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Collana	Key Challenges in Geography, EUROGEO Book Series, , 2522-8420
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Nota di contenuto	Key Challenges in Geography Research with Geospatial Technologies -- Part I: Geospatial Challenges and Geographical Problems -- The Geographical Information Systems: Tools for the Effective Management of the Cultural Heritage in the Event of Natural Disasters -- Using Geospatial Technologies in Mapping the Distribution and Quality of Ecosystems -- Linking Real Geographies and Virtual Realities with Immersive Geospatial Technologies.-Location Is Value: Spatial and Business Modelling Integration -- Mining Big Data for Tourist Hot Spots: Geographical Patterns of Online Footprints -- Contribution of GIS and Hydraulic Modeling to the Management of Water Distribution Network -- Challenges of Remote Sensing Evaluation of Spatial and Temporal Variations in Land Surface Temperature -- Part II: Geospatial Challenges and Geographical Skills -- Web Map Application to Support

Spatial Planning, Decision-making and Transition Towards Climate-smart Landscapes in the Tata Hills, Kenya -- The Role of Geographic Technologies in the Measure of Spatial Equity. 21st Century Solutions for Old Geographic Issues -- Changing River Courses and Border Determination Challenges - The Case of the Slovenian-Croatian Border -- Cultural Heritage and Collective Knowledge -- Geoweb Methods and Tools for Public Participation in Urban Planning: Selected Cases from Poland -- The Quest to Define the Knowledge and Skills Needed by Geospatial Professionals -- Uncertainty Challenge in Geospatial Analysis. An Approximation from the Land Use Cover Change Modelling Perspective -- The Pervasive Challenge of Error and Uncertainty in Geospatial Data.

Sommario/riassunto

This book focuses on 21st century geospatial technologies (GT). It highlights their broad range of capabilities and their essential role in effectively addressing and resolving critical everyday issues, such as environment, sustainability, climate change, urban planning, economy, culture and geopolitics. Featuring chapters written by leading international scientists, it discusses the application of GT tools and demonstrates that the problems requiring such tools transcend national boundaries, cultures, political systems and scientific backgrounds on a global scale. In addition, it enhances readers' spatial understanding of, and geographical reasoning in connection with, societal issues. The book will appeal to scientists, teachers and students of geography, the earth sciences and related areas, as well as decision-makers interested in the application and capabilities of geospatial technologies and new, spatial methods for addressing important issues. .
