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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Foreword -- introduction -- Part I: Data Acquisition and Modeling -- Chapter 1. Level of Details Harmonization Operations in OpenStreetMap Based Large Scale Maps -- Chapter 2. Cartographic Representation of Soundscape: Proposals and Assessment -- Chapter 3. Evaluating the Current State of Geospatial Software as a Service Platforms: A Comparison Study -- Chapter 4. Big geo-data handling based on parallel and distributed system's strategies -- Chapter 5. Productive Networks and Indirect Locations -- Part II: Data Quality and Reliability -- Chapter 6. Assessment of Volunteered Geographic Information Data Quality in The National Map Corps Project of the U.S. Geological Survey (USGS) -- Chapter 7. On Reliability of Routes Computed Based on Crowdsourced Points of Interest -- Chapter 8. A Comparison of Volunteered Geographic Information (VGI) Collected in Rural Areas to VGI Collected in Urban and Suburban Areas of the United States -- Part III: Environmental Monitoring and Perception -- Chapter 9. Identifying Frostquakes in Central Canada and Neighbouring Regions in the United States with Social Media -- Chapter 10. Structuring Volunteered

Geographic Information Collection to Improve Information Processing Efficiency in Environmental Management -- Chapter 11. Volunteered Geographic Information for Building Territorial Governance in Mexico City: The Case of The Roma Neighborhood -- Chapter 12. Crowdsourcing of environmental health quality perceptions: A pilot study of Kromíř, Czech Republic.

Sommario/riassunto

This book promotes the exploitation of novel and emerging approaches for mapping environmental and urban informatics empowered by citizens. Chapters are grouped in three sections representing the main subjects. The first section describes data acquisition and modeling. The second section focuses on the quality and reliability of data. The final section presents different methods of environmental monitoring and perception. The book includes diverse case studies from Mexico, the United States and Czech Republic. Topics covered in Citizen Empowered Mapping are of interest for research scholars, practitioners, postgraduates, and professionals from a variety of disciplines including geography, environmental science, geographic information science, social science, and computer science.
