically-based distributed translational landslide model	Onsite
3	4 Nov.	9:30-9:45	T4-3 Nobutaka Hiraoka	Nobutaka Hiraoka	Japan	Centrifuge Modelling of Slope Failure due to Groundwater during Excavation	Pre-recorded
4	4 Nov.	9:45-10:00	T4-4 Binod Tiwari	Binod Tiwari	USA	Experimental Studies on the Effect of Vegetation Density to Change Underground Seepage Rate and Stability of Slopes	Onsite
5	4 Nov.	10:00-10:15	T4-5 Jonathan M Carey	Jonathan M Carey	USA	Experimental Studies on the Effect of Vegetation Density to Change Underground Seepage Rate and Stability of Slopes	online
6	4 Nov.	10:15-10:30	T4-6 Dongri Song	Dongri Song	China	Basal Stresses of Debris Flow in Instrumented Flume	Pre-recorded
7	4 Nov.	10:30-10:45	T4-7 Clarence Choi	Clarence Choi	China	Landslide Growth: Collisions and Contractile Skins	Online Virtual
8	4 Nov.	10:45-11:00	T4-8 Anthony Leung	Anthony Leung	Hong Kong SAR, China	Innovative Use of Thermo-Active Pile Row in Unsaturated Soil Slopes	Pre-recorded
Break		11:00-11:15					
4th Nov. 11:15-12:30			Session 4.2 Recent Development in Numerical Modeling of Landslides				
			Convener: Deepak Raj Bhat (deepakbhat@okuyama.co.jp) & Beena Ajmera (beena.ajmera@ndsu.edu)				
9	4 Nov.	11:15-11:30	T4-9 Daniel Pradel	Daniel Pradel	USA	Numerical Modelling for Slope Stabilizations in Modern Geotechnical Practice	Online/Pre-recorded
11	4 Nov.	11:30-11:45	T4-11 Qiuhua Liang	Qiuhua Liang	UK	A coupled discrete element and depth-averaged model for flow-like landslide simulations	Pre-recorded
12	4 Nov.	11:45-12:00	T4-12 Martin Mergili	Martin Mergili	Austria	Advanced methods for simulating complex landslides	Pre-recorded
13	4 Nov.	12:00-12:15	T4-13 Laura Longoni	Laura Longoni	Italy	First test results from the SMART-SED simulation tool basin scale sediment yield model	Pre-recorded
Lunch		12:15-13:30					
4th Nov. 13:30-16:00			Session 4.2 Recent Development in Numerical Modeling of Landslides (continue)				
			Convener: Khang Dang (khangdq@gmail.com) & Beena Ajmera (beena.ajmera@ndsu.edu)				
14	4 Nov.	13:30-13:45	T4-14 Khang Dang	Khang Dang	Japan	Hazard assessment of a rainfall-induced deep-seated landslide in Hakha city, Myanmar	Online
15	4 Nov.	13:45-14:00	T4-15 Doan Huy Loi	Doan Huy Loi	Japan	Landslide hazard zoning based on the integrated simulation model (LS-Rapid)	Pre-recorded
16	4 Nov.	14:00-14:15	T4-16 Akihiko Wakai	Akihiko Wakai	Japan	Numerical simulation of a creeping landslide case in Japan	Online/Pre-recorded
17	4 Nov.	14:15-14:30	T4-17 Takashi Kitazume	Takashi Kitazume	Japan	Numerical simulation of debris flows after ash fall at Mt. Fuji	Onsite
18	4 Nov.	14:30-14:45	T4-18 Thirapong Pipatpongsa	Thirapong Pipatpongsa	Japan	On the progression of slope failures using inverse velocity of surface movements in an undercut slope model	Onsite
19	4 Nov.	14:45-15:00	T4-19 Mario Martinelli	Mario Martinelli	Netherlands	Rainfall boundary condition in a multiphase Material Point Method	Online
