1. Record Nr. UNINA9910254001503321

Titolo	Advancing Culture of Living with Landslides : Volume 5 Landslides in Different Environments / / edited by Matjaž Mikoš, Vít Vilímek, Yueping Yin, Kyoji Sassa
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-53483-1
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XXI, 557 p. 382 illus., 358 illus. in color.)
Disciplina	551
Soggetti	Natural disasters Engineering geology Engineering—Geology Foundations Hydraulics Sustainable development Natural Hazards Geoengineering, Foundations, Hydraulics Sustainable Development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Landslide Interactions With The Built Environment -- Preface For Session -- Landslide Risk Assessment For The Built Environment In Sub-Saharan Africa -- Rainfall-Induced Debris Flow Risk Reduction: A Strategic Approach -- RUPOK: An Online Landslide Risk Tool For Road Networks -- The Impact (Blight) On House Value Caused By Urban Landslides In England And Wales -- Landslide Monitoring And Counteraction Technologies In Polish Lignite Opencast Mines -- New Perspectives On Landslide Assessment For Spatial Planning In Austria -- Characterisation Of Recent Debris Flow Activity At The Rest And Be Thankful, Scotland -- The Use Of Morpho-Structural Domains For The Characterization Of Deep-Seated Gravitational Slope Deformations In Valle d’Aosta -- Gediminas's Castle Hill (In Vilnius) Case: Slopes Failure Through Historical Times Until Present -- Design Criteria And Risk

Management Of New Construction In Landslide Areas: The Case Of The Djendjen –El Eulma Highway (Algeria) -- Numerical Analysis Of A Potential Debris Flow Event On The Irazú Volcano, Costa Rica -- Landslides Impact Analysis Along The National Road 73C Of Romania -- Evaluation Of Building Damages Induced By Landslides In Volterra Area (Italy) Through Remote Sensing Techniques -- The Resilience Of Some Villages 36 Years After The Irpinia-Basilicata (Southern Italy) 1980 Earthquake -- Urgent Need For Application Of Integrated Landslide Risk Management Strategies For The Polog Region In R. Of Macedonia -- Comprehensive Overview Of Historical And Actual Slope Movements In The Medieval Inhabited Citadel Of Sighisoara -- Analyze The Occurrence Of Rainfall-Induced Landslides In A Participatory Way For Mid-Hills Of Nepal Himalayas -- Landslides In Natural Environment -- Preface For Session -- Multi-Methodological Studies On The Large El Capulín Landslide In The State Of Veracruz (Mexico) -- Cut Slope Icing Formation Mechanism And Its Influence On Slope Stability In Periglacial Area -- Climate Change Driving Greater Slope Instability In The Central Andes -- Understanding The Chandmari Landslides -- Activation Of Cryogenic Earth Flows And Formation Of Thermocirques On Central Yamal As A Result Of Climate Fluctuations -- Landslide Investigations In The Northwest Section Of The Lesser Khingan Range In China Using Combined HDR And GPR Methods -- SOIL CO2 EMISSION, MICROBIAL ACTIVITY, C AND N AFTER LANDSLIDING DISTURBANCE IN PERMAFROST AREA OF SIBERIA -- Landslides And Water -- Preface For Session -- Quantifying The Performances Of Simplified Physically Based Landslide Susceptibility Models: An Application Along The Salerno-Reggio Calabria -- Assessing Landslide Dams Evolution: A Methodology Review -- Inventory And Typology Of Landslide-Dammed Lakes Of The Cordillera Blanca (Peru) -- Recommending Rainfall Thresholds For Landslides In Sri Lanka -- Brahmaputra River Bank Failures- Causes And Impact On River Dynamics. Downstream Geomorphic Response Of The 2014 Mount Polley Tailings Dam Failure, British Columbia -- The Sediment Production And Transportation In A Mountainous Reservoir Watershed, Southern Taiwan -- Integration Of Geometrical Root System Approximations In Hydromechanical Slope Stability Modelling -- Landslide Deformation Prediction By Numerical Simulation In The Three Gorges, China -- Patterns Of Development Of Abrasion-Landslide Processes On The North-West Coast Of The Black Sea -- Landslides As Environmental Change Proxies: Looking At The Past -- Preface For Session -- Rock-Avalanche Activity In W And S Norway Peaks After The Retreat Of The Scandinavian Ice Sheet -- The Role Of Rainfall And Land Use/Cover Changes In Landslide Occurrence In Calabria, Southern Italy, In The 20th Century -- Geomorphology And Age Of Large Rock Avalanches In Trentino (Italy): Castelpietra -- Coupled Slope Collapse - Cryogenic Processes In Deglaciated Valleys Of The Aconcagua Region, Central Andes.

Sommario/riassunto

This volume contains peer-reviewed papers from the Fourth World Landslide Forum organized by the International Consortium on Landslides (ICL), the Global Promotion Committee of the International Programme on Landslides (IPL), University of Ljubljana (UL) and Geological Survey of Slovenia in Ljubljana, Slovenia from May 29 to June 2, 2017. The complete collection of papers from the Forum is published in five full-color volumes. This fifth volume contains the following: • Landslide Interactions with the Built Environment • Landslides in Natural Environment • Landslides and Water • Landslides as Environmental Change Proxies: Looking at the Past • Student Papers Prof. Matjaž Mikoš is the Forum Chair of the Fourth World Landslide Forum. He is the Vice President of International Consortium on

Landslides and President of the Slovenian National Platform for Disaster Risk Reduction. Assoc. Prof. Vít Vilímek is the editor of Volume 5. He is member of the Evaluation committee of International Consortium on Landslides and head of the Czech Geomorphological Association. Prof. Yueping Yin is the President of the International Consortium on Landslides and the Chairman of the Committee of Geo-Hazards Prevention of China, and the Chief Geologist of Geo-Hazard Emergency Technology, Ministry of Land and Resources, P.R. China. Prof. Kyoji Sassa is the Founding President of the International Consortium on Landslides (ICL). He is Executive Director of ICL and the Editor-in-Chief of International Journal “Landslides” since its foundation in 2004. IPL (International Programme on Landslides) is a programme of the ICL. The programme is managed by the IPL Global Promotion Committee including ICL and ICL supporting organizations, UNESCO, WMO, FAO, UNISDR, UNU, ICSU, WFEO, IUGS and IUGG. The IPL contributes to the United Nations International Strategy for Disaster Reduction and the ISDR-ICL Sendai Partnerships 2015–2025.