

1. Record Nr.	UNINA9910145037403321
Titolo	Landslide hazard and risk [[electronic resource] /] / editors, Thomas Glade, Malcolm Anderson, Michael Crozier
Pubbl/distr/stampa	Chichester, West Sussex, England ; ; Hoboken, NJ, : J. Wiley, c2005
ISBN	1-280-30870-2 9786610308705 0-470-01265-X 0-470-01264-1
Descrizione fisica	1 online resource (834 p.)
Altri autori (Persone)	GladeThomas AndersonMalcolm CrozierMichael J
Disciplina	551.3/07 551.307
Soggetti	Landslides - Risk assessment Landslides - Social aspects Slopes (Soil mechanics) Electronic books.
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 and indexes.
Nota di contenuto	Landslide Hazard and Risk; Contents; List of Contributors; Preface; 1 Landslide Hazard and Risk: Issues, Concepts and Approach; PART 1 CONCEPTUAL MODELS IN APPROACHING LANDSLIDE RISK; 2 The Nature of Landslide Hazard Impact; 3 A Review of Scale Dependency in Landslide Hazard and Risk Analysis; 4 Systematic Procedures of Landslide Hazard Mapping for Risk Assessment Using Spatial Prediction Models; 5 Vulnerability to Landslides; PART 2 EVALUATION OF RISK 6 Landslide Risk Perception, Knowledge and Associated Risk Management: Case Studies and General Lessons from Glacier National Park, Montana, USA7 Cultural Consideration in Landslide Risk Perception; 8 Reply of Insurance Industry to Landslide Risk; 9 The Role of Administrative Bodies in Landslide Risk Assessment; 10 Addressing Landslide Hazards: Towards a Knowledge Management Perspective; PART 3 MANAGEMENT OF LANDSLIDE RISK; 11 Management

Frameworks for Landslide Hazard and Risk: Issues and Options
12 Reducing Landslide Hazards and Risk in the United States: The Role of the US Geological Survey
13 Basic Data and Decision Support for Landslide Management: A Conceptual Framework; 14 Instability Management from Policy to Practice; 15 Geomorphological Mapping to Assess Landslide Risk: Concepts, Methods and Applications in the Umbria Region of Central Italy; 16 Remote Sensing of Landslides; 17 The Rise and Fall of a Debris-flow Warning System for the San Francisco Bay Region, California; 18 Reforestation Schemes to Manage Regional Landslide Risk
19 Geotechnical Structures for Landslide Risk Reduction
PART 4 'END-TO-END SOLUTIONS' FOR LANDSLIDE RISK ASSESSMENT; 20 Towards the Development of a Landslide Risk Assessment for Rural Roads in Nepal; 21 Quantitative Landslide Risk Assessment of Cairns, Australia; 22 The Story of Quantified Risk and its Place in Slope Safety Policy in Hong Kong; 23 Rockfall Risk Management in High-density Urban Areas. The Andorran Experience; 24 Landslide Risk Assessment in Italy
25 An Initial Approach to Identifying Slope Stability Controls in Southern Java and to Providing Community-based Landslide Warning Information
PART 5 SYNOPSIS; 26 Landslide Hazard and Risk - Concluding Comment and Perspectives; Glossary; Thematic Index; Locations/regions; COLOUR PLATE SECTION

Sommario/riassunto

With the increasing need to take an holistic view of landslide hazard and risk, this book overviews the concept of risk research and addresses the sociological and psychological issues resulting from landslides. Its integrated approach offers understanding and ability for concerned organisations, landowners, land managers, insurance companies and researchers to develop risk management solutions. Global case studies illustrate a variety of integrated approaches, and a concluding section provides specifications and contexts for the next generation of process models.
