



Smart Urban Mobility

Transport Planning in the Age of Big Data and Digital Twins

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AUDIENCE: Transport planners, urban policymakers, public administrators, city managers, data scientists, and consulting companies managing smart city interventions and data-driven urban transformation projects

Creates a bridge between big data research and urban transport planning for smarter mobility and smarter cities

KEY FEATURES

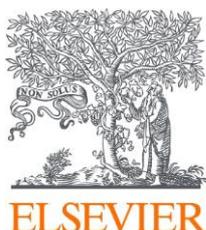
- Addresses key principles underlying smart mobility, as well as opportunities and challenges of integrating big data-driven insights into transport planning and smart cities
- Presents practical advice on how to implement smart mobility advances, providing a benchmark reference by best practice examples in the field
- Examines synthesis of existing gaps, limitations, and big data potential beyond traditional data needs for transport planning, as well as examples of the best practices

DESCRIPTION

Smart Urban Mobility: Transport Planning in the Age of Big Data and Digital Twins explores the data-driven paradigm shift in urban mobility planning and examines how well-established practices and strong data analytics efforts can be better aligned to fit transport planning practices and "smart" mobility management needs. The book provides a comprehensive survey of the major big data and technology resources derived from smart cities research which are collectively poised to transform urban mobility. Chapters highlight the important aspects of each data source affecting applicability, along with the outcomes of smart mobility measures and campaigns.

Transport planners, urban policymakers, public administrators, city managers, data scientists, and consulting companies managing smart city interventions and data-driven urban transformation projects will gain a better understanding of this up-and-coming research from this book's detailed overview and numerous practical examples and best practices for operational deployment.

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