

List of Oral Presentation Speakers of the Fifth World Landslide Forum

The Fifth World Landslide Forum (WLF5) will be organized at the National Kyoto International Conference Center (KICC) in Kyoto, Japan on 2-6 November 2021. WLF5 originally planned on 2-6 November 2020 was postponed for one year due to COVID-19. However, the COVID-19 situation is still unpredictable. Accordingly, the Forum will be organized in Hybrid mode. Oral presentation will be conducted through onsite, online/virtual or pre-recorded modes. The WLF5 secretariat asked all oral presentation speakers to provide their preference on the mode of presentation, with response deadline on 31 March 2021. The modes of presentation can be switched by 15 September 2021. Then, the final presentation programme will be made.

List of the oral presentation speakers of WLF5 are presented in Table 1 (16 April 2021). The speakers are authors of one of the following papers submitted and accepted in WLF5 and also registered in WLF5 through the registration page of WLF <https://wlf5.iplhq.org/registration/>.

1. Authors of the full color printed books “Understanding and Reducing Landslide Disaster Risk” - Vol.1 to Vol.6.
 2. Authors of the thematic issue “Sendai Landslide Partnerships 2015-2025” (Vol.17-10 and Vol.17-11 in 2020).
 3. Authors of WLF5 Electronic Proceedings of the Fifth World Landslide Forum.
 4. Authors of one-page abstracts (deadline of submission is 30 June 2021). Authors registered for WLF5 by 31 March 2021 are included. One-page abstract registration is still open. Please fill the one-page abstract form in the preliminary registration website of WLF5 (ICL) <https://wlf5.iplhq.org/speaker-registration/>, and also pay the registration fee through the formal registration page <<https://wlf5.iplhq.org/registration/>>
- Note: e-poster presentation is open until 10 August 2021. After receiving notice of acceptance, the authors of e-posters can select one of three options: (1) 3-minute oral presentation, (2) no talk, or (3) non-attendance.

Table 1 List of oral presentation speakers at the Fifth World Landslide Forum

No	Speaker	Organization	Country/ Region	Title	Present- ation
Forum Lectures and Forum Speeches					
1	Fausto Guzzetti	Department of Civil Protection, Presidency of the Council of Ministers	Italy	On the prediction of landslides and their consequence	Online
2	Charles Wang Wai Ng	Hong Kong University of Science and Technology, Hong Kong SAR,	China	Design recommendations for single and dual rigid debris flow barriers with and without basal clearance	Onsite
3	Michel Jaboyedoff	ISTE-University of Lausanne	Switzerland	The rockfall failure hazard assessment: summary and new advances	Onsite
4	Brian D. Collins	U.S. Geological Survey	USA	Progress and lessons learned from responses to landslide disasters	Onsite
5	Claudio Margottini	Embassy of Italy in Egypt	Egypt	Fukuoka IPL Award lecture: Behind-the-scenes in mitigation of landslides and other geohazards in low income countries - in memory of Hiroshi Fukuoka	Onsite
6	Beena Ajmera	North Dakota State University	USA	Oldrich Hungr Award lecture: Recent Advances in the Methods of Slope Stability and Deformation Analyses	Onsite
Theme 1 Sendai Landslide Partnerships and Kyoto Landslide Commitment					

Session 1.1 Sendai Landslide Partnerships, Kyoto Landslide Commitment, and International Programme on Landslides					
1	Kyoji Sassa	International Consortium on Landslides	Japan	Kyoto 2020 Commitment for Global Promotion of Understanding and Reducing Landslide Disaster Risk	Onsite
2	Peter T. Bobrowsky	Geological Survey of Canada	Canada	International Consortium on Landslides (ICL): Proposing and Host Organization of SLP20152025 and KLC2020	Onsite
3	Matjaž Mikoš	University of Ljubljana	Slovenia	The ICL journal Landslides - 16 years of capacity development for landslide risk reduction	Onsite
4	Kaoru Takara	International Consortium on Landslides	Japan	UNITWIN-UNESCO/KU/ICL Programme	Onsite
5	Qunli Han	IRDR-IPO	China	International Programme on Landslides (IPL): A programme of the ICL for Landslide Disaster Risk Reduction	Onsite
6	Raymond Cheung	Geotechnical Engineering Office	China	Landslide Risk Management in Hong Kong	Onsite
7	Alexander Strom	Geodynamics Research Center	Russia	Central Asia – rockslides' and rock avalanches' treasury and workbook	Onsite
8	Biljana Abolmasov	University of Belgrade	Serbia	Results of recent monitoring activities on landslide Umka, Belgrade, Serbia - IPL 181	Onsite
9	Matjaž Mikoš	University of Ljubljana	Slovenia	Landslides in Weathered Flysch: From Activation to Deposition (WCoE 2017-2020)	Onsite
10	Snježana Mihalić Arbanas	University of Zagreb	Croatia	Report of the Croatian WCoE 2017-2020: From landslide mapping to risk assessment	Onsite
11	Leonardo Cascini	University of Salerno	Italy	LARAM School: an ongoing experience	Onsite
12	Nicola Casagli	University of Florence	Italy	Advanced technologies for Landslides (WCoE 2017-2020)	Onsite
13	Vít Vilfmek	Charles University	Czech Republic	Complex geomorphological and engineering geological research of landslides with adverse societal impacts	Onsite
14	Željko Arbanas	University of Rijeka	Croatia	Report of the IPL-219, IPL-220 and Croatian WCoE 2017-2020: From landslide investigation to landslide prediction and stabilization	Onsite
15	Lorenzo Solari	Centre Tecnològic de Telecomunicacions de Catalunya	Spain	Regional scale landslide monitoring based on Sentinel-1 data	Online or Recorded
16	Satoru Nishikawa	Nagoya University	Japan	Ichi-Nichi-Mae (The Day before the Disaster) Project for Landslide Awareness and Risk Communication	Onsite
17	Bastian van den Bout	Twente University	Netherlands	Impact of multi-hazard interactions on risk assessment	Onsite
18	Marcos Mendonca	Federal University of Rio de Janeiro	Brazil	Population vulnerability assessment and its effect in landslide risk mapping – The case of Angra dos Reis, Rio de Janeiro, Brazil	Online
19	Dongxu Yang	Institute of Exploration Technology, CAGS	China	Characteristics of sediment transportation and abrasion behavior of glacial debris-flow in Southeast Tibet, China	Onsite or Online
20	Eleftheria Poyiadji	Institute of Geology and Mineral Exploration	Greece	Landslides in Greece and related legislation: difficulties and potential improvements	Onsite
21	Hemalatha Thirugnanam	Amrita Vishwa Vidyapeetham	India	Challenges and opportunities in landslide early warning system	Online
22	Surya Parkash	National Institute of Disaster Management	India	Emerging Issues and Innovative Strategies for Landslides Risk Management	Online
23	Ellen Robson	Newcastle University	UK	Cost-effective road slope stabilisation for low-income countries	Online
24	Bayes Ahmed	University College London (UCL)	UK	The impact of culture in landslide disaster risk reduction	Onsite or Online
Session 1.2 Landslide-induced Tsunamis					
25	Pi-Chun Huang	National Central University	Chinese Taipei	Flank failure of the volcanic Turtle Island and the submarine landslide in the southernmost Okinawa Trough	Online
26	Taro Kakinuma	Kagoshima University	Japan	Numerical simulation for tsunami generation due to a landslide	Recorded
27	Federico Di Traglia	Università di Firenze	Italy	Dealing with mass flow-induced tsunamis at Stromboli volcano: monitoring strategies	Online
28	Kazuki Murata	Port and Airport Research Institute	Japan	Tsunami Disaster caused by the 1923 Great Kanto Earthquake and the Importance of Submarine Landslides	Onsite
29	Wahyu Widiyanto	National Cheng Kung University	Chinese Taipei	Post-event field surveys of 2018 tsunami in Palu Bay and Sunda Strait	Recorded
30	Tso-Ren Wu	National Central University	Chinese Taipei	Three-Dimensional Simulation on the Rockslide and Mudslide Generated Tsunamis	Online
31	Lili Xiao	Chang'an University	China	The theory, validation and application of Tsunami Squares simulation approach to landslide generated waves	Online
32	Junji Miyamoto	Toyo Construction	Japan	Submarine landslide study in a drum centrifuge	Onsite
Session 1.3 Landslides at UNESCO designates sites and contribution from WMO, FAO, IRDR					
33	Yuki Matsuoka	UNDRR Office in Japan	Japan	Sendai voluntary commitments: landslide stakeholders and	Onsite or

