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Nota di contenuto	Chapter 1: A time and a place for everything -- Chapter 2: Smart Cities of Tomorrow -- Chapter 3: Rethinking Urban Landscapes: Self-Supported Infrastructure, Technology and Territory -- Chapter 4: Invincible Cities for the Materiomomic Age -- Chapter 5: Qualitative Affects of Building Life Cycle: The Formation of Architectural Matter -- Chapter 6: Other Cities -- Chapter 7: Urban Parangolé: The Syncretic City -- Chapter 8: High Performance Buildings: Measures, Complexity, and Current Trends -- Chapter 9: Ecocities: the role of networks of green and blue spaces -- Chapter 10: Decarbonising City Precincts: An Australian Perspective -- Chapter 11: The rebirth of distance in the context of urban sustainability -- Chapter 12: Cities for Smart Environmental and Energy Futures Urban heat island mitigation techniques for sustainable cities -- Chapter 13: Building Conservation Towards a Sustainable Future: Use Of GPR -- Chapter 14: Evaluation of the shading efficiency of the shading devices installed in the tram stations in Athens -- Chapter 15: Modeling and Control of Large and Flexible Wind Turbines in Variable Speed Mode -- Chapter 16: Sustainable Design for Campus Residential Housing -- Chapter 17: House Biographies: Housing Studies on the Smallest Urban Scale -- Chapter 18: For the Smarter Good of Cities – On the Urban Predicament, Complexity and Slippages in the Smart City Discourse.

Sommario/riassunto

Cities for Smart Environmental and Energy Futures presents works written by eminent international experts from a variety of disciplines including architecture, engineering and related fields. Due to the ever-increasing focus on sustainable technologies, alternative energy sources, and global social and urban issues, interest in the energy systems for cities of the future has grown in a wealth of disciplines. Some of the special features of this book include new findings on the city of the future from the macro to the micro level. These range from urban sustainability to indoor urbanism, and from strategies for cities and global climate change to material properties. The book is intended for graduate students and researchers active in architecture, engineering, the social and computational sciences, building physics and related fields. .
