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Nota di contenuto	Charting Livable and Resilient Cities -- A Conceptual Framework Designed to Fulfill the Necessities of Urban Development -- Type of Public Open Space as a Condition for Walkability in the Town Centre of a Small Town -- Childrens City Architecture is not only Playing Grounds -- Urban Agroecology and the Wellbeing of Older Adults Exploring the Impacts of Residential Scale Pesticide Free Vegetable Production in Chiang Mais Urban Landscape -- Revitalizing urban street dynamics via strategies for climate control a tool for design and evaluation -- Green Hydrogen production potential from agricultural biomass in Togos coastal region.
Sommario/riassunto	This book gathers a diverse collection of essays analyzing the connections between urban design, sustainability, and climate

adaptation. This extensive volume is constructed around four significant themes: urban design and public spaces, renewable energy and building technologies, climate adaptation strategies, and behavioral and policy approaches to climate change mitigation. The first section tests the essential role of urban design in creating resilient, walkable communities and public spaces, digging into topics such as urban agroecology, children's city architecture, and innovative strategies for climate control in urban settings. From the traditional storm water management systems of India to the revitalization of street dynamics, these chapters demonstrate how design can contribute to urban resilience. The second section emphasizes on the area of renewable energy and sustainable building technologies, with a certain stress on how buildings can reinforce zero-energy and low-carbon living in altering climates. The section covers leading inventions such as building-integrated photovoltaics (BIPV), green hydrogen production, and passive design strategies, granting a roadmap for integrating renewable energy solutions into both residential and urban scales. In the third part, the book surveys climate adaptation strategies that tackle the obstacles caused by climate change. Case studies of urban and architectural solutions reveal how outdoor space geometry, green infrastructure, and hydrophilic design can relieve the effects of severe weather conditions, enhance air quality, and elevate thermal comfort in dry and tropical climates. Ultimately, the book analyzes behavioral and policy tactics to climate change moderation, underlining the weight of sustainable practices at both discrete and institutional levels. Topics such as climate finance, travel adaptation strategies, and the role of universities in urban regeneration accentuate the serious connection between policy, human behavior, and climate action.