

2019 IPL Symposium on Landslides**Date:** 16th – 19th September 2019**Venue:** Salle IX, Fontenoy Building, UNESCO Headquarters in Paris, France
7 Place Fontenoy, Paris, France

Time	Presenter	Organization	Presentation
IPL Symposium-1 (13:30 – 17:00, 16th September 2019)			
Proposal of new IPL projects			
Proposals of World Centre of Excellence 2020-2023 (part 1)			
Session Chairs: Qunli Han & Matjaz Mikos			
13:30 ~ 13:45	Greetings		
13:45 ~ 14:00	Renato Eugenio de Lima	CENACID-UFPR	Studies of disasters related to natural and anthropogenic landslides in Brazil - Characterization of landslides triggers and impacts as a tool to rapid risk analysis
14:00 ~ 14:15	Giuseppe Mandrone	University of Torino	Wildfire-related landslides in Italy: triggering mechanisms and propagation processes
14:15 ~ 14:30	Changdong Li	China University of Geosciences (Wuhan)	Evolution mechanism and control of landslides induced by sudden rainstorm
14:30 ~ 14:45	Giovanna Capparelli	Camilab – DIMES University of Calabria	Laboratory physical modeling of rainfall, slope deformation and landslides triggering
14:45 ~ 15:00	Vít Vilímek	Charles University	Classification and spatial distribution of landslides on dumps in brown coal basin in the Czech Republic
15:00 ~ 15:15	Michele Calvello	University of Salerno	Performance evaluation of landslide early warning systems
15:15 ~ 15:30	Dario Peduto	University of Salerno	Innovation in slow-moving landslide risk assessment of roads and urban sites by combining multi-sensor multi-source monitoring data
15:30 ~ 15:45	Kazuo Konagai	International Consortium on Landslides	Development of early warning technology of rain-induced rapid and long-travelling landslides in Sri Lanka
15:45 ~ 16:00	Michael T. Hendry	University of Alberta	Slow moving translational landslides in argillaceous soils and weak rocks
16:00 ~ 16:15	Wei Shan	Research Center of Cold Regions Landslide	Formation mechanism research, disaster warning, and universal education of Cold Regions Landslide

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16:15 ~ 16:30	Željko Arbanas, Snježana M. Arbanas	Croatian Landslide Group	Landslide Modeling: From Physical to Phenomenological Models
16:30 ~ 16:45	Josef STEMBERK	Institute of Rock Structure and Mechanics Czech Academy of Sciences & Charles University	Community centered landslide disaster risk reduction in changing climate, continuation
16:45 ~ 17:00	Surya Parkash	National Institute of Disaster Management (NIDM), New Delhi	Documentation, Training and Capacity Enhancement on Landslides Risk Reduction and Resilience
<p>IPL Symposium-2 (13:30 – 17:00, 18th September 2019) Proposals of WCoE 2020-2023 (part 2) & Reports of 20 on-going WCoEs Reports of on-going IPL Projects (part 1) Session Chairs: Peter Bobrowsky & Soichiro Yasukawa</p>			
13:30 ~ 13:45	S. S. Chandrasekaran	Vellore Institute of Technology	Investigation of Rainfall Induced Landslides in Western Ghats Region of South India
13:45 ~ 14:00	Maneesha V Ramesh	Amrita Vishwa Vidyapeetham	Internet of Things (IoT) for landslide disaster risk reduction
14:00 ~ 14:15	Teuku Faisal Fathani	Universitas Gadjah Mada	Development of risk reduction strategy and technological innovation for landslide mitigation
14:15 ~ 14:30	Francesca Bozzano	Sapienza Università di Roma	Development of multidisciplinary and integrated methodologies for mitigating geological risks
14:30 ~ 14:45	Nicola Casagli	University of Firenze (UNIFI)	Advanced Technologies for LandSlides (ATLaS)
14:45 ~ 15:00	Matjaž Mikoš	University of Ljubljana, Faculty of Civil and Geodetic Engineering (ULFGG)	Landslides in Weathered Flysch
15:00 ~ 15:15	Louis Ge	National Taiwan University	International Training Course on Slope Land disaster Reduction
15:15 ~ 15:30	Alexander Strom	JSC “Hydroproject Institute”	General characteristics of rock avalanches: comparison of Central Asian and Tibetan case studies

