

4th Nov. 9:00-10:30			Session 6.1 Impact of large ground deformations near seismic faults on critically important civil-infrastructures				
			Convener: Kazuo Konagai (kaz3776k@gmail.com) & Junji Kiyono (kiyono.junji.5x@kyoto-u.ac.jp)				
No.	Date	Time	Zoom name	Speaker	Country	Title	Presentation Mode
1	4 Nov.	9:00-9:15	T6-1 Kazuo Konagai	Kazuo Konagai	Japan	Recent earthquakes that hit areas covered and/or underlain by pyroclastic matters and their impacts on lifelines	Onsite
2	4 Nov.	9:15-9:30	T6-2 Alex Tang	Alex Tang	Canada	Lessons Learned – Landslide Induced Lifelines Disasters from Past Earthquakes	Onsite
3	4 Nov.	9:15-9:30	T6-3 Susumu Nakamura	Susumu Nakamura	Japan	Risk Assessment of Structural Damage for Rock Collision due to Earthquake-Induced Landslide	Onsite
4	4 Nov.	9:45-10:00	T6-4 Junji KIYONO	Junji KIYONO	Japan	Seismic response of buried pipeline to strong ground motion of strike-slip fault	Onsite
5	4 Nov.	10:00-10:15	T6-5 Vishnu Dangol	Vishnu Dangol	Nepal	Impact on Infrastructure by 2015 Gorkha Earthquake Induced Landslides	Onsite
6	4 Nov.	10:15-10:30	T6-6 Tara Nidhi Bhattarai	Tara Nidhi Bhattarai	Nepal	Reconstruction Strategies for Mw 7.8 Earthquake-induced Landslide-affected Settlements in Nepal	Online
7	4 Nov.	10:30-10:45	T6-7 Chih-Hsuan Liu	Chih-Hsuan Liu	Chinese Taipei	Relationship between Arias intensity and the earthquake-induced displacements of slopes	pre-recorded
Break	4 Nov.	10:30-10:45					
4th Nov. 10:45-12:30			Session 6.2 Recent Progress in the Landslide Initiating Science				
			Convener: Ikuo Towhata (towhata.ikuo.ikuo@gmail.com) & Yifei Cui (yifeicui@mail.tsinghua.edu.cn)				
8	4 Nov.	11:00-11:15	T6-8 Haijun Qiu	Haijun Qiu	China	Controls on landslide size: insights from field survey data	Onsite
9	4 Nov.	11:15-11:30	T6-9 Ikuo Towhata	Ikuo Towhata	Japan	Geologic and hydrologic investigations on slope failures triggered by extreme rainfall on Izu Oshima Island, Japan	Onsite
10	4 Nov.	11:30-11:45	T6-10 Yifei Cui	Yifei Cui	China	Investigation of internal erosion of wide grading loose soil – a micromechanics-based study	Online
11	4 Nov.	11:45-12:00	T6-11 Huayong Chen	Huayong Chen	China	Experimental study on formation and propagation of debris flow triggered by the glacial lake outburst flood	Onsite
12	4 Nov.	12:00-12:15	T6-12 Yan Yan	Yan Yan	China	Quantitative analysis of landslide processes based on seismic signals - a new method for monitoring and early warning of landslide hazards	Online
13	4 Nov.	12:15-12:30	T6-13 Amin Askarinejad	Amin Askarinejad	Netherlands	Water exfiltration from bedrock: a drastic landslide triggering mechanism	Online
Lunch 12:30-13:30							
4th Nov. 13:30-14:45			Session 6.3 Earth Observation and Machine Learning				
			Convener: Giulia Bossi (giulia.bossi@irpi.cnr.it)				
14	4 Nov.	13:30-13:45	T6-14 Christopher Gomez	Christopher Gomez	Japan	High-resolution point-cloud for Landslides in the 21st Century: from data acquisition to new processing concepts	Onsite
15	4 Nov.	13:45-14:00	T6-15 Daniele Giordan	Daniele Giordan	Italy	Automatized dissemination of landslide monitoring bulletins for early warning applications	Onsite
16	4 Nov.	14:00-14:15	T6-16 Giulia Bossi	Giulia Bossi	Italy	Detecting change of patterns in landslide displacements using machine learning, an example application	Online
