

| 4th Nov. 9:00-12:30 | | | Session 3.1 Landslide monitoring and geophysical surveys | | | | | |
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| | | | 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 | Pre-recorded/Online | |
| 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 | Pre-recorded | |
| 8 | 4 Nov. | 10:50-11:05 | T3-8 Sebastian Uhlemann | Sebastian Uhlemann | USA | Geophysical monitoring of landslides – A step closer towards predictive understanding? | Online Virtual | |
| 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 | Pre-recorded | |
| 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 | |

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| 20 | 4 Nov. | 14:45-15:00 | T3-20 Anna Barra | Anna Barra | Spain | Sentinel-1 landslides detection: the Granada coast | Online | |
| 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 Intrieri (emanuele.intrieri@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 | 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 | pre-recorded/offline | |
| 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 | Online | |
| 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 | 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 | Pre-recorded | |

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| 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 | | | | | | | Cancel | |
| 52 | 6 Nov. | 10:00-10:15 | T3-52 Imaya Ariyarathna | Imaya Ariyarathna | Japan | The time prediction Method of an onset of rainfall induced landslides for early warning | Onsite | |
| | 6 Nov. | 10:15-10:30 | | Discussion | | | | |