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Titolo	Recent Technologies for Disaster Management and Risk Reduction : Sustainable Community Resilience & Responses / / edited by Praveen Kumar Rai, Prafull Singh, Varun Narayan Mishra
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Descrizione fisica	1 online resource (483 pages)
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Soggetti	Natural disasters Environmental management Environmental monitoring Natural Hazards Environmental Management Environmental Monitoring
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Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Glacial lake outflow hazard and risk probability in Sikkim -- Rockfall Hazard Assessment using RAMMS for the SE Facing Escarpment of Manikaran, Himachal Pradesh, India -- Investigation of Indian Summer Monsoon Rainfall relationship with the Bay of Bengal sea surface temperature and currents -- A comparative study of interpolation methods for mapping soil properties: a case study of eastern part of Madhya Pradesh, India -- Geo Spatial application for coastal morphology changes along the sand mining coast: a case study on Alappad, Kerala.
Sommario/riassunto	This book explains to governments, decision makers and disaster professionals the potential uses of recent technologies for disaster monitoring and risk reduction based on the knowledge and experience of prominent experts/researchers in the relevant fields. It discusses the application of recent technological developments for emerging disaster risks in today's societies and deliberates on the various aspects of disaster risk reduction strategies, especially through sustainable

community resilience and responses. This book consists of selected invited papers on disaster management, which focus on community resilience and responses towards disaster risk reduction based on experiences, and closely examines the coordinated research activities involving all stakeholders, especially the communities at risk. Many regions of the world and aspects of disaster risk and its management are covered. It is described how recent technologies will support better understanding and action to reduce the number and impact of disasters in future. The principal audience for this book is researchers, urban planners, policy makers, as well as students.