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Collana	Disaster Resilience and Green Growth, , 2662-4893
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Nota di contenuto	Chapter 1 Climate Change and Urban Environment Sustainability: Issues and Challenges -- Chapter 2 Infrastructure, Energy Needs and Waste Management for Sustainable Urban Regions -- Chapter 3 Climate Change and Sustainable Urban Transport Environment -- Chapter 4 Importance of Climatological Inputs in the Green Infrastructure Design, Sustainable City Planning towards Better Urban Settlement -- Chapter 5 Methodology for Sustainable Urban Planning -- Chapter 6 Exploring Sustainable Food Systems for Urban Sustainability -- Chapter 7 Seagrasses in the Indian ocean region with special reference to urbanization -- Chapter 8 Water Quality Index: An Important Tool to Access Water Quality for Sustainable Development -- Chapter 9 Urbanization trends, Climate change and Environmental sustainability -- Chapter 10 Novel Technologies and Eco-friendly Lifestyle for Sustainable Cities -- Chapter 11 Spatial Analysis of Precipitation Climatology over India: Using satellite Remote Sensor -- Chapter 12 Timberline and Climate in the Indian Western Himalayan Region: Changes and Impact on Timberline Elevations -- Chapter 13 Design of Humanitarian Logistics Network Using Imperialist Competitive Algorithm -- Chapter 14 Impact of Climate Change Related Heat Stress on Thermophysiological Vulnerability Among Workers in Unorganized Sectors -- Chapter 15 Seagrass of Southeast Asia: Challenges,

Prospects, and Management Strategies -- Chapter 16 Effect of Climate Change and Urbanization on Mangrove Ecosystems -- Chapter 17 Urbanization and climate change impact on habitat destruction and zoonotic species emergence -- Chapter 18 Roles of Community Resilience and Risk appraisal in climate change adaptation.

Sommario/riassunto

This book covers the understanding on relationship between climate change, urban development, and environment sustainability with emphasis on relevant issues and challenges of urban environment sustainability. It deals with the concept of climate resilient urban development, effective implementation of climate change adaptation and mitigation actions to promote urbanization from a social, economic, and environmental perspective. Climate change is a critical issue and having serious concern. Understanding the mechanism of climate change and climate variability is an important aspect and requires monitoring in their regional perspectives. Smart and resilient urbanization are essential in tackling the growing threat of climate instability. Different analytical and practical approaches to foster resilience and environmental sustainability in urban areas covering the recent trends, developments and tools related to urban environment, sustainability, and climate change. There is a big demand of understanding on the relationship between climate change, urban environment sustainability due to fast urbanization and an urgent need for constructive and effective mechanism to protect the life and property of human being from expected or anticipated hazards and disasters. This book is of interest and useful to academicians, researchers, scientists, environmentalists, land resource managers, climate change scientists, forest administrators. Also, the book serves as a reference to researchers and students of agriculture, forestry, ecology, soil science, and environmental sciences. Policy makers will also find this to be a useful read.