				the all-of-society approach enhanced by UNDRR	Online
34	Vít Vilímek	Charles University	Czech Republic	Contribution of the collaborative effort of the Czech WCoE to landslide risk reduction at the Machupicchu, Peru	Onsite
35	Irina Pavlova	UNESCO	France	Landslides at UNESCO-designated sites	
36	Daniele Spizzichino	ISPRA	Italy	Traditional knowledge and local expertise in landslide risk mitigation of world heritages	Onsite
37	Stefano Morelli	Department of Earth Sciences	Italy	Reconstruction of the slope instability conditions before the 2016 failure in an urbanized district of Florence (Italy), a UNESCO World Heritage Site	Online
38	William Frodella	University of Florence	Italy	Assessing landslide hazards in cultural heritage sites of the UNESCO Tentative List: examples from developing countries	Online
39	Rodrigo Alcaíno-Olivares	York University	Canada	Thermo-mechanical cliff stability at tomb KV42 in the Valley of the Kings, Egypt	Onsite
40	Xu Tang	Fudan Integrated Research on Disaster Risk, International Center of Excellence	China	Collaboration in MHEWS through an Integrated Way: The Great Efforts Contributed by Multi-stakeholder Partnership at National, Regional and International Levels	Onsite
41	Yuka Makino	FAO	Italy	Resilient Watershed Management: Landscape Approach to Climate Change and Disaster Risk Reduction	Online or Recorded
42	Fang Lian	Integrated Research on Disaster Risk	China	Integrating DRR into the conservation and management mechanisms of the internationally designated sites – view of IRDR	Onsite or Online
43	Giuseppe Esposito	CNR-IRPI	Italy	Landslide hazard and risk assessment for civil protection early response	Online
44	Irasema Alcántara-Ayala	National Autonomous University of Mexico	Mexico	Size matters: the impact of small, medium and large landslide disasters	Onsite or Online
45	Shengnan WU	Institute of Geographic Sciences and Natural Resources Research, CAS	China	Practices of Public Participation Early Warning System for Geological Hazards in China	Onsite or Online
46	Josip Peranić	University of Rijeka	Croatia	Protection of a cultural heritage site in Croatia from rockfall occurrences	Online
47	Stefano Utili	Newcastle University	UK	Landslide Geometry and Activity in Villa de la Independencia (Bolivia) Revealed by InSAR and Seismic Noise Measurements	
Session 1.4 Education and Capacity Development for Risk Management and Risk Governance					
48	Emanuele Inrieri	University of Studies of Florence	Italy	Early warning systems in Italy: state-of-the-art and future trends	Online
49	Jan Klimeš	IRSM CAS	Czech Republic	Community-based landslide risk management in contrasting social environments, cases from the Czech Republic	Onsite
50	Lee-Ping Shi	Taiwan Construction Research Institute	Chinese Taipei	Refinement Progresses on Freeway Slope Maintenance after a Huge Landslide Disaster	Onsite
51	Ricardo J. Garnica-Peña	Institute of Geography, National Autonomous University of Mexico	Mexico	Landslide exposure community-based mapping: a first encounter in a small rural locality of Mexico	Onsite or Online
52	Elizabeth A. Holcombe	University of Bristol	UK	Co-producing data and decision support tools to reduce landslide risk in the humid tropics	Recorded
53	Mohamad Fazli Sardi	University of Technology	Malaysia	ICT-based landslide disaster simulation drill: Road to achieve 2030 global commitment	Recorded
54	Sao-Jeng Chao	National Ilan University	Chinese Taipei	A Preliminary Work of Safety Potential Analysis Model for Anchors Used on Freeway Slopes	Onsite
55	Tamara Breuninger	Technical University of Munich	Germany	Initial Experiences of Community Involvement in an Early Warning System in Informal Settlements in Medellín, Colombia	Recorded
56	Hendy Setiawan	Gadjah Mada University	Indonesia	Capacity Building and Community Preparedness towards Landslide Disaster in Pagerharjo Village, Kulon Progo Regency of Yogyakarta, Indonesia	Onsite
57	Alexandra Urgilez	Delft University of Technology	Netherlands	Characterization and hydrological analysis of the Guarumales deep-seated landslide in the tropical Ecuadorian Andes	Onsite
58	Gianvito Scaringi	Charles University	Czech Republic	Landslide risk education at university	Onsite
59	Hiroshi Ogawa	NIPPON KOEI co.jp	Japan	Landslide mechanism and technical transfer at Coalfield area - Case of central Asia Kyrgyz	Online
60	Sowed Masaba	Busitema University	Uganda	Preparedness for landslide disaster risks in Mount Elgon region, Uganda	Online
61	Mateja Jemec Aulic	Geological Survey of Slovenia	Slovenia	On the importance of geological data for landslide risk reduction in Slovenia	Onsite or Online
62	Ngadisih	Universitas Gadjah Mada	Indonesia	Community-based Landslide Risk Reduction in Merawu Watershed, Central Java	Recorded
Session 1.5 SATREPS-Rain-induced Rapid and Long Travelling Landslides					
63	Kazuo Konagai	International Consortium on	Japan	SATREPS project for Sri Lanka with regard to	Onsite

		Landslides		“Development of early warning technology of Rain-induced Rapid and Long-travelling Landslides”	
64	Ryo Onishi	Tokyo Institute of Technology	Japan	Towards reliable 24-hour numerical prediction of rainfall over mountain regions of Sri Lanka	Onsite
65	Shiho Asano	Forestry and Forest Products Research Institute	Japan	Strategy for monitoring creeping movements of unstable soil masses triggered by heavy rain at pilot sites in tropical forested mountain	Onsite
66	Ryosuke Uzuoka	Kyoto University	Japan	Predicting groundwater pressure build-up, and identifying locations of RRLs and their runouts.	Onsite
67	Katsuo Sasahara	Kochi University	Japan	Strategy for implementing the RRL early warning system	Onsite
68	Toru Koike	Earth System Science Co., Ltd.	Japan	Achievement of JICA Project "SABO"	Onsite
69	Major General Sudantha Ranasinghe	Disaster Management Centre	Sri Lanka	Role of Disaster Management Center on Landslide Risk Management	Onsite
Theme 2 From Mapping to Hazard and Risk Zonation					
Session 2.1 Landslide recognition and mapping					
1	Benjamin B. Mirus	U.S. Geological Survey	USA	Landslides across the USA: occurrence, susceptibility, and data limitations	Onsite or Online
2	Toyohiko Miyagi	Advantech Co., Ltd	Japan	Landslide Recognition and Mapping for Slope Disaster Risk Reduction and Management	Onsite
3	Rafał Sikora	Polish Geological Institute - National Research Institute	Poland	New Landslide Inventory Map of the Sudetes Mountains (South-Western Poland)	Onsite
4	Petra Jagodnik	University of Rijeka	Croatia	Gullies as landforms for landslide initiation – examples from the Dubračina River Basin (Croatia)	Recorded
5	Kamila Pawluszek-Filipiak	Wrocław University of Environmental and Life Sciences	Poland	Opportunities and challenges of the object-oriented automatic landslide detection from the high resolution Digital Elevation Model	Onsite
6	Mio Kasai	Hokkaido University	Japan	Can Repeat LiDAR Surveys Locate Future Massive Landslides?	Onsite
7	Vedran Damjanović	RGNF Zagreb	Croatia	Landslide mapping based on UAV photogrammetry using SfM – The Prnjavor Čuntićki landslide case study, Croatia	Onsite
8	Nguyen Kim Thanh	Institute of Transport Science and Technology, Vietnam	Vietnam	Developing recognition and simple mapping by UAV/SfM for local resident in mountainous area in Vietnam – A case study in Po Xi Ngai Community, Laocai province	Onsite
9	Vladimír Greif	Comenius University in Bratislava	Slovakia	Landslide activity classification based on Sentinel-1 satellite radar interferometry data	Onsite
10	Carlo Tacconi Stefanelli	University of Florence	Italy	Damming predisposition of river networks: a mapping methodology	Recorded
11	Timotej Verbovšek	University of Ljubljana	Slovenia	Maximum Likelihood Classification method for detection of litho-geomorphological units in the Vipava Valley, SW Slovenia	Onsite
12	Hiroimitsu Yamagishi	Hokkaido Research Center of Geology	Japan	Landslides Triggered by the September 6th 2018 Hokkaido Eastern Iburu Earthquake -Topographic and Geologic GIS-LP Analyses	Onsite
13	Pham Van Tien	Institute of Transport Science and Technology	Vietnam	Landslides along Halong-Vandon Expressway in Quang Ninh province, Vietnam	Onsite
14	Tomislav Popit	University of Ljubljana	Slovenia	Roughness analysis of fossil landslide surfaces in the Vipava Valley, SW Slovenia	Online or Recorded
15	John Dehls	Geological Survey of Norway	Norway	Mapping landslides at a nationwide scale using InSAR: the Norwegian Ground Motion Service	Onsite
16	Txomin Bornaetxea	University of the Basque Country	Spain	The Effective Surveyed Area. Uncertainty reduction in field work based landslide inventories.	Online
17	William Schulz	United States Geological Survey	USA	Use of InSAR at multiple spatial and temporal scales to reveal landsliding mechanisms	Onsite or Online
Session 2.2 Landslide hazard assessment and zonation – susceptibility modelling					
18	Samuele Segoni	University of Florence	Italy	Landslide susceptibility assessment in complex geological settings: sensitivity to geological information and insights on its parameterization	Onsite
19	Christian Arnhardt	British Geological Survey	UK	An expert-based Landslide susceptibility assessment on city scale level with limited data - an example from Kuala Lumpur City	Onsite
20	Hiroshi Yagi	Yamagata University	Japan	Landslide susceptibility mapping by interpretation of aerial photographs, AHP and precise DEM	Onsite
21	Olga Barykina	Lomonosov Moscow State University	Russia	New data on geological conditions of landslide activity on Vorobyovy Gory (Moscow, Russia)	Onsite
22	Claudia Meisina	University of Pavia	Italy	Impact of agricultural management in vineyards to landslides susceptibility in Italian Apennines	Onsite
23	Gabriel Legorreta Paulin	Universidad Nacional Autonoma de Mexico	Mexico	Landslide susceptibility in two secondary rivers of La Ciénega watershed, Nevado de Toluca volcano, Mexico	Onsite
24	Sharad Kumar Gupta	Indian Institute of Technology Mandi	India	An Ordinal Scale Weighting Approach for Susceptibility Mapping Around Tehri Dam, Uttarakhand, India	Recorded or Online