20	4 Nov.	15:00-15:15	T4-20 Hitoshi Nakase	Hitoshi Nakase	Japan	Reproduction of Sedimentation State during Rock Slope Failure Using the Simplified DEM Model	Onsite

21	4 Nov.	15:15-15:30	T4-21 Matjaž Mikoš	Matjaž Mikoš	Slovenia	An extreme May 2018 debris flood case study in northern Slovenia: analysis, modelling, and mitigation	Onsite
22	4 Nov.	15:30-15:45	T4-22 Chaojun Ouyang	Chaojun Ouyang	China	Numerical modeling of dynamic process and risk prediction of recent catastrophe landslides	Online Virtual
23	4 Nov.	15:45-16:00	T4-23 Shuji Moriguchi	Shuji Moriguchi	Japan	Sensitivity Analysis of DEM Parameters in Granular Flow Simulations	Online Virtual
<b>5th Nov. 9:00-10:45</b>			<b>Session 4.3 Recent Development in Soil and Rock Testing Techniques, Application and Analysis Methods</b>				
			<b>Convener: Sabatino Cuomo (scuomo@unisa.it) &amp; Netra Prakash Bhandary (netra@ehime-u.ac.jp)</b>				
24	5 Nov.	9:00-9:15	T4-24 Binod Tiwari	Binod Tiwari	USA	Recent Developments in the Evaluation and Application of Residual and Fully Softened Shear Strengths for the Stability Analyses of Landslides	Onsite
25	5 Nov.	9:15-9:30	T4-25 Deepak Raj Bhat	Deepak Raj Bhat	Japan	Shearing rate effect on residual strength of typical clay soils in ring shear test	Onsite
26	5 Nov.	9:30-9:45	T4-26 Sabatino Cuomo	Sabatino Cuomo	Italy	Simple shear tests for unsaturated soils	Onsite
27	5 Nov.	9:45-10:00	T4-27 Beena Ajmera	Beena Ajmera	USA	Simplest Methods of Determining Dynamic Soil Properties for Use in Co-seismic Hazard Analysis	Onsite
28	5 Nov.	10:00-10:15	T4-28 Shenghua Cui	Shenghua Cui	China	Liquefaction within Bedding Fault: New Understanding of the Initiation and Movement of Daguangbao Landslide Triggered by the 2008 Wenchuan Earthquake ( $M_w=8.0$ )	Pre-recorded
29	5 Nov.	10:15-10:30	T4-29 Netra Prakash Bhandary	Netra Prakash Bhandary	Japan	Residual-state ring shear creep tests on clayey materials and development of creep failure model	Onsite
30	5 Nov.	10:30-10:45	T4-30 Jakub Roháč	Jakub Roháč	Czech Republic	Challenges in Evaluating Shear-Rate Effects in Soils	Online
31	5 Nov.	10:45-11:00	T4-31 Satoshi Goto	Satoshi Goto	Japan	Monotonic and Cyclic Behaviour of Tephra Layer Landslide at Takanodai from the 2016 Kumamoto Earthquake	Onsite
Break		11:00-11:10					
<b>5th Nov. 11:10-12:40</b>			<b>Session 4.4 Recent Advancements in the Methods of Slope Stability and Deformation Analyses</b>				
			<b>Convener: Jiawei Xu (xu.jiawei.38z@st.kyoto-u.ac.jp) &amp; Binod Tiwari (btiwari@fullerton.edu)</b>				
32	5 Nov.	11:10-11:25	T4-32 Timur Ersöz	Timur Ersöz	Turkey	Slope Stability Assessment of Weak and Weathered Rocks with BQ System	Onsite
33	5 Nov.	11:25-11:40	T4-33 Elizabeth A Holcombe	Elizabeth A Holcombe	UK	Soil databases to assist slope stability assessments in the Eastern Caribbean	Pre-recorded
34	5 Nov.	11:40-11:55	T4-34 Ran LI	Ran LI	China	Failure mechanism of a flow-like landslide triggered by the 2018 Western Shimane Earthquake	Pre-recorded
