

4th Nov. 9:00-12:30			Session 3.1 Landslide monitoring and geophysical surveys					
			Convener: David Huntley (david.huntley@canada.ca) & Jan Klimes (klimes@irms.cas.cz)					
No.	Date	Time	Zoom Name	Speaker	Country	Title	Presentation Mode	
1	4 Nov.	9:00-9:20	T3-1 Paola Revellino	Paola Revellino	Italy	Defining kinematic and evolutive features of earth flows using integrated monitoring and low-cost sensors	Pre-recorded	
2	4 Nov.	9:20-9:35	T3-2 Jan Blahůt	Jan Blahůt	Czech Republic	Monitoring of thermoelastic wave within a rock mass coupling information from IR camera and crack meters: a 24-hour experiment on “Branická skála” Rock in Prague, Czechia	Onsite	
3	4 Nov.	9:35-9:50	T3-3 David Huntley	David Huntley	Canada	Field testing innovative differential geospatial and photogrammetric monitoring of a slow-moving landslide, south-central British Columbia, Canada	Pre-recorded	
4	4 Nov.	9:50-10:05	T3-4 Paolo Allasia	Paolo Allasia	Italy	The role of measure of deep-seated displacements in the monitoring networks on large-scale landslide	Pre-recorded	
5	4 Nov.	10:05-10:20	T3-5 Filip Hartvich	Filip Hartvich	Czech Republic	Multiinstrumental monitoring network Slopenet - new advances		
6	4 Nov.	10:20-10:35	T3-6 Lal Dinpuia	Lal Dinpuia	India	Slope Instabilities Analysis and Monitoring of Aizawl Landslide, Mizoram, Northeast India	Onsite	
7	4 Nov.	10:35-10:50	T3-7 JONGMANS Denis	JONGMANS Denis	France	Geophysical monitoring of landslides: state-of-the art and recent advances	Onsite	
8	4 Nov.	10:50-11:05	T3-8 Sebastian Uhlemann	Sebastian Uhlemann	USA	Geophysical monitoring of landslides – A step closer towards predictive understanding?	Onsite	
9	4 Nov.	11:05-11:20	T3-9 Jim Whiteley	Jim Whiteley	UK	Recent advances in high spatial resolution geophysical monitoring of moisture-induced landslides	Onsite	
10	4 Nov.	11:20-11:35	T3-10 Hao Luo	Hao Luo	China	Characteristic analysis of the Nayong rock avalanche based on the seismic signal	Pre-recorded	
11	4 Nov.	11:35-11:50	T3-11 Liang Feng	Liang Feng	Italy	Rockfall detection and early warning using micro-seismic monitoring	Online Virtual	
12	4 Nov.	11:50-12:05	T3-12 Yu Zhuang	Yu Zhuang	China	Electrical resistivity tomography (ERT) based investigation of two landslides in Guizhou, China	Pre-recorded	
13	4 Nov.	12:05-12:20	T3-13 Kiminori Araiba	Kiminori Araiba	Japan	Vibration of Piled Rocks - Which rock can be removed ?	Onsite	
14	4 Nov.	12:20-12:35	T3-14 Hong-Hu Zhu	Hong-Hu Zhu	China	Multi-parameter monitoring of landslides using a distributed fiber optic sensing system	Onsite	
		12:35-12:45	Discussion					
Lunch		12:30-13:30						
4th Nov. 13:30-15:45			Session 3.2 Remote sensing for landslide risk management					
			Convener: Veronica Tofani (veronica.tofani@unifi.it) & Martin Krkac (mkrkac@rgn.hr)					
15	4 Nov.	13:30-13:45	T3-15 Mihai Niculita	Mihai Niculita	Romania	LiDAR and UAV SfM for landslide monitoring	Onsite	
16	4 Nov.	13:45-14:00	T3-16 Paolo Mazzanti	Paolo Mazzanti	Italy	Recent developments in photomonitoring	Online Virtual	

17	4 Nov.	14:00-14:15	T3-17 Ko-Fei Liu	Ko-Fei Liu	Chinese Taipei	Debris flow detection with video camera	Online Virtual	
18	4 Nov.	14:15-14:30	T3-18 Giulia Tessari	Giulia Tessari	Switzerland	Comparison between PS and SBAS InSAR techniques in monitoring shallow landslides	Onsite or Online Virtual	