25	Meei-Ling Lin	National Taiwan University	Chinese Taipei	Potential Analysis of Deep-seated Landslides Caused by Typhoon Morakot Using Slope Unit	Onsite
26	Dymphna Nolasco-Javier	University of the Philippines Baguio	Philippines	Landslide susceptibility assessment using binary logistic regression in northern Philippines	Recorded
27	Lea Tien Tay	Universiti Sains Malaysia	Malaysia	Landslide Hazard Mapping of Penang Island Malaysia based on Multilayer Perceptron Approach	Online
28	Zheng Han	Central South University	China	Landslide Susceptibility Mapping Based on the Deep Belief Network: A Case Study in Sichuan Province, China	Onsite
29	Jie Dou	The University of Tokyo	Japan	A Comparative study of deep learning and conventional neural network for evaluating landslide susceptibility using landslide initiation zones	Onsite
30	Domenico Calcaterra	Federico II University of Napoli	Italy	Landslide susceptibility assessment by ensemble-based Machine Learning models	Onsite
31	Bahareh Kalantar	RIKEN Center for Advanced Intelligence Project	Japan	Application of Machine Learning Algorithms and Their Ensemble for Landslide Susceptibility Mapping	Online
32	Anika Braun	Technical University Berlin	Germany	Overcoming data scarcity related issues for landslide susceptibility modeling with machine learning	Onsite or Online
33	Jewgenij Torizin	Institute for Geosciences and Natural Resources (BGR)	Germany	Practical accounting for uncertainties in data-driven landslide susceptibility models. Examples from the Lanzhou case study	Onsite or Online
34	Victor Carvalho Cabral	Universidade Estadual Paulista	Brazil	Assessment of shallow landslides susceptibility using SHALSTAB and SINMAP at Serra do Mar, Brazil	Onsite or Recorded
35	Biljana Abolmasov	University of Belgrade	Serbia	Regional slope stability analysis in landslide hazard assessment context, North Macedonia example	Onsite
36	Shoji Doshida	National Research Institute of Fire and Disaster	Japan	Evaluation of secondary landslide susceptibility for the rescue activity using LiDAR UAV data	Onsite
37	Johnny Alexander Vega	Universidad de Medellin	Colombia	Methodology for landslides assessment causing river channel obstructions and the consequent water shortage in rural communities	Onsite or Recorded
38	Edier Aristizabal	National University of Colombia	Colombia	Rainfall-induced shallow landslide susceptibility assessment in mountainous and tropical scarce-data region of the Colombian Andes	Onsite
39	Mario Reyes	Ministerio de Medio Ambiente y Recursos Naturales	El Salvador	Landslide susceptibility mapping in the Apaneca Range, El Salvador	Recorded
40	Shahram Nasiri	The University of Queensland	Australia	Concerns over reliable earthquake-induced landslide hazard assessment: Developing sophisticated geotechnical databases and 3D landslide inventories	Onsite or Online
41	Azemeraw Wubalem	University of Gondar	Ethiopia	Modeling of landslide susceptibility in a part of Abay Basin, northwestern Ethiopia	Onsite
42	Stratis Karantanellis	Aristotle University of Thessaloniki School of Geology	Greece	Object-based landslide hazard detection using machine learning	Onsite or Online
43	Jorge Antonio Paz Tenorio	Universidad de Ciencias y Artes de Chiapas	Mexico	Cartography of susceptibility to landslides and analysis of vulnerabilities	Online
44	Farrokh Nadim	NGI	Norway	Theoretical framework for estimating the annual probability of occurrence of landslides	Online
45	Senem Tekin	Cukurova University	Turkey	Landslide Hazard Assessments In Goksu River Watershed (Southern Turkey)	Online
46	Dalia Kirschbaum	NASA Goddard Space Flight Center	USA	Multi-scale landslide hazard assessment using remote sensing data	Onsite or Online
47	Laurie Kurilla	University of Torino	Italy	Global susceptibility of debris flows and spatial accuracy	Onsite
48	Paola Reichenbach	CNR-IRPI	Italy	A review of statistically-based landslide susceptibility models	Onsite
49	Rajib Kumar Saha	Geological Survey of Bangladesh	Bangladesh	Landslide hazards of Thanchi-Alikadam Upazila, Bandarban Hill District, Bangladesh	Online
50	Massimiliano Bordoni	University of Pavia	Italy	Integration of satellite soil moisture and rainfall in a data-driven model for shallow landslides hazard zonation	Online
51	Stefan Steger	Eurac Research	Italy	A statistical exploratory analysis of inventoried slide-type movements for South Tyrol (Italy)	Onsite or Online
Session 2.3 Landslide hazard assessment and zonation – temporal and size modelling					
52	Aykut Akgun	Karadeniz Technical University	Turkey	Landslide Size Distribution Characteristics of Cretaceous and Eocene Flysch Assemblages in the Western Black Sea Region of Turkey	Online
53	Gabriel Legorreta Paulin	Universidad Nacional Autonoma de Mexico	Mexico	Assessing landslide volume for landform hazard zoning purposes	Onsite
54	Chris Massey	GNS Science	New Zealand	Empirical relationships to estimate the probability of runoff exceedance for various landslide types	Onsite or Online
55	Rex L Baum	U. S. Geological Survey	USA	Rapid sensitivity analysis for reducing uncertainty in landslide hazard assessment	Onsite or Online
56	Kana Nakatani	Kyoto University	Japan	Applying debris flow simulation for detailed hazard and risk mapping and for considering effective countermeasures	Onsite
57	Kaiheng Hu	Institute of Mountain Hazards and Environment, CAS	China	Debris-Flow Peak Discharge Calculation Model Based on Erosion Zoning	Online
58	Takashi Koi	Hokkaido University	Japan	Rainfall-induced lahar occurrences shortly after eruptions	Onsite

				and its initiation processes in Japan	
59	Jiaying Li	Central South University	China	Spatiotemporal Assessment of Geological Hazard Safety along Railway Engineering using a Novel Method: A Case Study of the Sichuan-Tibet Railway, China	Online
60	Mohamed Rouai	Moulay Ismail University of Meknes	Morocco	Slope Stability and Landslide Hazard in Volubilis Archaeological Site (Morocco)	Onsite
61	Olivier Dewitte	Royal Museum for Central Africa	Belgium	Landslide timing in a data-scarce tropical environment: from recent to very old processes in the Kivu Rift	Onsite or Online
62	Munawar	BMKG	Indonesia	Rainfall Induced Landslide Threshold Distribution in West Java Province	Recorded
Session 2.4 Landslide data and information for disaster mitigation					
63	Ferdaus Ahmad	Department of Mineral and Geoscience Malaysia	Malaysia	Slope Hazard and Risk Mapping Project (PBRC) – An Overview of Disaster Risk Reduction Initiative	Onsite
64	Mohd Farid Abdul Kadir	Department of Mineral and Geoscience Malaysia	Malaysia	Risk-informed Land Use Planning for Landslide Disaster Risk Reduction: A Case Study of Cameron Highlands, Pahang, Malaysia	Onsite
65	Paolo Tarolli	University of Padova	Italy	Landslides in steep-slope agricultural landscapes	Online
66	Matteo Del Soldato	University of Firenze	Italy	From satellite images to field survey: a complete scheme of landslide InSAR monitoring	Online or Recorded
67	Toyohiko MIYAGI	Advantech Co., Ltd	Japan	Slope disaster risk reduction map as a communication tool for community based DRR in Japan & Vietnam	Onsite
68	Tapas Martha	National Remote Sensing Centre	India	Geospatial landslide inventory database of India for decision makers	Online
69	Mario Parise	University Aldo Moro	Italy	Do we really use landslide susceptibility maps?	Online
70	Farida Boulaghmen	University of Amar Telidji Laghouat	Algeria	Identification and multidisciplinary Diagnostic of Flood Risk Management in Algeria case of two Wilayas	Online or Recorded
Session 2.5 Landslide vulnerability of people, communities and the built environment					
71	Paola Salvati	CNR-IRPI	Italy	People vulnerability to landslide: risky behaviours and dangerous conditions by gender and age	Onsite
72	Erica Akemi Goto	UCSB	USA	Using mixed-methods to understand community vulnerability to debris flows in Montecito, CA	Onsite
73	Dario Peduto	University of Salerno	Italy	Innovation in analysis and forecasting of vulnerability to slow-moving landslides	Onsite or Online
74	Silvia Bianchini	University of Firenze	Italy	Sentinel-1 PSI data for the evaluation of landslide geohazard and impact	Online
75	Ricardo Garnica-Peña	National Autonomous University of Mexico	Mexico	On the use of UAVs for landslide exposure of households: La Gloria neighbourhood, Teziutlán, Puebla	Onsite or Online
76	Aditi Singh	Gautam Buddha University	India	Site-specific risk assessment of buildings exposed to rock fall in India- A case study	Recorded or Online
77	Michio Ishigaki	OYO Corporation	Japan	The Advanced Method for Detecting Geotechnical Risks of Landslide Failures by Surveying Historical Surface Deformation and Underground Water	Onsite
78	Settimio Ferlisi	University of Salerno	Italy	Quantitative analysis of the consequences induced by slow-moving landslides to a road network in southern Italy	Online
79	Sergio Sepulveda	Universidad de OHiggins	Chile	Landslide vulnerability changes and migration in Antofagasta, Northern Chile	Onsite or Online
80	Kuntala Bhusan	North Eastern Space Applications Centre	India	Landslide scenario in North East India and associated challenges	Online
81	Crisanto Silva Aguilera	Universidad Simon Bolivar	Venezuela	Landslide risk map, El Junquito area, DC Caracas, Venezuela	
Theme 3 Monitoring and Early Warning					
Session 3.1 Landslide monitoring and geophysical surveys					
1	Paola Revellino	University of Sannio	Italy	Defining kinematic and evolutive features of earth flows using integrated monitoring and low-cost sensors	Onsite
2	Jan Blahůt	Czech Academy of Sciences, IRSM	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	David Huntley	Geological Survey of Canada	Canada	Field testing innovative differential geospatial and photogrammetric monitoring of a slow-moving landslide, south-central British Columbia, Canada	Recorded
4	Paolo Allasia	CNR IRPI	Italy	The role of measure of deep-seated displacements in the monitoring networks on large-scale landslide	Recorded
5	Mihai Niculita	Alexandru Ioan Cuza University of Iasi	Romania	LiDAR and UAV SfM for landslide monitoring	Onsite
6	Paolo Mazzanti	Sapienza University of Rome	Italy	Recent developments in photomonitoring	Online
7	Maneesha Ramesh	Amrita Vishwa Vidyapeetham	India	Enhancing the reliability of IoT System for landslide	Online

