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Autore	Sajjad Haroon
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Altri autori (Persone)	SiddiquiMasood Ahsan RahmanAtiqur SiddiquiLubna NaqviHasan Raja ShakeelAdnan Asipha
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Nota di contenuto	Temporal investigation of climate impact on landslide pattern in Bageshwar district Uttarakhand India using geospatial approach -- Rock cut slope stability at Sohna on NH-919, Gurgaon -- GIS-based landslide hazard zonation using weighted overlay method (WOM) a case study of national highway 1 Kashmir Himalayas.
Sommario/riassunto	This book focuses on landslide hazard mapping, identification of site-specific drivers of landslide occurrence, and assessment of landslide susceptibility, vulnerability, risk and mitigation using advanced techniques and approaches. The book encompasses the use of geospatial technologies, artificial intelligence, machine learning algorithms, and advanced statistical models to explore multi-

dimensionality of landslide hazard. The book is a synthesis of research papers presented at the National Conference on Landslide Risk Assessment and Mitigation in India, organized by the Department of Geography, Jamia Millia Islamia, New Delhi, India, 01–02 November 2022. The book is organized into four parts made up of 21 chapters. Part I deals with landslide hazard mapping. Part II covers landslide susceptibility mapping and assessment. Part III evaluates landslide risk. Finally, Part IV presents multi-disciplinary approach and holistic mechanism to devise landslide mitigation strategies. The chapters help better understand the intertwined physical processes, causes of landslides, potential risk factors, movement characteristics, and role of engineering and technology to minimize upcoming human, physical and economic losses. The book is a valuable resource for researchers, academicians, stakeholders, and policy makers.