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Nota di contenuto	Chapter 1. Introduction to Hydrogeological Hazards -- Chapter 2. Loess Landslides and Water Resources Management -- Chapter 3. Land Subsidence and Groundwater Seepage -- Chapter 4. Earth Fissures and Natural Resources Mining -- Chapter 5. Karst Collapse and Its Management -- Chapter 6. Mine Water Inrush and Its Prediction -- Chapter 7. Groundwater Contamination and Induced Risk and Hazard in a Karst Aquifer.
Sommario/riassunto	This book addresses geohazards by establishing their unique hydrogeological conceptual site models. Geohazards occur in many forms and scales either naturally or induced by human's activities. Many geohazards such as earth fissure, ground collapse and subsidence, mine water inrush, and groundwater contamination are closely related to hydrogeological conditions and their dynamics. Water, either surface water or groundwater, acts as a resource and an

enabling agent that elevates geohazard risks in areas that are inherently vulnerable. The book presents case studies to describe identification and investigation methods, monitoring and early-warning techniques, modeling approaches, and engineering measures to prevent, control, and mitigate these geohazards. It targets students, researchers, practitioners, and decision makers who are engaged in water resource management, project planning, and geohazard control and management.

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