				monitoring by integrating learning models	
8	Tomofumi Koyama	Kansai University	Japan	Development of resident participation-type slope measurement/monitoring system in mountain region	Onsite
9	JONGMANS Denis	Universite Grenoble Alpes	France	Geophysical monitoring of landslides: state-of-the art and recent advances	Onsite
10	Jonathan Chambers	British Geological Survey	UK	Long-term geophysical imaging of moisture driven landslide processes	Recorded
11	Sebastian Uhlemann	Lawrence Berkeley National Lab	USA	Geophysical monitoring of landslides – A step closer towards predictive understanding?	Onsite
12	Jim Whiteley	University of Bristol/British Geological Survey	UK	Recent advances in high spatial resolution geophysical monitoring of moisture-induced landslides	Onsite
13	Hao Luo	Shanghai Jiao Tong University	China	Characteristic analysis of the Nayong rock avalanche based on the seismic signal	Recorded
14	Liang Feng	University of Florence	Italy	Rockfall detection and early warning using micro-seismic monitoring	Online
15	Yu Zhuang	Shanghai Jiao Tong University	China	Electrical resistivity tomography (ERT) based investigation of two landslides in Guizhou, China	Recorded
16	Kiminori Araiba	National Research Institute of Fire and Disaster	Japan	Vibration of Piled Rocks - Which rock can be removed ?	Onsite
17	Hong-Hu Zhu	Nanjing University	China	Multi-field monitoring of landslide using a distributed fiber optic sensing system	Onsite
18	Filip Hartvich	IRSM CAS	Czech Republic	Multiinstrumental monitoring network Slopenet - new advances	Onsite
Session 3.2 Remote sensing for landslide risk management					
19	Ko-Fei Liu	National Taiwan University	Chinese Taipei	Debris flow detection with video camera	Online
20	Federico Raspini	University of Firenze	Italy	Landslide mapping and monitoring with satellite interferometry	Online
21	Giulia Tessari	Sarmap SA	Switzerland	Comparison between PS and SBAS InSAR techniques in monitoring shallow landslides	Onsite or Online
22	David Bonneau	Queen's University	Canada	Towards managing debris channel risks to infrastructure: Understanding debris processes using remotely sensed data.	Recorded
23	Ying Liu	Xinjiang Institute of Ecology and Geography, CAS	China	Remote sensing monitoring of landslides along highways	Onsite
24	Ping Lu	Tongji University	China	Landslide Inventory Mapping from VHR, HR and MR imageries	Onsite
25	Anna Barra	CTTC/CERCA	Spain	Sentinel-1 landslides detection: the Granada coast	Onsite
26	Oriol Monserrat	CTTC	Spain	Sentinel-1 as a tool to support early warning systems	Onsite or Online
27	Chaoying Zhao	Chang'an University	China	Landslide Dynamic Deformation Monitoring with Sequential Least Squares Based SAR/InSAR techniques	Online
28	Lu Zhang	Wuhan University	China	Challenges and opportunities in landslide hazards detection and disaster early warning with SAR/InSAR observations	Online
Session 3.3 Landslide early warning systems					
29	Gaetano Pecoraro	University of Salerno	Italy	Definition and first application of a probabilistic warning model for rainfall-induced landslides	Onsite
30	Katerina Kavoura	University of Patras	Greece	Establishment of an integrated landslide early warning and monitoring system in populated areas	Recorded
31	Nguyen Duc Ha	Vietnam Institute of Geosciences and Mineral Resources	Vietnam	An Integrated WebGIS System for Shallow Landslide Hazard Early Warning	Onsite
32	Adrian Wicki	Swiss Federal Research Institute WSL	Switzerland	The value of soil wetness measurements for regional landslide Early Warning Systems	Onsite
33	John Singer	AlpGeorisk	Germany	Technical concepts for an early warning system for rainfall induced landslides in informal settlements	Online
34	Agus Setyo Muntohar	Univeritas Muhammadiyah Yogyakarta	Indonesia	Development of Landslide Early Warning System based on the Satellite-Derived Rainfall Threshold in Indonesia	Recorded
35	Agie Wandala Putra	BMKG	Indonesia	The Efficient Early Warning with South East- Asia Oceania Flash Flood Guidance System (SAOFFGS)	Online
36	Qiang Xu	Chengdu University of Technology	China	Presenting Some Successful Cases of Regional Landslides Early Warning Systems in China	Onsite
37	Klaus-Peter Keilig	Technical University of Munich	Germany	Towards an early warning system for instable slopes in Gorgia The large Tskneti Akhaldaba landslide	Onsite
38	Lin Wang	Chuo Kaihatsu Corporation	Japan	An EWS of landslide and slope failure by MEMS tilting sensor array	Onsite
39	Picciullo Luca	NGI	Norway	Standards for the performance assessment of territorial landslide early warning systems	Onsite or Online
40	Zongji Yang	Institute of Mountain Hazards and Environment, CAS	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

41	Michele Calvello	University of Salerno	Italy	LandAware: a new international network on Landslide Early Warning Systems	Onsite
42	Keren Dai	Chengdu University of Technology	China	Time to build the intergrated earth observation landslide early warning system	Onsite
43	Srikrishnan Siva Subramanian	Chengdu University of Technology	China	Modelling and defining early warning thresholds for snowmelt induced soil slope failures in seasonal cold regions	Online
44	Chih-Chung Chung	National Central University	Chinese Taipei	The Development of TDR-integrated landslide Early Warning System	Onsite or Online
45	Thom Bogaard	Delft University of Technology	Netherlands	What hydrological information should we include in landslide hazard assessment and Early Warning Systems?	Onsite
46	Ray Andrew Buensuceso	Philippine Institute of Volcanology and Seismology	Philippines	Monitoring and Early Warning System for Shallow and Deep-seated Landslides: A preliminary study in the Philippines	Onsite
47	Teuku Faisal Fathani	Universitas Gadjah Mada	Indonesia	Global standard for multi-hazards early warning system	Online
Session 3.4 Forecasting models and time predictions of landslides					
48	Maria Teresa Brunetti	CNR IRPI	Italy	Regional approaches in forecasting rainfall-induced landslides	Onsite or Online
49	Shobhana Lakhera	Indian Institute of Remote Sensing	India	Establishing Soil Moisture and Rainfall Intensity-duration based thresholds for initiation of mass movements along the National Highway-58 in the Chamoli district of Uttarakhand	Onsite or Online
50	Graziella Devoli	Norwegian Water Resources and Energy Directorate	Norway	Seven years of landslide forecasting in Norway – strengths and limitations	Onsite or Online
51	Hyuck-Jin Park	Sejong University	Republic of Korea	Probabilistic modelling of uncertainties in physically based landslide susceptibility assessment	Recorded
52	Veronica Tofani	University of Florence	Italy	Characterization of hillslope deposits for physically-based landslide forecasting models	Onsite
53	Judith Uwihirwe	Delft University of Technology	Netherlands	Landslide precipitation thresholds in Rwanda	Onsite
54	Nikhil Nedumpallile Vasu	British Geological Survey	UK	Methodology for developing a preliminary hydrological threshold for rainfall-induced landslides in Kuala Lumpur city, Malaysia	Onsite
55	Brenda Rosser	GNS Science	New Zealand	Development of a Rainfall-induced Landslide Forecast Tool for New Zealand	Onsite
56	Naoki Iwata	Chuden Engineering Consultants Co.,Ltd	Japan	Influence of intervals measuring surface displacement on time prediction of slope failure using Fukuzono Method	Onsite
57	Katsuo Sasahara	Kochi University	Japan	Velocity and acceleration of surface displacement in sandy model slope with various slope conditions	Onsite
58	Praveen Kumar	Indian Institute of Technology Mandi	India	Comparison of Moving-average, Lazy, and Information Gain Methods for Predicting Weekly Slope-movements: A Case-study in Chamoli, India	Recorded
59	Antoinette Tordesillas	University of Melbourne	Australia	New insights into the spatiotemporal precursory failure dynamics of the 2017 Xinmo landslide and its surrounds	Onsite
60	Martin Krkač	University of Zagreb	Croatia	A comparative study of random forests and multiple linear regression in the prediction of landslide velocity	Onsite or Online
61	Adriaan van Natijne	Delft University of Technology	Netherlands	Machine Learning: Potential for Deep-Seated Landslide Nowcasting	Onsite
62	Andrea Segalini	Universita di Parma	Italy	Definition and application of a new multi-criteria algorithm to identify the landslide acceleration phase	
63	Imaya Ariyaratna	Kochi University	Japan	Prediction of Failure time based on velocity and acceleration of surface displacement in sandy model slope	Onsite or Online
64	Tomukum Chia	International Academy of Astronautica	Cameroon	IAA-Glocecohadim Regional Resilience Project integration Local Indigenous knowledge with Modern Space applications to combat climate change	
65	Babatunde Peter Akinola	Ministry of Environment Ado Ekiti Nigeria	Nigeria	Effect of severe space weather on man and environment	
Theme 4 Testing, Modeling and Risk Assessment					
Session 4.1 Recent Development in Physical Modeling of Landslides					
1	Timothy D. Stark	University of Illinois at Urbana-Champaign	USA	Oso Landslide: Failure Mechanism and Runout Analyses	Online
2	Rolando P Orense	University of Auckland	New Zealand	Application of magnetic tracking system in laboratory-scale rock avalanche model tests	Online
3	Yanto	Jenderal Soedirman University	Indonesia	A simple physically-based distributed translational landslide model	Onsite
4	Mastura Azmi	Universiti Sains Malaysia	Malaysia	Behaviour of Slope Instability using Physical and Computational Modelling	Online
5	Nobutaka Hiraoka	National Institute of Occupational Safety and Health	Japan	Centrifuge Modelling of Slope Failure due to Groundwater during Excavation	Recorded
6	Binod Tiwari	California State University, Fullerton	USA	Experimental Studies on the Effect of Vegetation Density to Change Underground Seepage Rate and Stability of Slopes	Onsite
7	Jonathan M Carey	GNS Science	New Zealand	Laboratory simulations of submarine landslide failure	Online

