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Nota di contenuto	Emergency Response to the 2024 Noto Peninsula Earthquake -- Part I: Original articles -- Understanding Landslide Awareness: Exploring Students' Disaster Risk Perception in Higher Education Institutions -- Analytical Hierarchical Process (AHP) Prioritization of Landslide-Causing Factors -- The changing seismic site response of the Brienz/Brinzauls rock slope instability: insights from 5 years of monitoring before, during and after a partial collapse in June 2023 -- Lessons from the great Gramalote - Colombia landslide (2010) and its relocation process -- Challenges of earthquake and micro-earthquake monitoring in Sri Lanka -- Experiments of modelling subaqueous landslide susceptibility in Lake Albano of Castel Gandolfo -- An approach to rockfall hazard scenarios based on earthquake ground motion -- Landslides of Moscow river valley (Russia): types and features of their origin in different geological conditions -- High-resolution rainfall simulations

for early warning of long-traveling landslides in Sri Lanka -- Application of subsurface drainage for cost-effective mitigation strategies: A case study of Hakgala landslide, Sri Lanka -- Assessing and contextualizing site-specific landslide risk in the Philippines -- The Accuracy of Landslide Susceptibility Mapping in Young Glacial River Valleys -- Experimental Research on Landslide Mechanisms Based on Large-Scale Slope Model during Rainfall: Findings and Challenges -- Part II: Review articles -- Landslide Dams Studies in Uttarakhand, India: Past, Present and Future -- Risk identification of large-scale landslides triggered by rainfalls and post-rainfall earthquakes in Sri Lanka -- Part III: IPL/WCOE/KLC2020 -- The 6th World Landslide Forum (WLF6), Florence, 2023 -- How to detect the previous large-scale landslide: Source of future landslides by interpretation of ground topography from digital maps -- LS-RAPID estimation of the critical pore pressure able to initiate (activate) landslides within the existing large-scale landslides -- Part IV: ICL Landslide Teaching tools -- MaPLoRds – mobile application for local road network risk assessment -- Simple Method of Risk Assessment for Landslide: A Case Study of the JICA Project in Honduras -- Part V: Technical Notes and Case Studies -- Assessing Landslide Disaster Risk Reduction and Resilience - Case Studies and Insights, India -- A web-GIS for the analysis of scientific literature on earthquake-triggered landslides -- Time and Site Prediction of a Potential Large-Scale Landslides and the AR (Augmented Reality) Presentation for Early Warning -- Part VI: World Landslide Reports -- Characteristics of Landslides Affecting Road Networks in Ethiopia: Evidence from 25 Years Research, Practice and Documentation.

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#### Sommario/riassunto

This open access book provides an overview of the progress in landslide research and technology and is part of a book series of the International Consortium on Landslides (ICL). The book provides a common platform for the publication of recent progress in landslide research and technology for practical applications and the benefit for the society contributing to the Kyoto Landslide Commitment 2020, which is expected to continue up to 2030 and even beyond to globally promote the understanding and reduction of landslide disaster risk, as well as to address the 2030 Agenda Sustainable Development Goals. This is an open access book.

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