Record Nr. UNINA9910298370403321 Landslide Science for a Safer Geoenvironment: Volume 2: Methods of **Titolo** Landslide Studies / / edited by Kyoji Sassa, Paolo Canuti, Yueping Yin Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2014 **ISBN** 3-319-05050-8 Edizione [1st ed. 2014.] Descrizione fisica 1 online resource (812 p.) Disciplina 333.7 551 551.307 624.15 Soggetti Environment Engineering geology Engineering—Geology **Foundations Hydraulics** Natural disasters Environment, general Geoengineering, Foundations, Hydraulics Natural Hazards Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references at the end of each chapters. Nota di contenuto Physical Modelling and Material Testing -- Application of Numerical Modelling Techniques to Landslides -- Remote Sensing Techniques for Landslide Mapping and Monitoring -- Hazard Mapping -- Monitoring, Prediction and Warning of Landslides -- Risk Assessment -- Remedial Measures & Prevention Works -- Risk Reduction Strategy -- Inventory and Database -- Capacity Development for Landslide Mitigation. This volume contains peer-reviewed papers from the Third World Sommario/riassunto Landslide Forum organized by the International Consortium on Landslides (ICL) in June 2014. The complete collection of papers from the Forum is published in three full-color volumes and one mono-color

volume. This second full-color volume contains the following: • Physical modeling and material testing

- Application of numerical modeling techniques to landslides
- Remote sensing techniques for landslide mapping and monitoring
- Hazard mapping · Monitoring, prediction, and warning of landslides · Risk assessment · Remedial measures and prevention works · Risk reduction strategy · Inventory and database.