				mechanisms	
8	Giovanna Capparelli	University of Calabria	Italy	Laboratory tests to simulate the rainfall infiltration process of pyroclastic soils subject to instability	Onsite
9	Irene Manzella	University of Plymouth	UK	Granular flow experiments and mobility of large mass flows	Onsite
10	Bharat Prasad Bhandari	Tribhuvan University	Nepal	Spatial dynamics of soil composition in the landslides of Siwalik zone, Nepal	Onsite
11	Jiajia Wang	Chang'an University	China	Tsunami Squares modeling of landslide generated impulsive waves	Online
12	Dongri Song	Institute of Mountain Hazards and Environment, CAS	China	Basal stresses of debris flow in instrumented flume	Online
13	Clarence Choi	The University of Hong Kong	China	Landslide growth: collisions and contractile skins	Online
14	Anthony Leung	Hong Kong University of Science and Technology	China	Innovative use of thermo-active pile row in unsaturated soil slope	Online
15	Ngoc Ha Do	University of Yamanashi	Japan	Research on landslides mechanism in case of heavy rainfall by flume experiment	Onsite
Session 4.2 Recent Development in Numerical Modeling of Landslides					
16	Daniel Pradel	Ohio State University Columbus	USA	Numerical Modelling for Slope Stabilizations in Modern Geotechnical Practice	Onsite
17	Roger Ruiz-Carulla	Technical University of Catalonia	Spain	3D analysis of a fragmental rockfall	Online
18	Hans-Balder Havenith	University of Liege	Belgium	3D landslide models in VR	Onsite or Online
19	Qihua Liang	Loughborough University	UK	A coupled discrete element and depth-averaged model for flow-like landslide simulations	Onsite or Online
20	Martin Mergili	University of Graz	Austria	Advanced methods for simulating complex landslides	Onsite
21	Guan-Yu Chen	National Sun Yat-sen University	Chinese Taipei	Application of Reciprocal Green's Functions on the Forecast of Submarine Landslide Tsunamis	Onsite
22	Kuo-Hsin Yang	National Taiwan University	Chinese Taipei	Deformation characteristics with porewater pressure development of shallow landslide triggered by rainfall infiltration	Onsite
23	Laura Longoni	Politecnico di Milano - Milano Leonardo	Italy	First test results from the SMART-SED simulation tool basin scale sediment yield model	Onsite
24	Khang Dang	International Consortium on Landslides	Japan	Hazard assessment of a rainfall-induced deep-seated landslide in Hakha city, Myanmar	Onsite
25	Doan Huy Loi	International Consortium on Landslides	Japan	Landslide hazard zoning based on the integrated simulation model (LS-Rapid)	Onsite
26	Akihiko Wakai	Gunma University	Japan	Numerical simulation of a creeping landslide case in Japan	Recorded
27	Takashi Kitazume	Tokyo Electric Power Services Co., Ltd.	Japan	Numerical simulation of debris flows after ash fall at Mt. Fuji	Onsite
28	Thirapong Pipatpongsa	Kyoto University	Japan	On the progression of slope failures using inverse velocity of surface movements in an undercut slope model	Onsite
29	Mario Martinelli	Deltares	Netherlands	Rainfall boundary condition in a multiphase Material Point Method	Onsite
30	Hitoshi Nakase	TEPSCO	Japan	Reproduction of Sedimentation State during Rock Slope Failure Using the Simplified DEM Model	Onsite
31	Matjaž Mikoš	University of Ljubljana	Slovenia	An extreme May 2018 debris flood case study in northern Slovenia: analysis, modelling, and mitigation	Onsite
32	Chaojun Ouyang	Institute of Mountain Hazards and Environment, CAS	China	Numerical modeling of dynamic process and risk prediction of recent catastrophe landslides	Online
33	Shuji Moriguchi	Tohoku University	Japan	Sensitivity analysis of DEM parameters in granular flow simulations	Onsite or Online
34	Marta Tomaszczyk	Polish Geological Institute-NRI	Poland	Numerical restoration of pre-failure slope geometry using DSI algorithm	Online
Session 4.3 Recent Development in Soil and Rock Testing Techniques, Application and Analysis Methods					
35	Binod Tiwari	California State University, Fullerton	USA	Recent Developments in the Evaluation and Application of Residual and Fully Softened Shear Strengths for the Stability Analyses of Landslides	Onsite
36	Pantaleone De Vita	Universita di Napoli Federico II	Italy	Analysis of shear strength variability of ash-fall pyroclastic soils involved in flow-like landslides	Onsite
37	L K Nimani S Kulathilake	Central engineering consultancy Bureau	Sri Lanka	Comparison of Soil Parameters and Soil Moduli E50 & E70 of Residual Soils used in Stability Analysis	Recorded
38	Pongsakorn Wongchana	Chiang Mai University	Thailand	Modelling of Creep Behavior of Claystone in Mae Moh Open-Pit Mine Using the Soft Soil Creep Model	Onsite
39	Deepak Raj Bhat	Okuyama Boring Co., Ltd.	Japan	Shearing rate effect on residual strength of typical clay soils in ring shear test	Onsite
40	Sabatino Cuomo	University of Salerno	Italy	Simple shear tests for unsaturated soils	Onsite
41	Beena Ajmera	North Dakota State University	USA	Simplest Methods of Determining Dynamic Soil Properties for Use in Co-seismic Hazard Analysis	Onsite

42	Yao Jiang	Institute of Mountain Hazards and Environment, CAS	China	The acoustic emission characteristics and shear behaviour during granular shearing	Onsite
43	Shenghua Cui	Chengdu University of Technology	China	Liquefaction within Bedding Fault: New Understanding of the Initiation and Movement of Daguangbao Landslide Triggered by the 2008 Wenchuan Earthquake (Ms=8.0)	Onsite
44	Netra Prakash Bhandary	Ehime University	Japan	Residual-state ring shear creep tests on clayey materials and development of creep failure model	Onsite
Session 4.4 Recent Advancements in the Methods of Slope Stability and Deformation Analyses					
45	Timur Ersöz	Middle East Technical University	Turkey	Slope Stability Assessment of Weak and Weathered Rocks with BQ System	Onsite
46	Elizabeth A Holcombe	University of Bristol	UK	Soil databases to assist slope stability assessments in the Eastern Caribbean	Recorded
47	Ran LI	Tongji University	China	Failure mechanism of a flow-like landslide triggered by the 2018 Western Shimane Earthquake	Onsite
48	Jianqi Zhuang	Chang'an University	China	Mechanism of the remodel loess failure due to Gully Stabilization and Highland Protection and improvement using Sodium Alginate	Recorded
49	Saaduddin	University of Leeds, UK	UK	The Mt Gamalama instability level in generating landslide-induced tsunami in Ternate Island, Indonesia	Onsite
Session 4.5 Recent Development in Disaster Risk Assessment					
50	Limin Zhang	Hong Kong University of Science and Technology	China	Engineering Risk Mitigation for Landslide Hazard Chains: the Baige Landslides on the Jinsha River in 2018	Online
51	Shantanu Sarkar	Central Building Research Institute	India	Engineering Geological Investigation and Slope Stability Analysis for Landslide Hazard Assessment in Indian Himalayas	Onsite
52	Giuseppe Mandrone	University of Torino	Italy	First considerations about post 2017 wildfire erosion response and debris flows in Susa valley (NW Italy)	Recorded
53	Wahyu Wilopo	Gadjah Mada University, Indonesia	Indonesia	Identification of Sliding Surface and Crack Pattern in the Soil Creep, Case Study: Unika Soegijapranata Campus, Semarang, Central Java, Indonesia	Online
54	Saskia de Vilder	GNS Science	New Zealand	Quantitative risk analysis of earthquake-induced landslides	Onsite or Online
55	Julian S. H. Kwan	Geotechnical Engineering Office, Hong Kong SAR	China	Role of Remote Sensing Technology in Landslide Risk Management of Hong Kong	Online
56	Luke A. McGuire	University of Arizona	USA	What drives spatial variability in rainfall intensity-duration thresholds for post-wildfire debris flows? Insights from the 2018 Buzzard Fire, NM, USA	Onsite or Online
57	Luqi Wang	China University of Geosciences	China	Risk assessment of submerged rock mass in reservoir area	Recorded
58	Yajun Li	Lanzhou University	China	Active periods of debris flows on the eastern margin of the Tibetan Plateau	Onsite
59	Keh-Jian Shou	National Chung-Hsing University	Chinese Taipei	On the scale effect of the catchment landslide susceptibility with consideration of climate change	Onsite
60	Ananta Man Singh Pradhan	Pukyong National University	Republic of Korea	Hybrid rainfall thresholds and landslide susceptibility for scenario-based vulnerability and risk assessment in South Korea	Onsite
61	Jordi Corominas	Universitat Politècnica de Catalunya-BarcelonaTech	Spain	Fragmental rockfalls and the analysis of risk	Onsite or Online
62	Ratih Indri Hapsari	State Polytechnic of Malang	Indonesia	Satellite Soil Moisture for Estimating Landslide Hazard	Online or Recorded
63	Holger Pankrath	Leipzig University Of Applied Sciences	Germany	Shaking table tests of small scaled slope models	
Theme 5 Catastrophic Landslides and Frontiers of Landslide Science					
Session 5.1 Landslides and earthquakes					
1	Paulus Rahardjo	Universitas Katolik Parahyangan	Indonesia	Study on the Phenomena of Liquefaction Induced Massive Landslides in 28 September 2018 Palu-Donggala Earthquake	
2	Daria Shubina	Sergo Ordzhonikidze Russian State University for Geological Prospecting	Russia	The Krasnogorsk landslide (Northern Caucasus): its evolution and modern activity	Onsite
3	Salvatore Martino	University of Rome La Sapienza	Italy	Earthquake-triggered landslides and slope-seismic waves interaction inferring induced displacements	Online
4	Hiroshi Yagi	Yamagata University	Japan	Slope deformation of Jure landslide 2014 along Sun Koshi in Lesser Nepal Himalaya and effect of Gorkha earthquake 2015	Onsite
5	Toshiya Aoki	Hokkaido University	Japan	Pressure head dynamics on a natural slope in Eastern Iburi struck by the 2018 Hokkaido earthquake	Onsite
6	Xuanmei Fan	SKLGP, Chengdu University of Technology	China	The disaster chain effect of landslides after strong earthquakes	Onsite or Online
7	Yi Zhang	Lanzhou University	China	Geomorphology and movements of deep-seated landslide	Onsite

