

Transport Overcoming Constraints Sustaining Lity Urban Systems Studies

With China's economy and infrastructural development exploding, the world urgently needs avenues for a sustainable approach to its growth. Here Paul G. Harris explores these avenues, using Hong Kong as a case study to introduce the major concepts in sustainable development for China.

Sketching out the historical and political contexts for China's environmental policymaking, he analyzes key challenges related to the country's development, including air pollution,

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water quality, waste, transport, and climate change. Geared toward undergraduates and the young people who will be instrumental in managing China's growth, it provides a fundamental outlook on how China can achieve its goals in environmentally friendly ways.

With a current world population that exceeds seven billion, resource consumption awareness is more important than ever. Investing in sustainable technologies and renewable resources is a necessary step to ensure the future quality of life of all human beings. The Handbook of Research on Sustainable Development and Economics explores topics such as poverty, gender equality, health, security, and the environment through global empirical studies and fundamental frameworks. With

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the goal of promoting sustainable techniques for the global future, this handbook is a critical reference for business leaders, educators, policymakers, environmental specialists, and the public at large.

Reforming Urban Transport in India is an attempt to take stock of the various issues our cities and towns are facing in the area of urban transport, efforts made and being made both at the policy level as well as the field level to address the problems, the ever increasing complexities of challenges in the area of urban mobility and some of the laudable initiatives on the ground to handle the problems. This book would be a valuable addition to the limited literature available on the subject of urban transport in India. The topic has not attained

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much prominence even in the broader discussions on the transport sector issues in the country. The fact that we address our urban transport issues in a casual manner but there is need to take them up in a focused and purposeful manner and this can no longer be delayed is probably the one loud message which is emerging out of this volume. The wealth of knowledge of the contributors, each one of them having huge experience behind them in this sector, makes the book a valuable addition to the literature and a helpful guide in policy discussions.

The main theme of this study is chosen in response to the general consensus on the importance of conducting a comprehensive study that may shape the economic policies

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and promote the business sector as well as the government and other organizations. However, the key question posed by this study is whether the theory that political stability fosters economic development is simply the wishful thinking of people who value both stability and growth or whether it is a delusion of those who believe that most developing countries may enjoy rapid growth if they are stable. The importance of this study is clear: South Sudan is confronted with enormous challenges of administrative, ethnic, political, and economic development. In light of this, the current study addresses the following issues: "What is the impact of the political system in South Sudan on economic development? What is the impact of oil resources on sustainable development? What is the impact of the oil

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shutdown on political and economic stability, and what is the possibility of deficit financing? Is there any possibility for cooperation between Sudan and South Sudan?" In this context, the major objective of this study is to analyze the political development of the country to verify that political stability fosters the achievement of economic and social development. It also seeks to analyse the political history of Sudan in general and South Sudan in particular, emphasising the importance of political stability, among other considerations, as a precondition for socioeconomic development. Furthermore, other objectives of the study include suggestions on how political stability could be ensured in South Sudan and how good governance may promote

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political and economic stability. In light of the above, this study focuses on the issues of the political transition and policies that will improve the economic, political, and social well-being of the people of South Sudan. It seeks ways of setting up policies that will raise the standard of living of people with sustained growth and move from a simple, low-income economy to a modern, high-income economy. It also attempts to develop a framework for cooperation between Sudan and South Sudan. The methodology that is adopted to address these issues is collecting, sorting, and analysing primary and secondary information relating to the history of political and economic development in South Sudan, using empirical approaches such as SWOT analysis, information

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sources, references, and books. However, this study is organized as follows: chapter 1 discusses political stability and economic development in a theoretical framework through which we explore the empirical analysis; it is divided into four sections. Section 1 focuses on definition, causes, and measurement of political stability with an aim to assess the effect of political stability on growth-related variables. In section 2, we define the concept of political instability and measure it by using indicators like the number of coups d' é tat, the number of major government crises, the number of cabinet changes, and the number of political revolutions as well as political assassinations. Section 3 discusses the concept and definition of economic development and summarizes the

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major theories of economic development in five fundamental elements. The last section explores the implications of financing economic development by discussing domestic resources (including deficit financing) and foreign financial resources and the role of each of them in achieving economic development. Chapter 2 presents the political and social background of South Sudan is divided into three sections. Section 1 discusses South Sudan's ability to function and successfully implement its policies and strategic vision for the year 2040. Section 2 focuses on the demographic structure of South Sudan in terms of population, education, languages, and culture. Section 3 discusses the social indicators such as infrastructure, poverty, and corruption which affect improving

