AI-Based Services for Smart Cities and Urban Infrastructure

Part of the Advances in Computational Intelligence and Robotics Book Series

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Description:

Cities are the next frontier for artificial intelligence to permeate. As smart urban environments become possible, probable, and even preferred, artificial intelligence offers the chance for even further advancement through infrastructure and industry boosting. Opportunity overflows, but without thorough research to guide a complicated development and implementation



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process, urban environments can become disorganized and outright dangerous for citizens.

Al-Based Services for Smart Cities and Urban Infrastructure is a collection of innovative research that explores artificial intelligence (AI) applications in urban planning. In addition, the book looks at how the internet of things and AI can work together to enable a real smart city and discusses state-of-the-art techniques in urban infrastructure design, construction, operation, maintenance, and management. While highlighting a broad range of topics including construction management, public transportation, and smart agriculture, this book is ideally designed for engineers, entrepreneurs, urban planners, architects, policymakers, researchers, academicians, and students.

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Topics Covered:

Al Policy City Development Construction Management Industry Economy IoT Connectivity Performance Evaluation Public Transportation Security Governance Smart Agriculture Smart City Service Smart Homes

Subject: Computer Science and Information Technology	Classification: Edited Reference
Readership Level: Advanced-Academic Level (Research Recommended)	Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