				along active fault in the Bailong River basin	
8	Shuai Zhang	Tongji University	China	Hydrated halloysite: the pesky stuff responsible for a cascade of landslides triggered by the 2018 Iburi earthquake, Japan	Onsite or Online
Session 5.2 Landslide dams and outburst floods					
9	Tomas Kroczek	Charles University	Czech Republic	Rockfall/rockslide hazard, lake expansion and dead-ice melting assessment: Lake Imja, Nepal	Online
10	Oleg V. Zerkal	Lomonosov Moscow State University	Russia	Formation of the 2018 Bureya landslide, Far East of Russia	Onsite
11	Regine Morgenstern	GNS Science	New Zealand	Landslide dam hazards: assessing their formation, failure modes, longevity and downstream impacts	Onsite
12	Chukwuueloka A.U. Okeke	Covenant University, Nigeria	Nigeria	The Sedimentology and Internal Structure of Landslide Dams – Implications for Internal Erosion and Piping Failure: A Review	Onsite
13	Arash Barjasteh	Khuzestan Water & Power Authority	Iran	March 2019 flood impact on the stability of Ambal salt ridge in the Gotvand dam reservoir, Southern Iran	Onsite
14	Christian Zangerl	University of Natural Resources and Life Sciences	Austria	Investigation, characterisation and monitoring of deep-seated landslides in the surroundings of large dam reservoirs	Online
Session 5.3 Catastrophic large-scale landslides in mountainous regions					
15	Alexand Strom	Geodynamics Research Center	Russia	Rock avalanches: basic characteristics and classification criteria	Onsite
16	Jan Burda	VUHU	Czech Republic	An interdisciplinary assessment of a coal-mining-induced catastrophic landslide (Czech Republic)	Onsite
17	Gioachino Roberti	Minerva Intelligence	Canada	Could glacial retreat-related landslides trigger volcanic eruptions? Insights from Mount Meager, British Columbia	Online
18	Andrey A. Ponomarev	Lomonosov Moscow State University	Russia	Rock avalanches in the upper reaches of the Mzymta River, Russia	Online
19	Hans-Balder Havenith	Liège University	Belgium	Structural and dynamic numerical models of rockslides in the Carpathians and the Alps	Onsite or Online
20	Michele Delchiaro	Sapienza University of Rome	Italy	Quantitative investigation of a Mass Rock Creep deforming slope through A-Din SAR and geomorphometry	Online
21	Ching-Ying Tsou	Hirosaki University	Japan	Deformational Features of Deep-Seated Gravitational Slope Deformation of Slate Slopes in the Central Range, Taiwan	Online or Recorded
22	Kiichiro Kawamura	Yamaguchi University	Japan	Bathymetric Analyses of Submarine Landslides on the Jan Mayen Ridge, Norwegian–Greenland Sea	Online
23	Dirk Kuhn	Federal Institute for Geosciences and Natural Resources	Germany	Forkastningsfjellet rock slide, Spitsbergen: State of activity in a changing climate	Onsite
24	Vinod K Sharma	Geological Survey of India (Retd)	India	Catastrophic landslides in Indian sector of Himalaya	Onsite
25	Andrée Blais-Stevens	Geological Survey of Canada	Canada	Landslides that caused fatalities in Canada from 1771-2019	Onsite or Online
26	Tomáš Pánek	University of Ostrava	Czech Republic	Giant landslides in the foreland of Patagonian Andes: effects of deglaciation and drawdown of glacial lakes	Onsite
27	Mark E. Reid	U.S. Geological Survey	USA	Basal Liquefaction from Rapid Landsliding: The 2014 Deadly Oso Landslide (USA)	Onsite
28	Toshimi Mizuno	OYO Corporation	Japan	The evaluation of Deep-seated catastrophic landslides (DCLs) on Kii Peninsula 2011 by means of the historical deformation	Onsite
29	Violchen Sepulveda	Universidad de Chile	Chile	Catastrophic landslide and subsequent tsunamis in Los Lagos District, Chile	Onsite or Online
30	Carlo Esposito	Universita La Sapienza	Italy	Time-dependent rock mass deformation and landscape evolution in causing catastrophic rockslides	Onsite
31	Marte Gutierrez	Colorado School of Mines	USA	The Massive February 17, 2006, Leyte, Philippines, Rockslide	Onsite
Session 5.4. Landslides triggered by extreme rainfall and other effects of climate change					
32	Ken Ho	Geotechnical Engineering Office, Hong Kong SAR	China	Enhancing Preparedness against Impact of Climate Change on Slope Safety in Hong Kong	Onsite or Online
33	Wei Shan	Northeast Forestry University	China	Climate Change and Surface Deformation Characteristics in Degradation Area of Permafrost in Lesser Khingan Mountain, China	Recorded
34	Nejc Bezak	University of Ljubljana	Slovenia	Climate change impact evaluation on the water balance of the Koroška Bela area, NW Slovenia	Online or Recorded
35	Qiang Zou	Institute of Mountain Hazards and Environment, CAS	China	Characteristics and causes of the debris flow in Shelong Gully, China	Onsite or Online
36	Kounghoon Nam	Tongji University	China	Extreme rainfall induced landslide susceptibility assessment using Autoencoder combined with Random forest	Onsite
37	Hongjuan Yang	Institute of Mountain Hazards and Environment, CAS	China	Rainfall-induced landslides and debris flows in Mengdong Town, Yunnan Province, China	Online or Recorded
38	Swapna Acharjee	Department of Science and	India	Landslide triggered by rainfall and landuse change: A case	Online

		Technology, Government of Arunachal Pradesh		study of Laptap Landslide, Arunachal Pradesh, India	
39	Komatsubara Taku	Geological Survey of Japan, AIST	Japan	Relationships between antecedent rainfall and volume of earthquake-induced landslides in historical era of Japan	Onsite
40	Denis Gorobtsov	Russian State Geological Prospecting University n. a. Sergo Ordzhonikidze (MGRU)	Russia	Paragenetic landslide-mudflow process in the upper Belaya river (Caucasus, Russia)	Onsite
41	Jeffrey A. Coe	US Geological Survey	USA	Bellwether sites for evaluating changes in landslide frequency and magnitude in cryospheric mountainous terrain: a call for systematic, ---	Onsite or Online
Session 5.5. Frontiers of landslide science					
42	Sabatino Cuomo	University of Salerno	Italy	Numerical Modelling of Landslide-Structure-Interaction	Onsite
43	Tazio Strozzi	Gamma Remote Sensing	Switzerland	Accelerating Landslide Hazard at Kandersteg, Swiss Alps; Combining 28 years of satellite InSAR and single campaign terrestrial radar data	Onsite
44	Ying GUO	Northeast Forestry University	China	Identification old landslides in permafrost degradation area in Northeast China by difference distribution of surface trees	Recorded
45	Thi Minh Hue Le	Norwegian Geotechnical Institute	Norway	Forensic geotechnical investigation of the Skjeggstad quick clay landslide, Norway	Onsite
46	Paula Hilger	Western Norway University of Applied Sciences	Norway	A landform evolution model for the Mannen area in Romsdal valley, Norway	Onsite
47	Guglielmo Grechi	University of Rome La Sapienza	Italy	Multimethodological study of non-linear strain effects induced by thermal stresses on jointed rock masses	Online
48	S.O.A.D. Mihira Lakruwan	Tohoku University	Japan	Economizing the Soil Nailing Design by Drainage Improvement – Case History at Ginigathena	Onsite
49	Sandro Moretti	University of Firenze	Italy	Large and small scale multi-sensors remote sensing for landslide characterisation and monitoring	Onsite
50	Gabriel Legorreta Paulin	Universidad Nacional Autonoma de Mexico	Mexico	Modeling landslide volumes: A case study in Whatcom County, Washington, USA	Onsite
51	Maria Isabel Marín-Cerón	EAFIT University	Colombia	CRE dating of torrential alluvial deposits as an approximation of the Holocene climate-changes signatures in the Northwestern Colombian Andes	Onsite
52	Pietro Rimoldi	Consultant	Italy	Geosynthetic reinforced soil structures for slope stabilization and landslide rehabilitation in Asia	Online
53	Reshad Md. Ekram Ali	Geological Survey of Bangladesh	Bangladesh	Influence of geology and geological structures in triggering landslides, Bangladesh perspective.	Online
54	Ruichen Chen	China University of Geosciences (Beijing)	China	Kinematic mechanism of a long runout landslide in the upper reaches of the Jinsha River	Recorded
55	Scott McDougall	University of British Columbia	Canada	Drone-based LiDAR surveying of landslide deposits to characterize runout behaviour	Recorded
56	Wen-Chieh Cheng	Xi'an University of Architecture and Technology	China	Mobility Characteristics in Loess Landslide over Erodible Bed: Insights from Sandbox Experiment	Onsite
57	Xingmin Meng	Lanzhou University	China	Landslide Hazards and Management in Beilong River Corridor, China	Onsite
58	Costanza Morino	Universite de Nantes	France	Different dynamics of permafrost degradation-induced landslides revealed by molards	Online
59	Yoshinori Otani	Hirose Hokyodo & Co.,Ltd.	Japan	Recent Development of the Mechanically Stabilized Earth Walls with Geosynthetic Strap Reinforcements	Online
60	Junichi Koseki	University of Tokyo	Japan	Japanese case histories on use of geosynthetics in reconstructing failed slopes	Onsite
61	Mario Valiante	Salerno University	Italy	A spatiotemporal object-oriented data model for landslides (LOOM): some first pilot applications from the Cilento Geopark (Italy)	Online
62	Motohiro Ito	Nippon Koei Co., LTD.	Japan	Emergency mitigation measures of a dip slope slide with uplifted toe caused by heavy rain in Chichibu, east Japan	Online
Theme 6 Specific Topics in Landslide Science and Applications					
Session 6.1 Impact of large ground deformations near seismic faults on critically important civil-infrastructures					
1	Kazuo Konagai	International Consortium on Landslides	Japan	Recent earthquakes that hit areas covered and/or underlain by pyroclastic matters and their impacts on lifelines	Onsite
2	Alex Tang	L&T Consulting	Canada	Lessons Learned – Landslide Induced Lifelines Disasters from Past Earthquakes	Onsite
3	Hiroshi P. Sato	College of Humanities and Sciences, Nihon Univ.	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)	Recorded
4	Junji KIYONO	Kyoto University	Japan	Seismic response of buried pipeline to strong ground motion of strike-slip fault	Onsite
5	Vishnu Dangol	Nepal Landslide Society	Nepal	Impact on Infrastructure by 2015 Gorkha Earthquake Induced Landslides	Onsite
6	Tara Nidhi Bhattarai	Tribhuvan University	Nepal	Reconstruction Strategies for Mw 7.8 Earthquake-induced Landslide-affected Settlements in Nepal	Online

