City Hubs Sustainable And Efficient Urban Transport Interchanges

City Hubs: Sustainable And Efficient Urban Transport Interchanges

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Cities are facing increasing demands for transportation services, which puts a strain on existing infrastructure and financial resources. In response, there is a growing interest in developing smarter, more sustainable, and efficient urban transport systems. This book provides a comprehensive overview of the latest research and best practices in the field.

Sustainability in the Urban Environment

- Matthew Slavin 2013-02-22

"Sustainability" is more than the latest "green" buzzword. It represents a new way of viewing the interactions of human society and the natural world. Sustainability in the Urban Environment highlights how cities are facing the challenge of developing solutions to conflicts between development and environment. As sustainability rises to the top of public policy agendas in many countries around the world, this book provides an introduction to sustainable development, technology and infrastructure outlines, codes, and guidelines for best practices in planning and design.

Performance and Quality Management in Urban Transport Systems

- William D. Pritchard 2009-03-20

This book offers a comprehensive overview of urban transport systems, from their design and planning to their operation and management. It covers topics such as transportation demand, traffic modeling, and network design, as well as the use of technology to improve system performance.

CITY-HUBs: Sustainable and Efficient Urban Transport Interchanges

- Matt Slavin 2013-02-22

This book introduces the concept of city hubs as key nodes in the urban transportation network, providing a framework for understanding and managing urban transport systems. It includes case studies from cities around the world, highlighting best practices and lessons learned.

The Hidden Wealth of Cities

- Eftihia G. Nathanail 2018-12-11

This book explores the hidden assets of cities, including cultural, historical, and social assets, and how they can contribute to economic development and sustainability. It provides a comprehensive overview of the concept of city hubs and how they can be leveraged to enhance urban livability.

The Hidden Wealth of Cities

- Dimitris Kiritsis (Kyritsis) 2019-08-14

With the advent of disruptive digital technologies, companies are facing unprecedented challenges and opportunities. Advanced manufacturing systems are pivotal in making these technologies a reality, and this book provides a comprehensive overview of the latest research and best practices in the field.

Sustainable Urban Transport Systems

- Gianluca Dell'Acqua 2017-03-16

Transport Infrastructure Asset Management

- Dimitris Kiritsis (Kyritsis) 2019-08-14

Transport Infrastructure Asset Management is a critical area of study for urban planners and engineers, as it involves the management of assets such as roads, bridges, and other transportation infrastructure. This book provides a comprehensive overview of the latest research and best practices in the field.

Urban Transport Systems and Infrastructure

- Woodrow W. Clark III 2014-02-10

Global Sustainable Communities Handbook

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management—a rich palette of creative and innovative strategies that every city can undertake to plan, finance, and manage both government-owned and privately owned public spaces.

Sustainable Cities and Communities Design Handbook

This book is a comprehensive guide to sustainable urban design and planning, offering insights into the latest research and best practices for creating livable, equitable, and resilient cities. The book covers a wide range of topics, including urban form, infrastructure, transportation, and community engagement. It is an essential resource for architects, urban designers, and planners who want to create sustainable and resilient communities.

Sharing Cities

The book presents a comprehensive overview of the sharing economy and its impact on urban design and planning. It covers a range of topics, including transportation, housing, and public spaces, and provides case studies and best practices from around the world. The book is an essential resource for urban designers, policymakers, and planners who want to understand the potential of the sharing economy to create more sustainable and equitable cities.

Improving Interchanges

This book provides a comprehensive overview of the role of interchanges in urban transportation systems and presents a range of strategies for improving their performance. It covers a wide range of topics, including traffic flow, safety, and accessibility, and provides case studies and best practices from around the world. The book is an essential resource for urban designers, policymakers, and planners who want to improve the performance of urban transportation systems.

Sustainable Communities Design Handbook: Green Engineering, Architecture, and Technology

This book is a comprehensive guide to sustainable design and engineering, offering insights into the latest research and best practices for creating energy-efficient and sustainable buildings and infrastructure. The book covers a wide range of topics, including building design, energy efficiency, and water management, and provides case studies and best practices from around the world. It is an essential resource for architects, engineers, and planners who want to create sustainable and resilient communities.

City Hubs Sustainable And Efficient Urban Transport Interchanges

This book presents a comprehensive overview of the role of transport interchanges in urban sustainability and provides a range of strategies for improving their performance. It covers a wide range of topics, including traffic flow, safety, and accessibility, and provides case studies and best practices from around the world. The book is an essential resource for urban designers, policymakers, and planners who want to improve the performance of urban transport systems.
In The Hub’s Metropolis, James O’Connell charts the evolution of Boston’s suburban development. The city of Boston is compact and consolidated—locally, “the Hub.” Greater Boston, however, stretches over 1,730 square miles and ranks as the world’s sixth largest metropolitan area. Boston suburbs began to develop after 1820, when wealthy city dwellers built country estates that were just a short carriage ride away from their homes in the city. Then, as transportation became more efficient and affordable, the map of the suburbs expanded. The Metropolitan Park Commission’s park-and-pavement system, developed in the 1890s, created a template for suburbanization that represents the country’s first example of regional planning. O’Connell identifies nine layers of Boston’s suburban development, each of which has left its imprint on the landscape: traditional villages; country retreats; railroad suburbs; streetcar suburbs (the first electric streetcar line, Newmarket Street in Boston, was designed by Frederick Law Olmsted); parkway suburbs, which emphasized public greenspace but also encouraged commuting by automobile; mill towns, with housing for workers; upper and middle-class suburbs accessible by outer-belt highways like Route 128, suburban McNaughton-dotted sprawl, and smart growth. Still a powerhouse, Greater Boston has pioneered untested initiatives that encourage compact, mixed-use development in existing neighborhoods near rail, road and transit stations. O’Connell reminds us that these nine layers of suburban infrastructure are still woven into the fabric of the metropolis. Each chapter suggests sites to visit, from Waltham country estates to Cambridge triple-deckers.

Achieving Sustainable Urban Form, Elizabeth Burton 2013-07-04 Achieving Sustainable Urban Form represents a major advance in the sustainable development debate. It presents research which defines elements of sustainable urban form—density, size, configuration, detailed design and quality—from macro to micro scale. Case studies from Europe, the USA and Australia are used to illustrate good practice within the fields of planning, urban design and architecture.

Rethinking Sustainable Cities, David Simon 2016-08-31 Makes a significant contribution to the sustainable urbanisation agenda through authoritative interventions contextualising, assessing and explaining the relevance and importance of three central characteristics of sustainable towns and cities everywhere: that they be accessible, green and fair.

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