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Titolo	Processes of Speleogenesis : A modeling approach
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Descrizione fisica	1 electronic resource (376 p.)
Collana	Carsologica ; 4
Soggetti	Geological surface processes (geomorphology)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Sommario/riassunto	<p>This book draws together the major recent advances in the modeling of karst systems. Based on the dissolution kinetics of limestone, and flow and transport processes in its fractures, it presents a hierarchy of cave genetic situations that range from the enlargement of a single fracture to the evolution of cavernous drainage patterns in confined and unconfined karst aquifers. These results are also applied to the evolution of leakage below dam sites in karst. The book offers a wealth of informations that help to understand the development of cave systems. It addresses geologists, hydrologists, geomorphologists, and geographers. It is also of interest to all scientists and engineers who have responsibilities for groundwater exploration and management in karst terrains. A CD including all figures figures from the book and numerous animations presenting the results is enclosed.</p> <p>Knjiga Processes of speleogenesis: a modeling approach (Procesi speleogeneze: modelski pristop) ponuja izrpen vpogled v procese in dinamiko razvoja kraškega razpoklinskega sistema. Na podlagi numerinih modelov odgovarja na vprašanja, kako hitro in kje se v razlinih pogojih razvijajo kraški kanali ter kateri parametri vplivajo na njihov razvoj. Knjigi je dodana zgošenka, na kateri so rezultati najbolj tipinih primerov prikazani v obliki animacij.</p>