7	Katsumi Ebisawa	Central Research Institute of Electric Power Industry	Japan	State of nuclear power plant risk assessment for ground deformation with seismic faulting	Online
8	Chih-Hsuan Liu	National Cheng Kung University	Chinese Taipei	Relationship between Arias intensity and the earthquake-induced displacements of slopes	Online
Session 6.2 Recent Progress in the Landslide Initiating Science					
9	Amin Askarinejad	Delft University of Technology	Netherlands	Water exfiltration from bedrock: a drastic landslide triggering mechanism	Online
10	Haijun Qiu	Northwest University	China	Controls on landslide size: insights from field survey data	Onsite
11	Ikuo Towhata	Kanto Gakuin University	Japan	Geologic and hydrologic investigations on slope failures triggered by extreme rainfall on Izu Oshima Island, Japan	Onsite
12	Yifei Cui	Tsinghua University	China	Investigation of internal erosion of wide grading loose soil – a micromechanics-based study	Onsite
13	Hirotaoka Ochiai	Japan Forest Technology Association	Japan	Landslide Field Experiment on a Natural Slope in Futtsu City, Chiba Prefecture	Onsite
14	Vedran Jagodnik	University of Rijeka	Croatia	Mechanism of landslide initiation in small-scale sandy slope triggered by an artificial rain	Online
15	Huayang Chen	Institute of Mountain Hazards and Environment, CAS	China	Experimental study on formation and propagation of debris flow triggered by the glacial lake outburst flood	Onsite
16	Yan Yan	Southwest Jiaotong University	China	Quantitative analysis of landslide processes based on seismic signals - a new method for monitoring and early warning of landslide hazards	Onsite
Session 6.3 Earth Observation and Machine Learning					
17	Christopher Gomez	Kobe University	Japan	High-resolution point-cloud for Landslides in the 21st Century: from data acquisition to new processing concepts	Onsite
18	Daniele Giordan	CNR-IRPI	Italy	Automatized dissemination of landslide monitoring bulletins for early warning applications	Online
19	Giulia Bossi	CNR-IRPI, Research Institute for Geo-Hydrological Protection	Italy	Detecting change of patterns in landslide displacements using machine learning, an example application	Online
20	Elahe Jamalnia	Delft university of technology	Netherlands	Predicting rainfall induced slope stability using Random Forest regression and synthetic data	Online
21	Ivan Depina	SINTEF	Norway	Machine learning models for rainfall-induced landslide predictions on local to regional scales	Online
Session 6.4 General Landslide Studies					
22	Vassilis Marinos	National Technical University of Athens	Greece	Engineering geological appreciation in landslide mapping for a natural gas pipeline project: challenges and risk reduction measures	Onsite
23	Tonglu Li	Chang'an University	China	Loess Stratigraphy and Loess Landslides in the Chinese Loess Plateau	Recorded
24	Louise M Vick	UiT The Arctic University of Norway	Norway	The Jettan Rockslide- an engineering geological overview	Onsite or Online
25	Hermanns Reginald L	Geological Survey of Norway	Norway	Mapping, hazard and consequence analyses for unstable rock slopes in Norway	Onsite
26	Martina Böhme	Geological Survey of Norway	Norway	Landscape formation and large rock slope instabilities in Manndalen, northern Norway	Onsite
27	Francis Rengers	U.S. Geological Survey	USA	Landslides after wildfire: initiation, magnitude, and mobility	Onsite or Online
28	Peng Cui	Institute of Mountain Hazards and Environment, CAS	China	Disaster Risk Assessment of the Silk Road	Onsite or Online
29	Daisuke Higaki	Nippon Koei, Co. Ltd.	Japan	Rehabilitation of gully-dominant hill slopes by using low-cost measures-a case study in Nepal	Onsite
30	Chinthaka Ganepola	Asian Disaster Preparedness Center, Sri Lanka office	Sri Lanka	Site Suitability Analysis for Nature-based Landslide Risk Mitigation	Recorded
31	Oleg V. Zerkal	Lomonosov Moscow State University	Russia	Classification of Cryogenic Landslides and Related Phenomena (by Example of the Territory of Russia)	Onsite
32	Susumu Nakamura	College of Engineering, Nihon University	Japan	Risk assessment of structural damage for rock collision due to earthquake-induced landslide	Onsite
33	Weile Li	Chengdu University of Technology	China	Precursor of large rockslides and its application on landslide early detection	Online
34	Michiyo Nakashima	NIPPON KOEI	Japan	The Report on a landslide in Kyotango city, Kyoto prefecture	Onsite
35	Yasunori Katsume	OYO CORPORATION	Japan	Three-dimensional shape of mountainous landslide and the ground deformation caused by snow melting - Jin'nosuke-dani landslide, Mount Hakusan, Central Japan	Onsite
36	Lal Dinpuia	Mizoram University	India	Slope instabilities analysis and monitoring of Aizawl landslides, Mizoram, Northeast India	Onsite
37	Yu Zhao	Institute of Mountain Hazards and Environment, CAS	China	Measuring colloidal forces between clay microparticles with optical tweezers	Onsite
38	Jana Eichel	Utrecht University	Netherlands	Biogeomorphic feedbacks between plants and mass movement processes in periglacial environments	Onsite
Session 6.5 The Japanese Geotechnical Society Session "Risk and Adaptation in Geo-Disaster Vulnerable Areas under Resecent Severe Earthquake and					

Extreme Rainfall''					
39	Kazuya Yasuhara	Ibaraki University	Japan	Contribution of geotechnical engineering to climate change and IPCC	Onsite
40	Motoyuki Suzuki	Yamaguchi University	Japan	Urgent issues and new suggestions for geo-disaster prevention in Japan	Onsite
41	Tatsuya Ishikawa	Hokkaido University	Japan	Lessons from recent geo-disasters in Hokkaido under heavy rainfall	Onsite
42	Noriyuki Yasufuku	Kyushu University	Japan	Lessons from recent geo-disasters caused by heavy rainfall in recent years in Kyushu Island, Japan	Onsite
43	Shima Kawamura	Muroran Institute of Technology	Japan	Lessons from recent geo-disasters in Hokkaido under earthquake	Onsite
44	Kiyonobu Kasama	Tokyo Institute of Technology	Japan	Lessons from recent eqrthquake-induced Geo-disaster in Kyushu	Onsite
45	Kumiko Fujita	International Consortium on Landslides	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
46	Yamashita Yuichi	Technico Ltd.	Japan	Daily education for disaster risk reduction and victim support in disaster	
47	YongSu Kim	NPO Sediment Disaster Prevention Publicity Center	Japan	A study for improving disaster prevention of community	
48	Changbao Guo	China Geological Survey	China	Reactivation mechanism of ancient landslide in the eastern Tibetan Plateau, China	Online or Recorded
Session 6.6. Landslide Remediation and Mitigation Studies					
49	Stavroula Fotopoulou	Aristotle University of Thessaloniki	Greece	Towards a probabilistic performance-based methodology for the vulnerability assessment of buildings subjected to seismically induced landslides	Online or Recorded
50	Jose A. Chavez	OPAMSS	El Salvador	Slope Behavior Improvement of Partially-Saturated Pyroclastic in Data Scarse Regions	Recorded
51	Christophe Balg	Geobrugg AG	Switzerland	Applying over ten years of experience in debris flow barriers to examples in South Africa and India for permanent protection	Onsite
Korean Session in Theme 6					
52	Lee Jin-Ho	Korean Association of Soil and Water Conservation	Republic of Korea	Introduction of a Technique Developed for Examining Distribution of Land Creep Susceptible Zones in Korea	Online
53	JUNG IL SEO	Korean Society of Forest Engineering	Republic of Korea	Development of a Statistical Model to Assess the Potential Possibility of Land Creep in Korean Mountain Areas	Online
54	Namgyun Kim	National Forestry Cooperative Federation	Republic of Korea	Stability analysis for cut-slope collapse by earthquake	Online
55	Sung Jin Lee	Korea Forest Service	Republic of Korea	Landslide Control Policy of Korea	Online
56	Sangjun IM	Seoul National University	Republic of Korea	Quantitative Evaluation of Erosion Control Dam on Sediment Trapping Efficiency with a Simulation Approach	Online
57	Young-Suk Song	Korea Institute of Geoscience and Mineral Resources	Republic of Korea	Development of physically-based model using hydrological and geotechnical analysis to forecast shallow landslide	Online
Thematic issue "Sendai Landslide Partnerships 2015-2025"					
1	Masahiro Shinoda	National Defense Academy	Japan	Regional landslide susceptibility following the 2016 Kumamoto earthquake using back-calculated geomaterial strength parameters	Onsite
2	Roberta Boni	Department of Earth and Environmental Sciences	Italy	Assessment of the Sentinel-1 based ground motion data feasibility for large scale landslide monitoring	Online
3	Tingkai Nian	Dalian University of Technology	China	Experimental investigation on the formation process of landslide dams and a criterion of river blockage	Recorded
4	Ben Leshchinsky	Oregon State University	USA	The Hooskanaden Landslide: historic and recent surge behavior of an active earthflow on the Oregon Coast	Onsite
5	Changdong Li	China University of Geosciences, Wuhan	China	Recent rainfall- and excavation-induced bedding rockslide occurring on 22 October 2018 along the Jian-En expressway, Hubei, China	Online
6	Karel Šilhán	University of Ostrava	Czech Republic	Dendrogeomorphology of landslides: principles, results and perspectives	Recorded
7	Guruh Samodra	Universitas Gadjah Mada	Indonesia	Characterization of displacement and internal structure of landslides from multitemporal UAV and ERT imaging	Recorded
8	Christopher I. Massey	GNS Science	New Zealand	Landslides triggered by the MW7.8 14 November 2016 Kaikōura earthquake: an update	Onsite
9	Sudesh Kumar Wadhawan	Amrita Vishwa Vidyapeetham	India	Causative Factors of Landslides 2019: Case Study in Malappuram and Wayanad Districts of Kerala, India	Online
E-Proceedings session by the Japan Landslide Society					
Session 6.E1 International Cooperation in Landslide Disaster/Risk Reduction (Japan)					
1	Haruki Ogasa	Japan International Cooperation	Japan	JICA's support in sediment disaster risk reduction	

