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Nota di contenuto	Earthquake-Induced Landslides -- The Role Of Simultaneous Impact Of Exogenous And Endogenous Forces In Landslide Process Activation -- Local Terrain Relief: An Important Factor Influencing The Generation Of Large Earthquake-Triggered Landslides -- Evaluation Of Ground Shaking Characteristics In Residential Land Based On T/R Frequency Ratio Of Microtremorv -- Critical Displacement Of Earthquake-Triggered Catastrophic Landslides -- A Characteristic-Period Based Approach For Evaluating Earthquake-Induced Displacements Of The Large Büyükçekmece Landslide (Turkey) -- Distribution Characteristics Of Geohazards Induced By The Ludian Earthquake On 3 August, 2014 And A Comparison To The Jinggu And Yingjiang Earthquakes -- Geophysical Investigation Of The Landslide-Prone Slope Downstream

From The Rogun Dam Construction Site (Tajikistan) -- Spatial Relations Of Earthquake Induced Landslides Triggered By 2015 Gorkha Earthquake Mw=7.8 -- Seismic-Induced Landslides: Lessons Learned From Recent Earthquakes In Spain -- Landslides Triggered By The Ms 6.5 Ludian, China Earthquake Of August 3, 2014 -- Earthquake-Induced Rockfalls Caused By 1998 Mw5.6 Earthquake In Krn Mountains (NW Slovenia) And ESI 2007 Intensity Scale -- Earthquake Induced Landslides In Russian Altai: Absolute Dating Applying Tree-Ring And Radiocarbon Analysis -- Rainfall-Induced Landslides -- Analysis Of The Predisposing Factors For Different Landslide Types Using The Generalized Additive Model -- Potential Effects Of Climate Changes On Landslide Activity In Different Geomorphological Contexts -- Statistical Methods For The Assessment Of Rainfall Thresholds For Triggering Shallow Landslides: A Case Study -- Definition Of Rainfall Thresholds Triggering Landslides In Slovenia -- Influences Of Rainfall On Shallow Slope Failures -- Deterministic And Probabilistic Rainfall Thresholds For Landslide Forecasting -- Assessing Potential Effects Of Climate Change On Rainfall-Induced Shallow Landslides In The Peloritani Mountains Area, Sicily -- The Role Of The Precipitation History On Landslide Triggering In Unsaturated Pyroclastic Soils -- High Mobility Of Large-Scale Shallow Landslide Triggered By Heavy Rainfall In Izu Oshima -- Small Flume Experiment On The Influence Of Inflow Angle And Stream Gradient On Landslide-Triggered Debris Flow Sediment Movement -- Overview Of Rainfall Induced Landslide Events And Importance Of Geotechnical Investigations In Nilgiris District Of Tamil Nadu, India -- Probabilistic Analysis Of Shallow Landslide Susceptibility Using Physically Based Model And Fuzzy Point Estimate Method -- Explore On Hydro-Mechanical Threshold For Early Warning Of Rainfall Induced Shallow Landslides -- Large-Scale Synoptic Weather Types And Precipitation Responsible For Landslides In Southern Norway -- Regional Rainfall Thresholds For Shallow And Deep-Seated Mass Movements Triggering In The South Eastern French Alps -- Physical Modelling Of The Rainfall Infiltration Processes In Pyroclastic Soil Responsible Of Landslide Trigger -- Variations In Landslide Frequency Due To Climate Changes Through High Resolution Euro-CORDEX Ensemble -- Heavy Rains And Flash Floods At Rocky Coast. The Costiera Amalfitana (Southern Italy) -- Physically-Based Models For Estimating Rainfall Triggering Debris Flows In Campania (Southern Italy) -- Role Of Land Use In Landslide Initiation On Terraced Slopes: Inferences From Numerical Modelling -- Analysis Of The Impact Of Precipitation On Landslide Activity Within The Erosive Slopes Of River Valleys Of The South Of Ukraine -- Landslide Monitoring And Management Challenge In Remote Papua New Guinea.

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 fourth volume contains the following: • Earthquake-Induced Landslides • Rainfall-Induced Landslides • Rapid Landslides: Debris Flows, Mudflows, Rapid Debris-Slides • Landslides in Rocks and Complex Landslides: Rock Topples, Rock Falls, Rock Slides,Complex Landslides • Landslides and Other Natural Hazards: Floods, Droughts, Wildfires, Tsunamis, Volcanoes 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 NationalPlatform for Disaster

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