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social welfare as well as the political stability and economic development of the Republic of South Sudan. Chapter 3 focuses on the South Sudan economy and the challenges. Here we discuss the political and development challenges facing South Sudan as well as the investment opportunities. This chapter discusses the major challenges which face South Sudan, especially issues such as border demarcation, political reform, and oil shutdown as well as investment opportunities in oil and agriculture. In chapter 4, we discuss South Sudan's oil and economic development. It focuses on oil resources and their impact on sustainable development, the impact of oil shutdown on political and economic development and the possibility of deficit financing. In chapter 5, we discuss the

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future of stability and prosperity in South Sudan. It discusses how good governance and cooperation can be enormously beneficial to South Sudan in the process of building sustainable political and economic stability and what South Sudan can learn from other countries. The major findings of this study are as follows: - Political stability plays an important role in determining economic growth and economic development in many economies. - The degree of political stability is high if there is a high degree of democracy or autocracy. - Strong democracies or strong autocracies are best equipped to provide political stability that may lead to economic development. It is then the level of political stability within a given country, regardless of regime type, that results in economic growth. -

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Long-term sustainable economic growth depends on the ability to raise the rates of accumulation of physical and human capital by securing necessary sources (domestic, foreign, or deficit finance) to use efficiently for financing economic development. - Most economists view corruption as a major obstacle to development. It is seen as one of the causes of low income and is believed to play a critical role in generating poverty traps (e.g., Blackburn et al. 2006). Thus, corruption, according to this view, "sands" the wheels of development and it makes economic and political transitions difficult. - Not only is good governance critical to development, but it is also the most important factor in determining whether a country has the capacity to use resources effectively to promote economic

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growth and reduce poverty.

Dynamism and Inclusion

Reframing Sustainable Tourism

Sustainable Transport for Chinese Cities

Amhara Region

Planning for Walking and Cycling in Urban Environments

Sustainable Land Use and Rural Development in Southeast

Asia: Innovations and Policies for Mountainous Areas

With a wide range of contributions from America,

Australia, Europe as well as the UK, Creating

Sustainable Transport sums up many of the lessons

learned and how they can be applied in improved

planning. Non-motorized transport planning depends

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on combining improvements to infrastructure with education. The book examines both national strategies and local initiatives in cities around the world, including such topics as changes to existing road infrastructure and the integration of cycling and walking with public transport. The contributors consider topics such as developing healthier travel habits and ways of promoting cycling and walking as alternatives to the car.

Even after achieving the status of a developed economy, many economies face other challenges which may include economic stagnation and income inequality. The book looks at how a mature economy

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can continue to weather challenges and how the growth of living standards will depend on productivity growth through Singapore's experience. After Singapore's rapid economic transformation, the nation is at a crossroads. The book explains how productivity growth in turn depends on technological diffusion from abroad as well as indigenous innovation. It also examines how the design of policy to develop indigenous innovation to promote economic dynamism may come with creative destruction and disruptive effects on jobs and wages. The Singapore Economy provides insight into how we can maintain social

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cohesion and establish a political equilibrium that embraces the new sources of growth through policy formulation for economic inclusion.

'Transforming Cities with Transit' explores the complex process of transit and land-use integration and provides policy recommendations and implementation strategies for effective integration in rapidly growing cities in developing countries.

Making Urban Transport Sustainable addresses the future of urban transport as a global issue. Money is being poured into roads, railways and airports at a time when the global atmosphere is threatened and oil production has reached its peak. If the world's

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environment and societies are to be sustained, urban transport has to change. Contributions by experts from the developed and developing world discuss the severity of the problem and suggest potential solutions.

Environmental Policy and Sustainable Development
in China

A Case Study of Limpopo Province, South Africa
Sustainable Economic Development

Planning and Design for Sustainable Urban Mobility
Innovation for Sustainable Development - Review of
Kyrgyzstan

The Singapore Economy

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Innovative and smart mobility systems are expected to make transportation systems more sustainable, inclusive, and safe. Because of changing mobility paradigms, transport planning and design require different methodological approaches. Over twelve chapters, this book examines and analyzes Mobility as a Service (MaaS), travel behavior, traffic control, intelligent transportation system design, electric, connected, and automated vehicles, and much more.

Based on papers presented at a workshop on the green transport agenda and its implications for Chinese cities, organised by the World Conference

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on Transport Research Society in September 2010, this volume reviews the challenges facing urban transport internationally and in China.

Sustainable Maritime Transportation and Exploitation of Sea Resources covers the most updated aspects of maritime transports and of coastal and sea resources exploitation, with a focus on (but not limited to) the Mediterranean area.

