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Altri autori (Persone)	GallowayWilliam ShawRajib
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Nota di contenuto	Chapter 1 - Understanding Change in Tokyo through Food, Energy, and Water Security -- Chapter 2 - Design-led Nexus Approach for Sustainable Urbanisation -- Chapter 3 - Climate Change in Global Cities -- Chapter 4 - Scaling the Food-Energy-Water Concept in Tokyo -- Chapter 5 - Land Use Planning and Conservation Policy in the Tokyo Metropolitan Area -- Chapter 6 - Green Infrastructure in Tokyo -- Chapter 7 - Calculating the Demand for Food, Energy and Water in the Spatial Perspective -- Chapter 8 - Identifying Gaps between Food Supply and Demand under Compact City Policies -- Chapter 9 - Urban Agriculture as a Tool for Adapting Cities for the Future -- Chapter 10 -

Assessing Urban Resource Consumption and Carbon Emissions from a Food-Energy-Water Nexus Perspective -- Chapter 11 - Impacts of the 2011 Disaster on Food-Energy-Water Material Flows and Resource Use Efficiency in Yokohama City -- Chapter 12 - The Potential of Hydrogen Energy and Innovative Diffusion Models in Japan -- Chapter 13 Hydrogen Refueling Station Siting and Development Planning in the Delivery Industry -- Chapter 14 - Visualizing Social Capital and Actor Networks for Sustainable Suburban Areas -- Chapter 15 - Policy interventions for resilience and adaptive cities -- Chapter 16 - Towards A New Resilience.

Sommario/riassunto

Our cities, and the systems that support them, have not been designed to address the FWE nexus. There exist gaps in awareness of the role and impacts of climate change. Improving communication among stakeholders with the support of scientific evidence is the key to narrowing the gaps. This book approached this issue with a multidisciplinary and transdisciplinary moveable nexus approach through the lens of FEW nexus under the project of the Sustainable Urbanization Global Initiative of Belmont Forum. It presents a collection of evidence/science-based planning decisions and participatory practices by using Tokyo as the focal area. It visualizes the stock and flow of the Food-Water-Energy (FEW) supporting the world’s largest metropolitan area, explores how the actors have worked together to secure the resilience and sustainability of resources, and demonstrates the potential of resources in making the city adaptive to climatic and social changes. It is designed for researchers in urbanization, nexus research, urban design research, environment, disaster risk reduction, and climate change studies, and can be used as a textbook for university courses. It is also a useful tool for practitioners and policymakers in applying collective knowledge to policy and decision-making.