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Collana	Sustainable Civil Infrastructures, , 2366-3413
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Disciplina	304.2
Soggetti	Sustainability Sociology, Urban Technology - Sociological aspects Information technology Urban policy Urban ecology (Biology) Urban Sociology Information and Communication Technologies (ICT) Urban Policy Urban Ecology
Lingua di pubblicazione	Inglese
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Sommario/riassunto	This book provides a comprehensive manual for researchers, practitioners, policymakers as well as students striving to achieve environmental sustainment. It is exploring advanced developments in smart cities infrastructure and sustainability engineering. In addition, this book delivers advanced methodologies, emerging and innovative technologies that shape sustainable urban technologies. Including the renewable energy systems of tomorrow, to low-impact manufacturing procedures today; every section provides insight and real-world implementation. The book bridges the gap between theory and

practice, making it an essential tool to turn sustainability challenges into opportunities. Salient characteristics comprise: 1. Global perspective: Allows for flexibility in solutions given a multitude of successful examples around the world from different cultural and geographic locations. 2. Multidisciplinary approach: Integrating perspectives from engineering, environmental science, economics and policy studies for holistic problem solving. 3. Financial sustainability: Innovative business models to make sustainable solutions good for the environment and even better economically. This provoking literature questions conventional wisdom and promotes adventurous visions of sustainability. By highlighting emerging trends in cloud computing, cybersecurity, and big data for urban development, readers are prepared to lead the next paradigm shift in sustainable innovation.

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