Vessels for transportation are analysed from the viewpoint of ship design in terms of hydrodynamic, structural and plant optimisation, as well as from the perspective of construction, maintenance, operation and logistics. The exploitation of marine

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and coastal resources is covered in terms of fishing, aquaculture and renewable energy production as well as of subsea resources extraction. The characterisation of the marine environment is seen under the twofold perspective of providing reference loads and conditions for the design of means for the resources exploitation, but also of setting limits to the design in order to preserve the natural ambient and minimise the impact of anthropogenic activities related to both transportation and exploitation. Efficiency, reliability, safety and sustainability of sea- and Mediterranean-related human activities are the

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focus throughout the book. Sustainable Maritime Transportation and Exploitation of Sea Resources will be of interest to technical operators in the various areas involved (shipbuilding and ship-owner companies, research organisations, universities, certifying bodies), but will also serve as an updated reference work for government agencies and other institutional and educational bodies.

' 50 Years of Urban Planning in Singapore is an accessible and comprehensive volume on Singapore's planning approach to urbanization. Organized into three parts, the first section of the

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volume, "Paradigms, Policies, and Processes", provides an overview of the ideologies and strategies underpinning urban planning in Singapore; the second section, "The Built Environment as a Sum of Parts", delves into the key land use sectors of Singapore's urban planning system; and the third section, "Urban Complexities and Creative Solutions", examines the challenges and considerations of planning for the Singapore of tomorrow. The volume brings together the diverse perspectives of practitioners and academics in the professional and research fields of planning, architecture, urbanism, and city-making.

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Contents:Paradigms, Policies & Processes:The
Early Years of Nation-Building: Reflections on
Singapore's Urban History (Alan F C
Choe)Planning & Urbanisation in Singapore: A
50-Year Journey (Liu Thai Ker)Economic Planning
for Productivity, Growth, and Prosperity (Philip
Yeo)Environmental Planning for Sustainable
Development (Tan Yong Soon)The Built
Environment as a Sum of Parts:Planning to
Overcome the Constraints of Scarcity (Ng
Lang)Making Singapore a Liveable and Sustainable
City: Our Urban Systems Approach (Khoo Teng
Chye and Remy Guo)The Evolution of HDB Towns

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(Cheong Koon Hean) Transportation: Mobility, Accessibility, and Connectivity (Mohinder Singh) Industry Planning in Singapore (Tang Hsiao Ling) Greening Singapore: Past Achievements, Emerging Challenges (Tan Puay Yok) 50 Years of Urban Planning & Tourism (Pamelia Lee) Shaping Singapore's Cityscape Through Urban Design (Goh Hup Chor & Heng Chye Kiang) Urban Complexities & Creative Solutions: Conserving Urban Heritage: Remembering the Past in a Developmental City-State (Lily Kong) Public Housing and Community Development: Planning for Urban Diversity in a City-State (Tan Ern Ser) Era of Globalisation:

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Singapore's New Urban Economy and the Rise of a World Asian City (Ho Kong Chong) Towards Greater Sustainability and Liveability in an Urban Age (Heng Chye Kiang and Yeo Su-Jan) Perspectives on the Future of Urban Planning in Singapore Challenges for a New Era (Peter Ho) Readership: Urban planning, architecture, and urban conservation and heritage practitioners; introductory-level urban studies, public policy, and urban administration students; and members of the general public interested in learning more about the history of urban planning in Singapore over the past 50 years. '

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Hong Kong in Global Context

Sustainable Maritime Transportation and
Exploitation of Sea Resources

50 Years of Urban Planning in Singapore

Tigray Region

Making Urban Transport Sustainable

Sustainable Transport

This book is a pivotal publication that addresses the contemporary challenges of globalization and elaborate policy responses to environmental pollution, climate change, economic disruptions, poverty, hunger, and other threats to

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sustainable economic development. Many parts of the world, territories, and societies are now changing at an unprecedented pace in ways that fundamentally affect the markets, people, the environment, and biodiversity. Such changes are primarily driven by rapid social and economic developments, economic disparities between countries, the internationalization of production and value chains, and industrialization. Increasingly frequently, business interests are interfering with sustainable

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development goals. The issue is how to converge the economic benefits with the urgent need for establishing resilient production chains, social networks, sustainably-operating markets, and environmental protection. This publication highlights the need for the balanced economic development and comprehensive coverage of many sustainability-business areas. Economic, production, financial, and social factors of sustainability are discussed by over 90 contributors representing 40 universities and research

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institutions from seven countries. Their findings are translated into workable approaches and policies for the benefit of the global economy, people, and the environment.

