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Nota di contenuto	1. Overview of Urban Planning and Water-related Disaster Management -- Part I. Water-Related Disaster and Urbanization -- 2. Floods and Culture -- 3. Urban Storm Flooding Management in Beijing -- 4. A Revisit to Impact of Urbanization on Flooding -- Part II. Monitoring and Simulation of Water-related Disaster -- 5. Evaluation and Application of the Latest Satellite-Based Precipitation Products with a Distributed Hydrological Model in the Lower Mekong River Basin -- 6. Assessment of Climate Change Impacts on Urban Rainfall Extremes for Achieving Sustainable Urban Water Development in Hanoi, Vietnam -- Part III. Integrating Urban Planning with Water-related Disaster Management -- 7. Improvement Practice and Planning Assessment of Tsunami Evacuation Plan at Community Level-Case Studies of Municipalities with Coastline in Chubu Region -- 8. Integrated Criteria for Flood Disaster Mitigation in Indonesian Urban Masterplan; Housing and Settlement Suitability Case in Palu Urban Masterplan -- 9. Design Parameters of Residential Building for Improving Performance of RHS: Evidence from Fuzhou, Fujian Province, China.

Sommario/riassunto

Urban areas face daunting environmental, economic and social challenges that have increased in scope in recent years, especially given climate change and globalization. At the same time, cities provide exciting opportunities for growth and revitalization of local and national economies. The interplay of these challenges and opportunities create important tasks for policymakers and researchers. This book provides a new horizon for exploring solutions to urban problems, especially water-related disasters in urban areas. It is of a cross-disciplinary nature offering both new concepts and practices that will help to promote communication between urban planning communities and water management professionals in order to integrate water-related disaster management into spatial planning. .
