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of the City of Bhopal -- Chapter 10. Comprehending drought mitigation probabilities through integrated techniques of using NbS and traditional disaster risk management -- Chapter 11. Urban Flood Prevention Through Community-Centered Green Stormwater Infrastructure Planning -- Chapter 12. Shifting Sands and Rising Seas: An Exploratory Study of Community-Centric Nature-Based Solutions for Coastal Hazards and Coastal Erosion in Alappad, Kerala, India -- Chapter 13. Exploring the impact of place attachment on residents' preferences for implementing NbS in urban areas: A Case of Using Stormwater Recycled through MAR in Taiyuan, China -- Chapter 14. Policy, frameworks and tools for risk-informed uptake of NbS -- Chapter 15. Using the Key Player Approach to Design and Manage Adaptive Urban Governance for Nature-Based Solutions Implementation: Study of Vienna and Tucson -- Chapter 16. Drivers of Successful Implementation of Nature-Based Solutions Initiatives: Challenges and Policy Recommendations.

Sommario/riassunto

This book explores the concept of nature-based solutions (NbS) as a sustainable approach to tackle the environmental challenges in urban and peri-urban areas such as biodiversity loss and urbanization in the changing climate. The book highlights the myriad benefits of NbS, including enhancing resilience, mitigating urban heat island effect, promoting biodiversity, and improving air and water quality. Drawing on real-world case studies from different global contexts, the book provides practical examples of successful NbS implementation in various urban and peri-urban settings. Through an interdisciplinary lens, the book discusses the science, policy, and governance aspects of NbS, emphasizing the need for collaboration among stakeholders, policymakers, and communities to effectively implement the solutions. It will also explore the economic benefits of NbS and how they can contribute to the well-being and social equity of urban populations. The book serves as an essential guide for policymakers, researchers, and practitioners seeking sustainable and nature-centric approaches to address the environmental challenges that cities and peri-urban areas face in the twenty-first century.