17	4 Nov.	14:15-14:30	T6-17 Elahe Jamalnia	Elahe Jamalnia	Netherlands	Predicting rainfall induced slope stability using Random Forest regression and synthetic data	Online
18	4 Nov.	14:30-14:45	T6-18 Ivan Depina	Ivan Depina	Norway	Hybrid Analytics of Rainfall Infiltration with Physics-informed Neural Networks	Online
Break	4 Nov.	14:45-15:00					

4th Nov. 15:00-16:45			Session 6.4 General Landslide Studies				
			Convener: Zeljko Arbanas (zeljko.arbanas@gradri.uniri.hr) & Daisuke Higaki (a9024@n-koei.co.jp)				
19	4 Nov.	15:00-15:15	T6-19 Tonglu Li	Tonglu Li	China	Loess Stratigraphy and Loess Landslides in the Chinese Loess Plateau	Pre-recorded
20	4 Nov.	15:15-15:30	T6-20 Hermanns Reginald L	Hermanns Reginald L	Norway	Mapping, hazard and consequence analyses for unstable rock slopes in Norway	online
21	4 Nov.	15:30-15:45	T6-21 Martina Böhme	Martina Böhme	Norway	Landscape formation and large rock slope instabilities in Manndalen, northern Norway	online
22	4 Nov.	15:45-16:00	T6-22 Francis Rengers	Francis Rengers	USA	Landslides after wildfire: initiation, magnitude, and mobility	Pre-recorded
23	4 Nov.	16:00-16:15	T6-23 Peng Cui	Peng Cui	China	Disaster Risk Assessment of the Silk Road	Onsite or Online
24	4 Nov.	16:15-16:30	T6-24 Daisuke Higaki	Daisuke Higaki	Japan	Rehabilitation of gully-dominant hill slopes by using low-cost measures-a case study in Nepal	Onsite
25	4 Nov.	16:30-16:45	T6-25 Chinthaka Ganepola	Chinthaka Ganepola	Sri Lanka	Site Suitability Analysis for Nature-based Landslide Risk Mitigation	Pre-recorded
26	4 Nov.	16:45-17:00	T6-26 Jana Eichel	Jana Eichel	Netherlands	Biogeomorphic feedbacks between plants and mass movement processes in periglacial environments	Pre-recorded
5th Nov. 9:00-10:30			Session 6.4 General Landslide Studies (continue)				
			Convener: Lin Wang (wang@ckcnet.co.jp)				
27	5 Nov.	9:00-9:15	T6-27 Oleg V. Zerkal	Oleg V. Zerkal	Russia	Classification of Cryogenic Landslides and Related Phenomena (by Example of the Territory of Russia)	Onsite
28	5 Nov.	9:30-9:45	T6-28 Hiroshi P. Sato	Hiroshi P. Sato	Japan	Relation between horizontal direction of crustal deformation surveyed on the control points and area ratio of the slope failures triggered by the 2016 Kumamoto earthquake (Mj7.3)	Pre-recorded
29	5 Nov.	9:30-9:45	T6-29 Weile Li	Weile Li	China	Precursor of large rockslides and its application on landslide early detection	Online
30	5 Nov.	9:45-10:00	T6-30 Michiyo Nakashima	Michiyo Nakashima	Japan	Report on a landslide in Kyotango city, Kyoto prefecture	Onsite
31	5 Nov.	10:00-10:15	T6-31 Yasunori Katsume	Yasunori Katsume	Japan	Three-dimensional shape of mountainous landslide and the ground deformation caused by snow melting - Jin'nosuke-dani landslide, Mount Hakusan, Central Japan	Onsite
32	5 Nov.	10:15-10:30	T6-32 Yu Zhao	Yu Zhao	China	Measuring colloidal forces between clay microparticles with optical tweezers	Onsite
Break	5 Nov.	10:30-10:45					
5th Nov. 10:45-12:30			Session 6.5 The Japanese Geotechnical Society Sesssion				
			Convener: Kazunari Sako (sako@oce.kagoshima-u.ac.jp) & Noriyuki Yasufuku (yasufuku@civil.kyushu-u.ac.jp)				
