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Nota di contenuto Chapter 1. Introduction: Actions for Urban Climate Change Adaptation

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Coastal Region of Togo: A Survey-Based Investigation -- Part III. Climate Adaptation and Resilience Strategies -- Chapter 10. Exploring the Interplay between Urban Landscape and Land Surface Temperature: Case Study of South Twenty Four Parganas -- Chapter 11. Six Hidden Changes in Mobility during COVID-19 and their Impact on Future Transport Technologies and Research Direction -- Chapter 12. An Evaluation of Sustainable Development Goal Seven (Affordable and Clean Energy) in Ghana -- Chapter 13. Assessing the progress of Clean Water and Sanitation (SDG 6) Implementation in Ghana -- Part IV. Sustainable Development and Community Engagement -- Chapter 14. Evaluating the implementation of Sustainable Development Goal 11: A focus on Sustainable Cities and Communities in Ghana -- Chapter 15. Energy Performance Improvement in Lebanese Family House -- Chapter 16. Planning and designing a sustainable mobility system in rural areas -- Chapter 17. Emirati Local Communities as Balanced Ecosystems: Pilot Study for Individualistic Residents-Led Urban Agriculture Within Housing Clusters -- Part V. Environmental Solutions and Innovations --Chapter 18. Using phytoremediation to reduce algal blooms in campus green-blue space: a research-through-design study -- Chapter 19. A study on participatory attitudes and behaviors of rural residents in sanitation facilities -- Chapter 20. Research on Zhe-style Dwelling Houses From the Perspective of Architecture Culture -- Chapter 21. Nature as adaptive project: regenerating Porta Romana shaping a new character.

Sommario/riassunto

"Urban Climate Change Adaptation" is a timely and informative book that delves into the complex challenges posed by climate change and explores the pathways to achieving environmental sustainability. The book begins by examining the scientific consensus on climate change, detailing the causes and consequences of rising global temperatures, changing weather patterns, and the resulting impacts on ecosystems and human societies. Readers are further introduced to a range of innovative and nature-based solutions that promote environmental sustainability. These solutions encompass a diverse array of approaches, including renewable energy, sustainable agriculture, conservation of biodiversity, and the restoration of ecosystems. The book serves as an indispensable resource for anyone seeking a comprehensive understanding of complex issues on climate change and the pursuit of environmental sustainability. It also offers practical solutions for individuals, communities, and policymakers.

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