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Nota di contenuto	Section- I- Introduction: 1: Urbanism and Sustainable Development: A Dynamic Approach: Vasco Barbosa, Aldo Alvarez Risco -- Section-II – Urban and Smart Cities Land use Dynamics and Changing Biodiversity: 2: Problems of Habitat Destruction and Shrinkage of Wetlands, Change in Forest Cover: Nestor Asiamah,James Hayes -- 3: Resource Allocation, Depletion and Changing Urbanization and Future Smart Cities: Mohamed Elhoseny, Beata Wieteska-Rosiak -- 4: Urban and Smart Cities Changing Bio-diversity related to Water Scarcity and Flood using of geospatial technology- Case Study: Rostam Saberifar -- 5: Remote sensing and GIS-based study on Soil Erosion, Land Contamination, Land Degradation and Smart Cities: Narsimha Adimalla -- Section-III – Climate Change and Urban and Smart Cities Health and Waste Management: 6: Web-based Analysis of Air, and Water Pollution in Urabn and Smart Cities- Case Study: G.K. Panda, Sailesh Samanta -- 7: Smart Cities and Associates Solid Waste, Bio medical Waste, E-Waste issues and Management: Md. Atiqur Rahman,Jogesh Laishram -- 8: Smart Cities and Associated Problems of Temperature increase and heat island, Issues Related with Global Warming using spatial information: Abul Basar, Nils Ruther, Ashwani Tiwari -- Section-IV – Advances on Urbanism and Smart Cities Socio-Environmental

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Sommario/riassunto

This book offers a thorough description of the challenges posed by increasing global urbanization. In addition, comprehensive perspectives are offered on how the contemporary urban challenges of our time are tackled by existing designers, architects, urban planners, and landscape architects thereby considering climate change, migration, resilience, politics, and environmental degradation. It includes insights from environmental design, geography, strategic planning, and engineering design. It goes beyond the jargon of technical innovation, and exposes the political, social and physical effects of digitalizing the world in smart cities. The book focuses on the application of geospatial technology of smart cities – including system design for basic services, real-time control and the Internet of Things. It highlights the planning of land use, strategic development, and ecosystem-based knowledge to enhance economic growth and healthy urban environment and smart city management. The book also shows the contradictory aspects of smart city studies, and provides useful insights into the creation and execution of policies to strengthen decision-making processes in smart cities. This book leads the reader to a greater understanding of smart city growth, both theoretical and realistic and as such it provides an interesting read for urban geographers, urban designers and planners, environmental specialists, practitioners, students.