TransportOvercoming Constraints,
Sustaining MobilityTransportOvercoming
Constraints, Sustaining
MobilityTransportOvercoming Constraints,
Sustaining MobilityReforming Urban
Transport in IndiaIssues and Best
PracticesCOPAL Publishing Group
This unique volume presents the

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achievements of the land, sea and air transport industry of Singapore in the last 50 years after Singapore gained its independence in 1965. It provides a comprehensive overview of Singapore's progress in transportation from a typical third world system in the 1960s to one that is currently in the top league globally in all aspects of passenger and freight transportation. Singapore's successes in land transport planning, urban traffic management, and public transport systems provide valuable

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experience for major cities worldwide. The emergence of the Singapore Port as the most efficient container port in the world is another success story that inspires both established and up-and-coming port operators alike. The ambitious goal of Singapore to develop itself into a maritime knowledge hub of the future is a bold and exciting undertaking catching worldwide attention. In air transport, Singapore is well known for its efficiency as a major regional hub. This book examines in detail the important milestones and

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background developments that have led to the highly advanced state of transportation systems in the land, sea and air transport of Singapore today. Each chapter is written by professionals who are themselves part of the success stories presented. The chapter authors are specially invited to provide a professional account of the topics of their expertise. The authors have been able to draw on extensive amounts of published and unpublished documents and reports to present a comprehensive picture

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for the subject of interest in each chapter. As a whole, the book offers a hollistic and informative professional reference book on the major happenings and achievements of Singapore in the transportation sector.

South Sudan is currently facing a serious economic crisis occasioned by: i. the oil shutdown which began at the beginning of 2012; ii. the civil conflict which erupted in December 2013; iii. declining international crude oil prices which went down by almost 62% (from USD 104 per

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barrel in 2013 to USD 40 in 2016); iv. drastic decline in the daily oil production as a result of partial closure of Upper Nile oil fields and; v. total shutdown of Unity State oil fields as a result of the war. All these factors have a significant negative impact on the South Sudan's economy. On the other hand, South Sudan has abundant and mostly untapped natural resources. It has great agricultural potential given that the country is very fertile and blessed with land, water and mineral resource which are

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substantial in relation to the relatively small population of 10 million plus. Effective management and development of these resources will therefore offer the prospect of sustained strong economic growth. Hence, the key research questions for this study are: Why some countries experience sustained levels of steady economic growth much faster while others stagnate? What can to improve the role of economic and political institutions in economic performance? There is extensive evidence that institutions matter a great

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deal in determining the level of economic development of a country. They strongly affect the economic performance of countries and act in society at all levels by determining the frameworks in which economic exchange occurs. Many Economists have shown that differences in institutions, as deep determinants of economic growth, account for much of the differences in income and productivity per head observed between countries (Acemoglu et al., 2005). Institutions shape the policy and governance setting in a given

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country, which in turn characterize the rule of law, risk of expropriation, political stability and ease of doing business. This study ends by suggesting the most importing mechanisms to strengthen the political and economic institutions that will create public trust in the government and its institutions and lead to sustainable development and prosperity. With that in mind, the institutions should support the public and private sector, capability, social infrastructure, good governance, rules of

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laws in order to achieve sustainable economic growth and financial stability. In this context, the main objectives of this study is to analyze the economic and political structure in South Sudan to ensure its role in achieving sustainable Economic Development and to analyze the effectiveness of macroeconomic policies in responding to economic shocks. It is also opted to examine the structural soundness of the South Sudan economy and the efficiency of its key institutions in addressing the challenges. In particular,

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the role of a strong and healthy financial sector in weathering shocks and sustaining growth. In light of the above, this study focuses on the greater role institutions have played in the economic development of several East Asian countries as well as Africa. Though, it is argued that the institutions can be weaker and ineffective simply because of administrative, institutional, ethnic, social and political challenges including poor enforcement of the rule of law, corruption, mismanagement, lack of strong

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civil society and political interference. However, the strength of an institution determines whether a country will be poor or wealthy, whether or not its people are free or oppressed and if its people will suffer from poverty or benefit from prosperity. Therefore, the main recommendations of this study can be summarized as follows: - developing effective, accountable and transparent institutions at all levels; - building a variety of healthy institutions that can accelerate and spearhead growth; -