		Agency			
2	Tomoharu Iwasaki	KOKUSAI KOGYO CO., LTD	Japan	Technical cooperation project: Landslide Adviser for Mauritius	Onsite
3	Mukteshwar Gobin	Kyushu University	Japan	Structural and non-structural countermeasures against landslides implemented in Mauritius with the assistance of the Government of Japan	Online
4	Kiyoharu Hirota	KOKUSAI KOGYO CO., LTD/(ICL)	Japan	Preliminary report of simple hazard mapping methods for slope stability in Tegucigalpa, Honduras	Onsite
5	Lidia Torres-Bernard	National Autonomous University of Honduras	Honduras	AHP method applicated to landslide susceptibility mapping in pilot sites of Tegucigalpa	Online
6	Elias Garcia-Urquia	National Autonomous University of Honduras	Honduras	Coupling antecedant rainfall and intensity-duration thresholds for landslide occurrence in Tegucigalpa, Honduras, 2010	Online
7	Takeshi Kuwano	Kokusai Kogyo	Japan	Slope disaster and countermeasures in Honduras	Online
8	Tempa Thinley	Department of Road, Ministry of Works and Human Settlement	Bhutan	Landslide disaster management and capacity development for roadside slope risk reduction in Bhutan	Onsite
9	Takashi Hara	OYO Corporation	Japan	Rockfall protection on road in Bhutan	Online
10	Naoto Iwasa	Nippon Steel Metal Products CO.,Ltd.	Japan	Application on slope stabilization method aimed an environment and landscape conservation	Online
11	Kaoru Nakazato	Pacific Consultants Co.,LTD.	Japan	Generating landslide hazard map on 2015 Nepal Earthquake and subsequent training activity	Onsite
12	Daisuke Higaki	Nippon Koei, Co. Ltd.	Japan	A case study of low-cost measures against landslides by river bank erosion in Nepal	Onsite
13	Masanori Tozawa	Kokusai Kougyo co., ltd.	Japan	Introduction of preventive measures in the road infrastructure development in Tajikistan, in cooperation with a JICA technical project	Onsite
14	Yoji KASAHARA	Japan Conservation Engineers & Co., LTD.	Japan	Road slope disaster countermeasures in Sri Lanka	Onsite
15	Pucai Yang	Nippon Koei Co., Ltd.	Japan	Identification of debris flow hazards in Sri Lanka	Recorded
16	Alonso Alfaro	Ministry of Public Works and Transport	EL Salvador	Rockfall and landslides events and its study in Los Chorros Segment of the CA01 route, El Salvador.	Onsite
17	Mikihiro MORI	Nippon Koei. Co. Ltd.	Japan	Risk Estimation and Cost-Benefit Analysis of Road geohazard Risk Reduction by comprehensive assessment for seismic and non-seismic hazards.	Onsite

Session 6.E2 Introduction of landslide mitigation measures of Japan

18	Toko Takayama	Asia Air Survey Co., Ltd.	Japan	Landslide interpretation and evaluation based on precise visualization method using high resolution geospatial data	Recorded
19	Wataru Takeshita	Public Works Research Institute (PWRI)	Japan	Use of UAV-SfM point cloud for emergency response to landslide disasters	Onsite
20	Tomoya Hayakawa	Nippon Koei Co., Ltd.	Japan	The large landslide dam in Hidakahoronai, Hokkaido	Onsite
21	Senro Kuraoka	Nippon Koei Co., Ltd.	Japan	Development of methods to assess the annual expected loss of earthquake-induced landslides	Online
22	Nobuyuki Shibasaki	NIPPON KOEI CO., LTD.	Japan	Effect of S wave velocity structure of ground on occurrence of strain in landslide slope during earthquake...	Onsite
23	Wataru Sagara	SABO&Landslide Technical Center	Japan	Relationship between water quality and ground condition of earthquake-induced landslide areas in a mountain watershed	Onsite
24	Yoshinori Ito	Kowa Co.,Ltd.	Japan	Prediction of the groundwater level fluctuation in landslide area using genetic algorithm	Onsite
25	Akihiro Miyagi	SABO & Landslide Technical Center	Japan	Relationship between bamboo rhizome and surface failure	Onsite
26	Kazunori Hayashi	Okuyama Boring Co., Ltd.	Japan	Small and simple water drainage drilling method for landslide disaster prevention	Onsite
27	Yoshitsugu Kimura	Toa Grout Kogyo Co., Ltd	Japan	Performance Verification of sediment capture by Flexible Barrier	Onsite
28	Masayuki Ujihara	Nittoc Construction Co.,Ltd.	Japan	The Geofiber method-protecting slopes with environment-conscious continuous fiber reinforced soil	Online
29	Hiroaki KOJIMA	OSASI Technos, Inc.	Japan	Case studies of installation of measuring instruments on overseas landslide countermeasures and their problems : examples of Sri Lanka and Honduras	Onsite
30	Yusuke Koyama	Japan Broadcasting Corporation	Japan	Disaster risk coverage of TV media for citizens	Recorded
31	Go SATO	Teikyo Heisei University	Japan	Creating the archives of landslide interpretation process using an eye-tracking system	Onsite
32	Lin Wang	Chuo Kaihatsu Corporation	Japan	Microseism and Vibration Sensor Array Monitoring System	Onsite

Session 6.E3 Activities of Landslide-prevention engineers to enhance local capacity for disaster reduction in Japan

33	Noriko Ohnuma	Japan Conservation Engineers & CO.,LTD.	Japan	Process of Preparing Community Disaster Management Plan: Case Study of Communities on Ichinichi-Mae Project and CDMP that Have Experienced Recent Disaster	Onsite
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34	Kiyomi Nakamura	Japan Conservation Engineers & Co. Ltd.	Japan	Extraction of subjects for regional disaster risk reduction by teaching materials simulating evacuation behaviors	Onsite
35	Shunitsu Fujii	Fujii Consulting & Associates	Japan	An easy way to learning rainfall-induced landslides and its prevention using analog modelling	Recorded
36	Akihiko Tadokoro	Shikoku Geotechnical Consultants Association	japan	The workshop program of disaster prevention learning for primary school children and junior high school students	Onsite or Online
37	Kouichi Ikebe	The Japan Landslide Society Chubu Branch	Japan	Approaches and actions for information dissemination and education for disaster resilience in the Chubu Branch of Japan Landslide Society	Onsite
38	Takemine Yamada	The Japanese Professional Engineers Society for Geotechnical Evaluation	Japan	Collaboration of the City of Yokohama and the JAGE's chartered engineers for geotechnical evaluation consultation with local residents	Onsite
Session 6.E4 Challenges in international unification of slope disaster prevention technologies					
39	Yuuichi UENO	Nittoc Construction Co., Ltd.	Japan	International comparison of the classification of soils and rocks for determining the stable cut slope angles	Onsite
40	Naoto IWASA	Fujii Consulting & Associates	Japan	Technical term of Structure for slope protection	Onsite
41	Mitsuya ENOKIDA	Japan Conservation Engineers & Co., Ltd.	Japan	International differences in methods for calculating the deterrent effect of ground anchoring and soil nailing	Onsite
42	Shiho ASANO	Forestry and Forest Products Research Institute	Japan	Role of forestry conservation for landslide prevention	Onsite
43	Kiyoharu HIROTA	Kokusai Kogyo Co., Ltd.	Japan	Trial Vegetation Methods based on the Japanese Standard Cut Slope in Bhutan	Onsite
44	Daisuke HIGAKI	Nippon Koei, Co. Ltd.	Japan	Definition of several technical terms for landslide hazard mitigation	Onsite
Session 6.E5 Countermeasures conducted by the Japanese government against landslide disasters					
45	Masakazu NAGANO	Sabo Department, MLIT	Japan	Landslide disaster risk reduction strategy in Japan	Onsite
46	Masaru TOUHEI	Fuji Sabo Office, MLIT	Japan	An example of a landslide countermeasure project using CIM (Construction Information Modeling/ Management)	Onsite
47	Teruyoshi TAKAHARA	Shikoku Mountainous Region Sabo Office, MLIT	Japan	Planning and design of countermeasures for the active landslides in Aruse, block I-3	Onsite
48	Yuki YAMANA	Forestry Conservation Division, Forestry Agency, MAFF	Japan	Efforts and results of mountain area conservation by Forestry conservancy projects	Onsite
49	Kojiro SHIRAKI	Forestry Conservation Division, Forestry Agency, MAFF	Japan	Examples of recent landslide countermeasures by conservancy projects	Onsite
50	Mayuko SHIDA	Rural Infrastructure Department, Rural Development Bureau, MAFF	Japan	Agriculture and landslides in Japan	Onsite
51	Tooru SATO	Rural Development Department, Kyusyu Regional Office, MAFF	Japan	National project for landslide prevention in the Takase area	Onsite
World Tsunami Awareness Day Special Event					
1	Jia-wen Zhou	Sichuan University	China	Numerical simulation of landslide-generated waves during the 11 October 2018 Baige landslide at the Jinsha River	
2	Finn Løvholt	NGI	Norway	Tsunami uncertainty due to landslide dynamics	Online
3	Uri ten Brink	USGS	USA	Using statistics to understand submarine landslide processes and hazard	Recorded
4	Do Minh Duc	Hanoi University of Science	Vietnam	Analysis and modeling of a landslide-induced tsunami-like wave across the Truong river in Quang Nam province, Vietnam	Onsite
5	Jan Blahůt	Czech Academy of Sciences, IRSM	Czech Republic	Tsunami from the San Andrés Landslide on El Hierro, Canary Islands: first attempt using simple scenario	Onsite
6	Ken Ikehara	Geological Survey of Japan, AIST	Japan	The link between upper-slope submarine landslides and mass transport deposits in the hadal	Online
7	Shinji Sassa	Port and Airport Research Institute	Japan	Session Coordinator: Review of Landslides-induced Tsunamis	Onsite
Special Lectures and Panel Discussion for World Tsunami Awareness Day Event					
8	Nicola Casagli	University of Florence	Italy	Monitoring and Early Warning of Landslides including Stromboli landslide induced tsunami	Onsite
9	Kyoji Sassa	International Consortium on Landslides	Japan	Simulation of Tsunami waves induced by coastal and submarine landslides in Japan	Onsite
10	Luciano Picarelli	Universita della Campania	Italy	The impact of climate change on landslide hazard and risk	
11	Kazuo Konagai & Asiri Karunawardena	ICL&NBRO	Japan & Sri Lanka	Early Warning of rain-induced rapid and long-travelling landslides in Sri Lanka	Onsite
12	Stephan Grilli	University of Rhode Island	USA	Tsunami generation by Volcanic flank collapse: Case study of Anak Krakatau	Onsite
13	David R Tappin	British Geological Survey	UK	The continuing underestimated tsunami hazard from submarine landslides	Online
14	Viacheslav Gusiakov	Institute of Computational Mathematics and Mathematical	Russia	December 11, 2018 landslide and 90-m icy tsunami in the Buryea water reservoir	Onsite

		Geophysics			
15	Dwikorita Karnawati	Indonesian Meteorological climatological and Geophysic Agency	Indonesia	Innovation in Tsunami Early Warning System in Indonesia	Onsite
16	Toyohiko Miyagi	Tohoku-Gakuin University	Japan	Explanation of submarine landslides distributions around Japanese islands and stereo photo of submarine landslides on the floor	Onsite
Panel Discussion: Understanding and reducing disaster risk of landslide-induced Tsunami along with the Kyoto Landslide Commitment 2020					