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Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Adaptation to Incremental Climate Stress in Urban Regions -- Flood Risk Reduction and Climate Change in Large Cities South of the Sahara -- Climate Change Impacts and Institutional Response Capacity in Dar es Salaam, Tanzania -- Climate Change Effects on Seawater Intrusion in Coastal Dar es Salaam -- Urban Sprawl as a Factor of Vulnerability to Climate Change -- Linking Adaptive Capacity and Peri-Urban Features -- Mainstreaming Adaptation into Urban Development and Environmental Management Planning -- Knowledge Sharing on Climate Change as a Resource for Adaptation Processes -- Climate Change Hazards Identification in the Maputo Area -- Impacts of Ocean Dynamics, Climate Change and Human Pressure on the African East Coast -- Flood-Prone Areas due to Heavy Rains and Sea Level Rise in the Municipality of Maputo -- Flood Risk due to Heavy Rains and Rising Sea Levels in the Municipality of Maputo -- Ongoing and Future Flood Adaptation Measures in the Municipality of Maputo -- Linking Vulnerability and Change: A Study in Caia District, Mozambique.

In recent decades, extreme rains and drought have struck urban regions in Africa like never before. Nevertheless, limited information is available on which to base development of early warning systems, identification of high-risk zones, and formulation of local action plans. This book is about how to build the knowledge necessary for planning adaptation to climate change in Sub-Saharan cities. It brings together lessons learned from international development actions conducted by a number of scholars in disciplines ranging from meteorology and hydrogeology to urban planning and environmental management. Selected methods to assess the impacts of extreme weather and ecological stress are presented along with possible approaches to improve the adaptive capacity of Sub-Saharan cities through institutional measures at the local government level. The book is addressed to graduate students, researchers, and practitioners interested in enhancing their knowledge and skills in order to integrate climate change into applied research and development projects in urban Africa.