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15:30 ~ 15:45	Yurii Kalyukh	Institute of Telecommunication and Global Information Space	Implementation of National Slope Master Plan
15:45 ~ 16:00	Peter Bobrowsky	Geological Survey of Canada	Ripley Landslide Monitoring Update 2019, Canada
16:00 ~ 16:15	Wei Shan	Northeast Forestry University	Identification of ancient landslides in degraded areas of permafrost by surface trees
16:15 ~ 16:30	Daniele Spizzichino	ISPRA	Integrated application of EO data and services for landslide hazard assessment: the EO4GEO project scenarios
16:30 ~ 16:45	Željko Arbanas	Croatian Landslide Group	Rockfall structural protection of the cultural heritage in the City of Omiš, Croatia
16:45 ~ 17:00	Jan Klimeš	Institute of Rock Structure and Mechanics, CAS	Landslide risk management at the community level – lessons learned in the Andean peasant community, Cordillera Negra, Peru
<p>IPL Symposium-3 (9:30 – 12:00, 19th September 2019) Reports of on-going IPL projects (part 2) Session Chairs: Riyanti Djalante & Nicola Casagli</p>			
9:30 ~ 9:45	Maneesha V Ramesh	Amrita Vishwa Vidyapeetham	Landslide Early Warning System for Enhancing Disaster Resilience of the Community
9:45 ~ 10:00	Veronica Tofani	University of Florence	Combination of Rainfall Thresholds and Susceptibility Maps for Dynamic Landslide Hazard Assessment at Regional Scale
10:00 ~ 10:15	Ping LU	Tongji University	Landslide mapping from multi-sensor remote sensing imageries
10:15 ~ 10:30	Carlo Esposito	CERI Research Centre – Sapienza University of Rome	Relationships among landscape evolution, mass rock creep and large slope failures: preliminary results from the Zagros Mts.
10:30 ~ 10:45	Zerkal Oleg	Moscow State University	The influence of geological history in modern landslide activity on the site "Vorobyovy Gory"

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10:45 ~ 11:00	Teuku Faisal Fathani	Universitas Gadjah Mada	2018 Palu Earthquake-induced Liquefaction: Toward Reconstruction and Recovery
11:00 ~ 11:15	Munawar	BMKG	Landslide Induced Rainfall in West Java Indonesia
11:15 ~ 11:30	Jernej Jež	Geological Survey of Slovenia	Studying landslide movements from source areas to zone of deposition using a deterministic approach – (IPL 226)
11:30 ~ 11:45	Tomislav Popit	University of Ljubljana	Diversity and hydrogeology of mass movements in the Vipava Valley, SW Slovenia
11:45 ~ 12:00	J.A.D.N.A Jayasuriya	Central Engineering Consultancy Bureau	Comparison of soil module E50 of residual soil slope failures – Progress of the IPL 155
11:10 ~ 11:20	Iurii Kaliukh	Institute of Telecommunication and Global Information Space	Ukraine cultural heritage objects within landslide hazardous sites
11:20 ~ 11:30	Binod Tiwari	California State University, Fullerton	Impact of low shearing resistance of ash deposit on post-fire rainfall induced debris flow
11:30 ~ 11:40	Changdong Li	China University of Geosciences (Wuhan)	Landslide susceptibility mapping using GIS-based machine learning methods in Zigui basin, TGR, China
11:40 ~ 11:50	Wahyu Wilopo	Universitas Gadjah Mada	Debris Flow Hazard in Cyclops Mountains, Papua, Indonesia
11:50 ~ 12:00	Gorobtsov Denis	Russian State Geological Prospecting University	Landslide danger affecting temples of Moscow
<p>IPL Symposium-4 (13:30 – 17:00, 19th September 2019) Research presentation from ICL full members and ICL associates Session Chairs: Roland Oberhänsli & Željko Arbanas</p>			
13:30 ~ 13:45	Michael Hendry	University of Alberta	Update of the Landslide Research Program at the University of Alberta
13:45 ~ 14:00	Julian SH KWAN	Geotechnical Engineering Office, Hong Kong SAR	A new generation of rigid debris-resisting barriers system in Hong Kong
14:00 ~ 14:15	Guillermo Avila	Universidad Nacional de Colombia	Historical review of catastrophic events caused by landslides and debris flows in Colombia from 1987 to 2017

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14:15 ~ 14:30	Snjezana M. Arbanas	Croatian Landslide Group	Diversity of landslide types identified in Vinodol Valley (Croatia) using airborne LiDAR imagery
14:30 ~ 14:45	Jan Burda	Brown Coal Research Institute	Different types of mass movements in the environment of active coal mining (Czech Republic)
14:45 ~ 15:00	George Gaprindashvili	LEPL National Environmental Agency of Georgia	Geological Hazard (Landslide, Debrisflow, rockfall) Zoning map for Tbilisi city (Georgia)
15:00 ~ 15:15	S. S. Chandrasekaran	Vellore Institute of Technology	Kerala 2018 landslides: An overview and preliminary investigations
15:15 ~ 15:30	Break		
15:30 ~ 15:45	Surya Parkash	National Institute of Disaster Management	Template for Preparation of Landslides Management Plan
15:45 ~ 16:00	Carlo Esposito	CERI Research Centre – Sapienza University of Rome	A preliminary large-scale assessment of landslide susceptibility in the territory of the Metropolitan City of Rome (Italy)
16:00 ~ 16:15	Sabatino CUOMO	University of Salerno	Monitoring and modelling landslides at different scales
16:15 ~ 16:30	Fawu Wang	ICGdR, Shimane University	Earthquake triggered landslides in Tephra deposit, Hokkaido, Japan
16:30 ~ 16:45	Svalova Valentina	IEG RAS	Landslide risk assessment, mapping and management
16:45 ~ 17:00	A A Virajh Dias	Ministry of Mahaweli Development and Environment	Lithology, ecology, soils and socio-economic needs to be studied prior to conservation of upper watershed of the Mahaweli river basin in Sri Lanka