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Titolo	Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tools : Volume 1: Fundamentals, Mapping and Monitoring // edited by Kyoji Sassa, Fausto Guzzetti, Hiromitsu Yamagishi, Željko Arbanas, Nicola Casagli, Mauri McSaveney, Khang Dang
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-57774-3
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XVII, 604 p. 477 illus., 435 illus. in color.)
Disciplina	551
Soggetti	Natural disasters Geotechnical engineering Geomorphology Remote sensing Environmental monitoring Learning Instruction Natural Hazards Geotechnical Engineering & Applied Earth Sciences Remote Sensing/Photogrammetry Monitoring/Environmental Analysis Learning & Instruction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Fundamentals -- Part 1: Mapping and Site Prediction -- Basic Mapping -- Site Prediction Using GIS -- Field Guidelines -- Part 2: Monitoring and Early Warning -- Remote Sensing Techniques for Landslide Monitoring -- Monitoring Systems Instrumentation -- Rainfall Threshold for Landslide Prediction -- Landslide Time Prediction from Pre-failure Movement Monitoring -- Guidelines for Landslide Monitoring and Early Warning Systems.
Sommario/riassunto	This interactive book presents comprehensive information on the

fundamentals of landslide types and dynamics, while also providing a set of PPT, PDF, and text tools for education and capacity development. As the core activity of the Sendai Partnerships, the International Consortium of Landslides has created this two-volume work, which will be regularly updated and improved over the coming years, based on responses from users and lessons learned during its application.