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building strong political and governmental institutions that enhance the governance - reforming the institutions with an aim to move from situations of stagnation to rapid growth or a better development paths; The study embraces a multi-pronged methodology, pursuing a combination of relevant methods and approaches of data collection, including both primary and secondary information sources. This study is organized as follows: Chapter 1 discusses the institutions, financial stability and sustainable Economic

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Development, theoretical framework in which we explore in the empirical analysis. Chapter 2 presents the historical background of institutions in South Sudan Chapter 3 focuses on institutions and financial stability where we discuss the institutional policies and approach for financial stability as well as issues of globalization, transparency, accountability and its impact on financial stability. In chapter 4, I discuss institutions and sustainable economic growth. It focuses on fundamentals and

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strategies of sustainable economic development and the role of good governance and institutions in long-term economic growth. In chapter 5, we discuss the prospects of strong institutions, financial stability and sustainable Economic Development in South Sudan. It discusses how efficiency and soundness of South Sudan's key institutions can be extremely valuable in process of building a sustainable economic growth and what can South Sudan learn from others countries. The last chapter is the conclusions and

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recommendations of research. The major findings of this study are as follows: - Conflicts affect economic outcomes mainly through the destruction of human and physical capital, shifts in public spending and private investment, as well as the disruption of economic activities and social life. - Building effective, efficient and accountable institutions in fragile state like South Sudan can be problematic and challenging. Most importantly, good political and economic governance, based on transparency and

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accountability, should be the key for building a politically and economically viable state capable of articulating a common vision for national unity, and providing stability and dividends of peace to its aspiring citizens. - Strictly, from economic point of view, a political resolution of the current crisis is urgently needed in order for South Sudan to restore the confident of investors, put socio-economic development as one of its priorities and regain its place as the world's newest investment destination. -

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Social, political and economic stability in South Sudan will depend on core institutions performing their functions sufficiently well to manage public resources effectively and distribute them equitably

Social Change and Sustainable Transport
Handbook of Research on Sustainable
Development and Economics

Sustainable Agriculture and Rural
Livelihoods (Vol. 1)

Case of South Sudan

Routledge Handbook of Transport in Asia

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Handbook of Sustainable Transport

Mobility is fundamental to economic and social activities such as commuting, manufacturing, or supplying energy. Each movement has an origin, a potential set of intermediate locations, a destination, and a nature which is linked with geographical attributes. Transport systems composed of infrastructures, modes and terminals are so embedded in the socio-economic life of individuals, institutions and corporations that they are often invisible to the consumer. This is paradoxical as the perceived invisibility of transportation is derived from its efficiency.

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Understanding how mobility is linked with geography is main the purpose of this book. The third edition of The Geography of Transport Systems has been revised and updated to provide an overview of the spatial aspects of transportation. This text provides greater discussion of security, energy, green logistics, as well as new and updated case studies, a revised content structure, and new figures. Each chapter covers a specific conceptual dimension including networks, modes, terminals, freight transportation, urban transportation and environmental impacts. A final chapter contains

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core methodologies linked with transport geography such as accessibility, spatial interactions, graph theory and Geographic Information Systems for transportation (GIS-T). This book provides a comprehensive and accessible introduction to the field, with a broad overview of its concepts, methods, and areas of application. The accompanying website for this text contains a useful additional material, including digital maps, PowerPoint slides, databases, and links to further reading and websites. The website can be accessed at: <http://people.hofstra.edu/geotrans> This text is an

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essential resource for undergraduates studying transport geography, as well as those interest in economic and urban geography, transport planning and engineering.

Exploring the need for a sustainable transport paradigm, which has been sought after by local and national authorities internationally over the last 30 years, this illuminating and timely Handbook offers insights into how this can be secured more broadly and what it may involve, as well as the challenges that the sustainable transport approach faces. The Handbook offers readers a holistic understanding of the paradigm

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by drawing on a wide range of research and relevant case studies that showcase where the principles of sustainable transport have been implemented.

This open access book is interdisciplinary and provides cross-sectoral and multi-dimensional exploration of sustainable development and transportation in South Africa. Drawing on work from different disciplines, the book contributes not only to academia but also seeks to inform urban and regional policy with the view of contributing to the national aspirations of South Africa as espoused in the National Development

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Plan (NDP), 2030, National Spatial Development Framework (NSDF) Draft (2019), National Climate Change Adaptation Strategy (NCASS) Draft (2019), Green Transport Strategy for South Africa (2018–2050), and National Transportation Plan (NATMAP), 2050. Adopting a multi-dimensional assessment, the book provides a background for co-production concerning climate change, sustainable development, and transportation in the Global South. The book contributes in its analysis of the institutional and legislative framework that relates to the climate change, skills and knowledge transfer,

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sustainable development, and transportation in South Africa, as these are responsible for the evolution of the green economy and transport sector in the country. The connections among different sectors and issues such as environment, transport modes, technology innovation, vehicle management and emission control, skills and knowledge transfer, legislative and policy framework, and the wider objectives of the sustainable development goals (SDGs), especially goals 11 to 13. The success stories relating to climate change, sustainable development, and transportation in South Africa are identified

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together with the best possible practices that may inform better environmental, urban and regional planning, policy, practice, and management.