33	5 Nov.	10:45-11:00	T6-33 Kazuya Yasuhara	Kazuya Yasuhara	Japan	Contribution of geotechnical engineering to climate change and IPCC	Online Virtual
34	5 Nov.	11:00-11:15	T6-34 Motoyuki Suzuki	Motoyuki Suzuki	Japan	Urgent issues and new suggestions for geo-disaster prevention in Japan	Onsite
35	5 Nov.	11:15-11:30	T6-35 Tatsuya Ishikawa	Tatsuya Ishikawa	Japan	Lessons from recent geo-disasters in Hokkaido under heavy rainfall	Onsite
36	5 Nov.	11:30-11:45	T6-36 Noriyuki Yasufuku	Noriyuki Yasufuku	Japan	Lessons from recent geo-disasters caused by heavy rainfall in recent years in Kyushu Island, Japan	Onsite
37	5 Nov.	11:45-12:00	T6-37 Shima Kawamura	Shima Kawamura	Japan	Lessons from recent geo-disasters in Hokkaido under earthquake	Onsite
38	5 Nov.	12:00-12:15	T6-38 Kiyonobu Kasama	Kiyonobu Kasama	Japan	Lessons from recent eqrthquake-induced Geo-disaster in Kyushu	Onsite
39	5 Nov.	12:15-12:30	T6-39 Kumiko Fujita	Kumiko Fujita	Japan	Starting International Joint Research for Landslide Disaster Risk Reduction: The Use of Japanese Warning Technology Considering the Social Differences in Sri Lanka and Japan	Onsite/Pre-recorded
5th Nov. 13:30-14:00			Session 6.5 The Japanese Geotechnical Society Sesssion (continue)				
			Convener: Kazunari Sako (sako@oce.kagoshima-u.ac.jp) & Noriyuki Yasufuku (yasufuku@civil.kyushu-u.ac.jp)				

40	5 Nov.	13:30-13:45	T6-40 Yamashita Yuichi	Yamashita Yuichi	Japan	Daily education for disaster risk reduction and victim support in disaster	Onsite
41	5 Nov.	13:45-14:00	T6-41 YongSu Kim	YongSu Kim	Japan	A Study For Improving Disaster Prevention Of Community	
Break	5 Nov.	14:00-14:15					
5th Nov. 14:15-15:15		Session 6.6. Landslide Remediation and Mitigation Studies					
		Convener: Kazuo Konagai (kaz3776k@gmail.com) & Sangjun Im (junie@snu.ac.kr)					
42	5 Nov.	14:15-14:30	T6-42 Stavroula Fotopoulou	Stavroula Fotopoulou	Greece	Towards a probabilistic performance-based methodology for the vulnerability assessment of buildings subjected to seismically induced landslides	Online or Pre-recorded
43	5 Nov.	14:30-14:45	T6-43 Jose A. Chavez	Jose A. Chavez	El Salvador	Slope Behavior Improvement of Partially-Saturated Pyroclastic in Data Scarse Regions	Pre-recorded
44	5 Nov.	14:45-15:00	T6-44 Vishnu Dangol	Vishnu Dangol	Nepal	Geotechnical Investigation for Landslide Stabilization Works in Narayanghat-Mugling Road, Central Nepal	Onsite
45	5 Nov.	15:00-15:15	T6-45 Christophe Balg	Christophe Balg	Switzerland	Applying over ten years of experience in debris flow barriers to examples in South Africa and India for permanent protection	Onsite
Break	5 Nov.	15:15-15:30					
5th Nov. 15:30-16:15		Korean Session in Theme 6					
		Convener: Kazuo Konagai (kaz3776k@gmail.com) & Sangjun Im (junie@snu.ac.kr)					
46	5 Nov.	15:30-15:45	T6-46 Lee Jin-Ho	Lee Jin-Ho	Republic of Korea	Development of Engineering Techniques for Exploring Land Creep Susceptible Zones in South Korea	Online
47	5 Nov.	15:45-16:00	T6-47 Namgyun Kim	Namgyun Kim	Republic of Korea	Stability analysis for cut-slope collapse by earthquake	Pre-recorded
48	5 Nov.	16:00-16:15	T6-48 Sangjun IM	Sangjun IM	Republic of Korea	Quantitative Evaluation of Erosion Control Dam on Sediment Trapping Efficiency with a Simulation Approach	Online