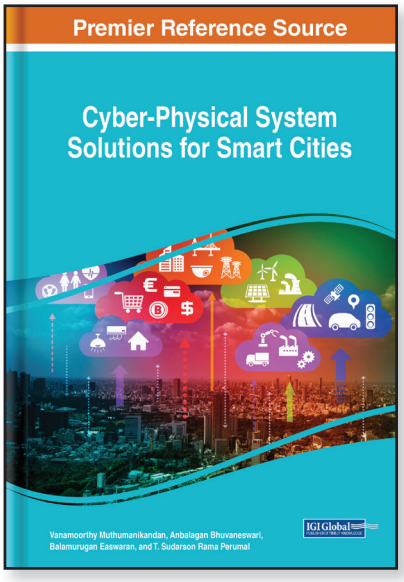
Cyber-Physical System Solutions for Smart Cities



Part of the Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series

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Description:

The promotion of sustainable urban development and livable cities in the past three decades has effectively merged the themes of urban health, urban sustainability, and urban livability into an integrated research field. As more people are predicted to live in a relatively confined space, the balance between the physical/built environment, social environment, and urban dwellers becomes more delicate. Urban systems have evolved to be more complex than ever during this process. While complex systems often offer relative stability, delicate balance requires carefully designed plans and management to avoid collapse. It is, hence, of great interest and importance to know what future sustainable and livable cities look like.

Cyber-Physical System Solutions for Smart Cities considers how to improve the quality of the environment and healthy living in contemporary and future urban environments. Covering key topics such as environmental health, smart cities, and urban health, this premier reference source is ideal for policymakers, government officials, scholars, researchers, academicians, instructors, and students.

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Topics Covered:

- Environmental Health
- Health Systems
- Information Technology
- Livability
- Smart Cities
- Smart Health
- Sustainable Development
- Urban Health
- Urban Management
- Urban Planning

Subject: Social Sciences and Humanities

Classification: Edited Reference

Readership Level: Advanced-Academic Level (Research Recommended)

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

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