This book provides a thorough understanding of Short Sea Shipping (SSS) and its role in transport chains, presenting a revision of EU policies for SSS. Infrastructure and equipment required for the success of SSS are discussed, including critical features of modern roll-on/roll-off (Ro-Ro) ships and terminals. Models are proposed for the evaluation of transportation demand in SSS, including the potential effects of

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external costs, and its results are used within the scope of methods for Ro-Ro ship and fleet sizing. A discussion of methods used to calculate such costs is provided, and a comparison of aggregated demand with and without internalisation of external costs is carried out, pointing towards solutions for 'greening' freight transportation. Applications of multi-criteria decision-making and simulation techniques to supply chains based on SSS are presented. The role of information and communication technologies (ICT) in the promotion of SSS is also discussed. A number of case studies

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illustrate the different research methods and techniques. This book is a useful resource for students and researchers studying transportation, as well as policymakers and practitioners involved in this field and anyone with an interest in the promotion of environmentally sound transport solutions.

50 Years Of Transportation In Singapore:

Achievements And Challenges

Challenges, Policies, and Reforms

Models and Technologies for Smart, Sustainable and Safe Transportation Systems

Sustainable Cities and Structural Transformation

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Land Degradation and Strategies for Sustainable Development in the Ethiopian Highlands
Sustainable Railway Engineering and Operations
Transportation research has traditionally been dominated by engineering and logistics research approaches. This book integrates social, economic, and behavioral sciences into the transportation field. As its title indicates, emphasis is on socioeconomic changes, which increasingly govern the development of the transportation sector. The papers presented here originated at a conference on Social Change and Sustainable Transport held at the University of California at Berkeley in March 1999, under the

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auspices of the European Science Foundation and the National Science Foundation. The contributors, who represent a range of disciplines, including geography and regional science, economics, political science, sociology, and psychology, come from twelve different countries. Their subjects cover the consequences of environmentally sustainable transportation vs. the "business-as-usual" status quo, the new phenomenon of "edge cities," automobile dependence as a social problem, the influence of leisure or discretionary travel and of company cars, the problems of freight transport, the future of railroads in Europe, the imposition of electronic road tolls, potential transport benefits of e-

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commerce, and the electric car.

Asian transportation systems and services, as well as their usage, are fraught with challenges. This handbook therefore seeks to examine the possible solutions to the problems faced by the region. It illustrates the history of transportation development in Asia and provides a comprehensive overview of research on urban and intercity transport. Presenting an extensive literature review and detailed summaries of the major findings and methodologies, this book also offers suggestions for future research activities from top-level international researchers. Written from an interdisciplinary perspective, the topics covered

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include: Transportation systems across Asia; Traffic accidents; Air pollution; Land use and logistics; Transport governance. Considering the population and economic development scale, as well as the diverse cultures of Asia, the Routledge Handbook of Transport in Asia will be a valuable resource for students and scholars of transportation, Asian development and Asian Studies in general.

Despite increasing reports across the globe on renewable development and maintenance, little is known regarding what strategies are required for improved economic growth and prosperity in Africa. Improving an understanding of the methods for

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promoting growth through reusable resource development and administration is a vital topic of research to consider in assisting the continent's development. The Handbook of Research on Sustainable Development and Governance Strategies for Economic Growth in Africa provides emerging research on the strategies required to promote growth in Africa as well as the implications and issues of the expansion of prosperity. While highlighting sustainable education, pastoral development pathways, and the public-sector role, readers will learn about the history of sustainable development and governmental approaches to improving Africa's economy. This

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publication is a vital resource for policy makers, research institutions, academics, researchers, and advanced-level students seeking current research on the theories and applications of development in societal and legal institutions.

This Review contains the outcomes of a policy advisory exercise that drew on the experience accumulated by the UNECE in the identification of good practices and policy lessons in the area of knowledge-based development, with particular reference to the problems of countries with economies in transition, in this case Kyrgyzstan. It provides a set of recommendations and policy options to stimulate innovation activity in the

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country, enhance its innovation capacity and improve the overall efficiency of the national innovation system.

