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Nota di contenuto	Multivariable Interactions on Simulation-based Energy-saving Building Design with Response Surface Methodology -- Performance of L-shaped Mini Louvers in Tropical Cities in Cooling Load Energy Reduction: Case Study of Mumbai, Mexico City, and Lagos -- User perception of Energy Efficiency in School of Architecture and Built Environment (SABE) Building Kigali, Rwanda -- Research on Small Sewage Treatment Technology -- Smart Energy Infrastructure & Technology: Assessing Community Preparedness for Residential Solar Uptake -- A Comparative Study of Spanish Mid-Sized Smart Cities from The Citizen's Perspective.

Sommario/riassunto

This book explains how learning from past mistakes in urban design can help to enhance sustainable cities and how the principles of Green Urbanism can yield more resilient urban settlements. Environmental design is a fundamental principle in shaping cities. However, environmental challenges like increased resource consumption, water degradation and waste-related issues are among the greatest problems now facing humanity – which is why these issues need to be considered with regard to “smart cities,” either for the development of new urban centers or for the transformation of existing cities. The book not only discusses the importance of integrating sustainability principles in the urban design process, but also demonstrates their application to the development of sustainable cities. As such, the book offers essential information and a source of inspiration for all those who want to build more sustainable cities.