35	5 Nov.	11:55-12:10	T4-35 Saaduddin	Saaduddin	UK	The Mt Gamalama instability level in generating landslide-induced tsunami in Ternate Island, Indonesia	Onsite
36	5 Nov.	12:10-12:25	T4-36 Jiawei Xu	Jiawei Xu	Japan	Seepage and deformation of unsaturated slope during post-earthquake rainfall	Onsite
37	5 Nov.	12:25-12:40	T4-37 Jan Jerman	Jan Jerman	Czech Republic	3D analysis of settlement and stability of the open-cast coal mine landfill: Bílina mine case	Online
Lunch		12:40-13:30					
<b>5th Nov. 13:30-17:00</b>			<b>Session 4.5 Recent Development in Disaster Risk Assessment</b>				
			<b>Convener: Ryosuke Uzuoka (uzuoka.ryosuke.6z@kyoto-u.ac.jp) &amp; Giuseppe Mandrone (giuseppe.mandrone@unito.it)</b>				
38	5 Nov.	13:30-13:45	T4-38 Limin Zhang	Limin Zhang	China	Engineering Risk Mitigation for Landslide Hazard Chains: the Baige Landslides on the Jinsha River in 2018	Online Virtual
39	5 Nov.	13:45-14:00	T4-39 Shantanu Sarkar	Shantanu Sarkar	India	Engineering Geological Investigation and Slope Stability Analysis for Landslide Hazard Assessment in Indian Himalayas	Online

40	5 Nov.	14:00-14:15	T4-40 Giuseppe Mandrone	Giuseppe Mandrone	Italy	First considerations about post 2017 wildfire erosion response and debris flows in Susa valley (NW Italy)	Pre-recorded
41	5 Nov.	14:15-14:30	T4-41 Wahyu Wilopo	Wahyu Wilopo	Indonesia	Identification of Sliding Surface and Crack Pattern in the Soil Creep, Case Study: Unika Soegijapranata Campus, Semarang, Central Java, Indonesia	Online Virtual
42	5 Nov.	14:30-14:45	T4-42 Tina Peternel	Tina Peternel	Slovenia	Preliminary result of real-time landslide monitoring in the case of the hinterland of Koroška Bela, NW Slovenia	Online Virtual or Pre-recorded
43	5 Nov.	14:45-15:00	T4-43 Saskia de Vilder	Saskia de Vilder	New Zealand	Quantitative risk analysis of earthquake-induced landslides	Onsite or Online Virtual
Break		15:00-15:15					
44	5 Nov.	15:15-15:30	T4-44 Clarence E. Choi	Clarence E. Choi	Hong Kong SAR, China	Role of Remote Sensing Technology in Landslide Risk Management of Hong Kong	Online Virtual
45	5 Nov.	15:30-15:45	T4-45 Luqi Wang	Luqi Wang	China	Risk assessment of submerged rock mass in reservoir area	Pre-recorded
46	5 Nov.	15:45-16:00	T4-46 Panyabot Kaothon	Panyabot Kaothon	Republic of Korea	Prediction the Global Factor of Safety in Soil-Nailed Slope by A Simplified Method	
47	5 Nov.	16:00-16:15	T4-47 Keh-Jian Shou	Keh-Jian Shou	Chinese Taipei	On the Scale Effect of the Catchment Landslide Susceptibility with Consideration of Climate Change	Onsite
48	5 Nov.	16:15-16:30	T4-48 Jordi Corominas	Jordi Corominas	Spain	Fragmental rockfalls and the analysis of risk	Onsite or Online Virtual
49	5 Nov.	16:30-16:45	T4-49 Ratih Indri Hapsari	Ratih Indri Hapsari	Indonesia	Satellite Soil Moisture for Estimating Landslide Hazard	Online Virtual or Pre-recorded
50	5 Nov.	16:45-17:00	T4-50 Holger Pankrath	Holger Pankrath	Germany	Shaking table tests of small scaled slope models	Pre-recorded