Sustainable Urban Transport

The Social Diffusion of Large Technical Systems

The Role of Institutions In Achieving Financial Stability and Sustainable Economic Development In South Sudan

Transforming Cities with Transit

Global Report on Human Settlements 2013

Overcoming Constraints, Sustaining Mobility

Sustainable Transportation and Smart Logistics: Decision-Making Models and Solutions provides deterministic and

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probabilistic models for transportation logistics problem-solving and decision-making. The book presents an overview of the intersections between sustainability, transportation, and logistics, and delves into the current problems associated with the implementation of sustainable transportation and smart logistics in urban settings. It also offers models for addressing complex structural problems and procedures for estimating transportation externalities such as environmental and social impacts, both in industrial and government arenas, as well as decision-making models from operational,

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tactical, and strategic management perspectives. Sustainable Transportation and Smart Logistics also covers best practices for practical corporate policy implementation, making it a comprehensive and vital resource for researchers, graduate students, practitioners, and policy makers in transportation, logistics, urban planning, economics, engineering, and environmental science. Examines various modes of transportation Includes mathematical models for decision-making in a wide variety of situations Presents public transportation and smart cities use cases

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Considering sustainability in its economic, environmental and social contexts, the contributors take stock of previous research on large technical systems and discuss their sustainability from three main perspectives: uses, cities, and rules and institutions.

This book is based on the findings of a long-term (2000-2014) interdisciplinary research project of the University of Hohenheim in collaboration with several universities in Thailand and Vietnam. Titled Sustainable Land Use and Rural Development in Mountainous Areas in Southeast Asia, or the Uplands Program, the project aims to contribute

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through agricultural research to the conservation of natural resources and the improvement of living conditions of the rural population in the mountainous regions of Southeast Asia. Having three objectives the book first aims to give an interdisciplinary account of the drivers, consequences and challenges of ongoing changes in mountainous areas of Southeast Asia. Second, the book describes how innovation processes can contribute to addressing these challenges and third, how knowledge creation to support change in policies and institutions can assist in sustainably develop mountain areas

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and people's livelihoods.

This publication brings together an international group of researchers and presents work from different countries dealing with issues related to transport policy, attitudes and mode choice, car sharing and alternative modes of transport, and discusses the future of non-motorized modes of transport.

Impact of Political Stability on Economic
Development

African Economic Outlook 2016 Sustainable
Cities and Structural Transformation
Sustainable Utopias

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The Art and Politics of Hope in Germany

The Geography of Transport Systems

Decision-Making Models and Solutions

The CityForm consortium's latest book, Dimensions of the Sustainable City, is the first book to report on an empirical multi-disciplinary study specifically designed to address urban sustainability. Drawing together the various dimensions of sustainability - economic, social, transport, energy and ecological - the book examines their relationships both to each other and to urban form. The book investigates the sustainability dimensions of cities through a series of projects

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based on a common list of elements of urban form, and which draw on the consortium's latest research to review the sustainability issues of each dimension. The elements of urban form include density, land use, location, accessibility, transport infrastructure and characteristics of the built environment. The book also addresses issues such as adapting cities, psychological and ecological benefits of green space and sustainable lifestyles, each presenting a critical review of the relevant literature followed by an empirical analysis presenting the key results. Based on studies across five UK cities, the book draws out

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findings of relevance to sustainable cities worldwide. As well as an invaluable reference to researchers in sustainable planning and urban design, the book will provide a useful text for advanced undergraduate and graduate courses and for policy makers dealing with these issues. The CityForm consortium is a multi-disciplinary group of researchers from five universities funded by the UK Engineering and Physical Science Research Council from 2003-07.

The future of disability in America will depend on how well the U.S. prepares for and manages the demographic, fiscal, and technological

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developments that will unfold during the next two to three decades. Building upon two prior studies from the Institute of Medicine (the 1991 Institute of Medicine's report Disability in America and the 1997 report Enabling America), The Future of Disability in America examines both progress and concerns about continuing barriers that limit the independence, productivity, and participation in community life of people with disabilities. This book offers a comprehensive look at a wide range of issues, including the prevalence of disability across the lifespan; disability trends the role of assistive technology; barriers posed by health care and

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other facilities with inaccessible buildings, equipment, and information formats; the needs of young people moving from pediatric to adult health care and of adults experiencing premature aging and secondary health problems; selected issues in health care financing (e.g., risk adjusting payments to health plans, coverage of assistive technology); and the organizing and financing of disability-related research. The Future of Disability in America is an assessment of both principles and scientific evidence for disability policies and services. This book's recommendations propose steps to eliminate barriers and strengthen the

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evidence base for future public and private actions to reduce the impact of disability on individuals, families, and society.

