Using Decision Support Systems for Transportation Planning Efficiency

Part of the Advances in Civil and Industrial Engineering (ACIE) Book Series

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Description:

The integration of technology into the transport planning sector has allowed for more stable, yet increasingly complex models that enable better analysis techniques and new approaches to decision making. These modern advances ensure higher productivity in addressing various planning problems.

Using Decision Support Systems for Transportation Planning Efficiency is a valuable reference source of the latest scholarly research on the vast improvements that computational innovations have made for transportation planners. This book features extensive coverage on a range of topics relating to spatial planning, environmental risks of transport, and traffic information systems.

This publication features timely chapters relevant to the area of transport planning, including artificial neural network models, logistics hubs, urban growth and expansion, accessibility modeling, sustainable mobility, hazardous materials transport, and urban intersections.

Readers:

This publication is a pivotal reference source for transportation planners, professionals, and academicians seeking expert information on a multitude of transportation issues.

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Topics Covered:

- Accessibility Modeling
- Artificial Neural Network Models
- Hazardous Materials Transport
- Logistics Hubs
- Sustainable Mobility
- Urban Growth and Expansion
- Urban Intersections

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