19	4 Nov.	14:30-14:45	T3-19 Ying Liu	Ying Liu	China	Remote sensing monitoring of landslides along highways	Onsite	
20	4 Nov.	14:45-15:00	T3-20 Anna Barra	Anna Barra	Spain	Sentinel-1 landslides detection: the Granada coast	Onsite	
21	4 Nov.	15:00-15:15	T3-21 Chaoying Zhao	Chaoying Zhao	China	Landslide Dynamic Deformation Monitoring with Sequential Least Squares Based SAR/InSAR techniques	Online Virtual	
22	4 Nov.	15:15-15:30	T3-22 David Bonneau	David Bonneau	Canada	Towards managing debris channel risks to infrastructure: Understanding debris processes using remotely sensed data.	Pre-recorded	
	4 Nov.	15:30-15:45	Discussion					
5th Nov. 9:00-12:30		Session 3.4 Forecasting models and time predictions of landslides						
		Convener: Katsuo Sasahara (sasahara@kochi-u.ac.jp) & Emanuele Intriari (emanuele.intriari@unifi.it)						
23	5 Nov.	9:00-9:15	T3-23 Maria Teresa Brunetti	Maria Teresa Brunetti	Italy	Regional approaches in forecasting rainfall-induced landslides	Online	
24	5 Nov.	9:15-9:30	T3-24 Graziella Devoli	Graziella Devoli	Norway	Seven years of landslide forecasting in Norway – strengths and limitations	Onsite or Online Virtual	
25	5 Nov.	9:30-9:45	T3-25 Hyuck-Jin Park	Hyuck-Jin Park	Republic of Korea	Probabilistic modelling of uncertainties in physically based landslide susceptibility assessment	Pre-recorded	
26	5 Nov.	9:45-10:00	T3-26 Veronica Tofani	Veronica Tofani	Italy	Characterization of hillslope deposits for physically-based landslide forecasting models	Onsite	
27	5 Nov.	10:00-10:15	T3-27 Judith Uwihirwe	Judith Uwihirwe	Netherlands	Landslide precipitation thresholds in Rwanda	Onsite	
28	5 Nov.	10:15-10:30	T3-28 Nikhil Nedumpallile Vasu	Nikhil Nedumpallile Vasu	UK	Methodology for developing a preliminary hydrological threshold for rainfall-induced landslides in Kuala Lumpur city, Malaysia	Onsite	
29	5 Nov.	10:30-10:45	T3-29 Brenda Rosser	Brenda Rosser	New Zealand	Development of a Rainfall-induced Landslide Forecast Tool for New Zealand	Online Virtual	
30	5 Nov.	10:45-11:00	T3-30 Naoki Iwata	Naoki Iwata	Japan	Influence of intervals measuring surface displacement on time prediction of slope failure using Fukuzono Method	Onsite	
31	5 Nov.	11:00-11:15	T3-31 Katsuo Sasahara	Katsuo Sasahara	Japan	Velocity and acceleration of surface displacement in sandy model slope with various slope conditions	Onsite	
32	5 Nov.	11:15-11:30	T3-32 Praveen Kumar	Praveen Kumar	India	Comparison of Moving-average, Lazy, and Information Gain Methods for Predicting Weekly Slope-movements: A Case-study in Chamoli, India	Pre-recorded	
33	5 Nov.	11:30-11:45	T3-33 Antoinette Tordesillas	Antoinette Tordesillas	Australia	New insights into the spatiotemporal precursory failure dynamics of the 2017 Xinmo landslide and its surrounds	Onsite	
34	5 Nov.	11:45-12:00	T3-34 Martin Krkač	Martin Krkač	Croatia	A comparative study of random forests and multiple linear regression in the prediction of landslide velocity	Onsite	
35	5 Nov.	12:00-12:15	T3-35 Adriaan van Natijne	Adriaan van Natijne	Netherlands	Machine Learning: Potential for Deep-Seated Landslide Nowcasting	Onsite or Online Virtual	
	5 Nov.	12:15-12:30	Discussion					

Lunch		12:30-13:30					