Urban transport systems worldwide are faced by a multitude of challenges. Among the most visible of these are the traffic gridlocks experienced on city roads and highways all over the world. The prescribed solution to transport problems in most cities has thus been to build more infrastructures for cars, with a limited number of cities improving public transport systems in a sustainable manner. However, a number of challenges faced by urban transport systems - such as greenhouse gas emissions,

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noise and air pollution and road traffic accidents - do not necessarily get solved by the construction of new infrastructure. Planning and Design for Sustainable Urban Mobility argues that the development of sustainable urban transport systems requires a conceptual leap. The purpose of 'transportation' and 'mobility' is to gain access to destinations, activities, services and goods. Thus, access is the ultimate objective of transportation. As a result, urban planning and design should focus on how to bring people and places together, by creating cities that focus on accessibility, rather than simply increasing the length of

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urban transport infrastructure or increasing the movement of people or goods. Urban form and the functionality of the city are therefore a major focus of this report, which highlights the importance of integrated land-use and transport planning. This new report of the United Nations Human Settlements Programme (UN-Habitat), the world's leading authority on urban issues, provides some thought-provoking insights and policy recommendations on how to plan and design sustainable urban mobility systems. The Global Report on Human Settlements is the most authoritative and up-to-date global assessment of human settlements

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conditions and trends. Preceding issues of the report have addressed such topics as Cities in a Globalizing World, The Challenge of Slums, Financing Urban Shelter, Enhancing Urban Safety and Security, Planning Sustainable Cities and Cities and Climate Change.

This report presents the continent's current state of affairs and forecasts its situation for the coming two years. It examines Africa's performance in crucial areas: macroeconomics, financing, trade policies and regional integration, human development, and governance.

Transit and Land-Use Integration for

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Sustainable Urban Development The Future of Disability in America

Issues and Best Practices Short Sea Shipping in the Age of Sustainable Development and Information Technology Transport

To reclaim a sense of hope for the future, German activists in the late twentieth century engaged ordinary citizens in innovative projects that resisted alienation and disenfranchisement. By most accounts, the twentieth century was not kind to utopian

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thought. The violence of two world wars, Cold War anxieties, and a widespread sense of crisis after the 1973 global oil shock appeared to doom dreams of a better world. The eventual victory of capitalism and, seemingly, liberal democracy relieved some fears but exchanged them for complacency and cynicism. Not, however, in West Germany. Jennifer Allen showcases grassroots activism of the 1980s and 1990s that envisioned a radically different society based on community-centered politics—a society in

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which the democratization of culture and power ameliorated alienation and resisted the impotence of end-of-history narratives.

Berlin's History Workshop liberated research from university confines by providing opportunities for ordinary people to write and debate the story of the nation. The Green Party made the politics of direct democracy central to its program. Artists changed the way people viewed and acted in public spaces by installing objects in unexpected environments, including the Stolpersteine:

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paving stones, embedded in residential sidewalks, bearing the names of Nazi victims. These activists went beyond just trafficking in ideas. They forged new infrastructures, spaces, and behaviors that gave everyday people real agency in their communities. Undergirding this activism was the environmentalist concept of sustainability, which demanded that any alternative to existing society be both enduring and adaptable. A rigorous but inspiring tale of hope in action, Sustainable Utopias makes the

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case that it is still worth believing in human creativity and the labor of citizenship.

This book examines the need for a new way of describing sustainable tourism and also looks at the frameworks needed to rethink how to apply this to communities, private operators and protected area managers. It makes it clear that tourism is just one of many human activities that affects host communities. The work includes informative and provocative case studies with realistic applications. References included in the book will help

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graduate students formulate new hypotheses and suggest literature for them. Tools and techniques useful to tourism practitioners suggest innovative approaches to marketing, management and community development. Railways are frequently promoted as one of the most sustainable modes of transport. However, their impact will in practice be significantly affected by the ways in which they are designed, constructed, and used. This book provides a comprehensive overview of the issues involved in planning, engineering

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and operating sustainable railway systems.

Sustaining Urban Networks

Reforming Urban Transport in India

Dimensions of the Sustainable City

Land Degradation and Strategies for

Sustainable Land Management in the

Ethiopian Highlands

Handbook of Research on Sustainable

Development and Governance Strategies for

Economic Growth in Africa

Green Economy in the Transport Sector