5th Nov. 13:30-16:30		Session 3.3 Landslide early warning systems					
		Convener: Michele Calvello (mcalvello@unisa.it) & Faisal Fathani (tfathani@ugm.ac.id)					
36	5 Nov.	13:30-13:45	T3-36 Gaetano Pecoraro	Gaetano Pecoraro	Italy	Definition and first application of a probabilistic warning model for rainfall-induced landslides	Pre-recorded
37	5 Nov.	13:45-14:00	T3-37 Katerina Kavoura	Katerina Kavoura	Greece	Establishment of an integrated landslide early warning and monitoring system in populated areas	Pre-recorded
38	5 Nov.	14:00-14:15	T3-38 Nguyen Duc Ha	Nguyen Duc Ha	Vietnam	An Integrated WebGIS System for Shallow Landslide Hazard Early Warning	Onsite
39	5 Nov.	14:15-14:30	T3-39 Adrian Wicki	Adrian Wicki	Switzerland	The value of soil wetness measurements for regional landslide Early Warning Systems	Onsite
40	5 Nov.	14:30-14:45	T3-40 John Singer	John Singer	Germany	Technical concepts for an early warning system for rainfall induced landslides in informal settlements	Online Virtual
41	5 Nov.	14:45-15:00	T3-41 Agus Setyo Muntohar	Agus Setyo Muntohar	Indonesia	Development of Landslide Early Warning System based on the Satellite-Derived Rainfall Threshold in Indonesia	Pre-recorded
42	5 Nov.	15:00-15:15	T3-42 Qiang Xu	Qiang Xu	China	Presenting Some Successful Cases of Regional Landslides Early Warning Systems in China	Online Virtual
43	5 Nov.	15:15-15:30	T3-43 Klaus-Peter Keilig	Klaus-Peter Keilig	Germany	Towards an early warning system for instable slopes in Gorgia The large Tskneti Akhaldaba landslide	Onsite
44	5 Nov.	15:30-15:45	T3-44 Lin Wang	Lin Wang	Japan	An EWS of landslide and slope failure by MEMS tilting sensor array	Onsite
45	5 Nov.	15:45-16:00	T3-45 Piciullo Luca	Piciullo Luca	Norway	Standards for the performance assessment of territorial landslide early warning systems	Pre-recorded
46	5 Nov.	16:00-16:15	T3-46 Zongji Yang	Zongji Yang	China	Application and verification of a multivariate real-time early warning method for rainfall-induced landslides: implication for evolution of landslide-generated debris flows Landslides	Onsite
		16:15-16:30		Discussion			
6th Nov. 9:00-10:45		Session 3.3 Landslide early warning systems (continue)					
		Convener: Michele Calvello (mcalvello@unisa.it) & Faisal Fathani (tfathani@ugm.ac.id)					
47	6 Nov.	9:00-9:15	T3-47 Michele Calvello	Michele Calvello	Italy	LandAware: a new international network on Landslide Early Warning Systems	Onsite
48	6 Nov.	9:15-9:30	T3-48 Chih-Chung Chung	Chih-Chung Chung	Chinese Taipei	The Development of TDR-integrated landslide Early Warning System	Onsite or Online Virtual
49	6 Nov.	9:30-9:45	T3-49 Thom Bogaard	Thom Bogaard	Netherlands	What hydrological information should we include in landslide hazard assessment and Early Warning Systems?	Onsite
50	6 Nov.	9:45-10:00	T3-50 Teuku Faisal Fathani	Teuku Faisal Fathani	Indonesia	Global standard for multi-hazards early warning system	Online Virtual
51	6 Nov.	10:00-10:15	T3-51 Masashi Sekiguchi	Masashi Sekiguchi	Japan	Need for Information Disclosure of Landslide Early Warning Systems	
42	6 Nov.	10:15-10:30	T3-42 Imaya Ariyarathna	Imaya Ariyarathna	Japan	The time prediction Method of an onset of rainfall induced landslides for early warning	Onsite
	6 Nov.	10:30-10:45		Discussion			