

Global Trends In Multimodal Transportation

Written by leading experts in the field, this book offers an introduction to recent developments in port and hinterland strategies, operations and related specializations. The book begins with a broad overview of port definitions, concepts and the role of ports in global supply chains, and an examination of strategic topics such as port management, governance, performance, hinterlands and the port-city relationship. The second part of the book examines operational aspects of maritime, port and land networks. A range of topics are explored, such as liner networks, finance and business models, port-industrial clusters, container terminals, intermodality/synchromodality, handling and warehousing. The final section of the book provides insights into key issues of port development and management, from security, sustainability, innovation strategies, transition management and labour issues. Drawing on a variety of global case studies, theoretical insights are supplemented with real world and best practice examples, this book will be of interest to advanced undergraduates, postgraduates, scholars and professionals interested in maritime studies, transport studies, economics and geography.

This report captures ways in which policy makers and senior officials in railway organizations from emerging economies can accelerate modal shift to rail. Such officials, as well as the general public, aspire for more freight to be moved by rail. The environmental and societal benefits of such a shift are compelling. And yet investment in railways is often not followed by corresponding increase in freight moved by rail. This report highlights the fact that, in a world of changing global supply chains and logistics, the approach to regaining modal share needs to be different. The expectation that lower cost and efficient rail service will automatically lead to modal shift from road to rail has not been a reality in most emerging economies. Modern railways focus on understanding the logistics of targeted freight and positioning rail transport services as part of an overall logistics system aimed at meeting the needs of customers.

Intermodal Freight Transportation conceptualizes intermodal transport as a set of physical, logical, financial and contractual flows, examining the barriers that impact intermodal freight services and the resulting performance variables. The book covers transport modes, agents, supply and demand patterns, key drivers, trends influencing the freight transportation sector, the evolution of supply and logistics chains, and the impacts of technological advancements, such as autonomous vehicles and e-commerce. In addition, the book covers transport agents, such as shippers, freight forwarders, integrators, and customs, as well as the demand for freight transport services and the key properties of goods. Readers will find a variety of new tools for analyzing and building effective transport chains that addresses component technology, information, responsibility, and financing dimension, along with sections on key organizational, regulatory, infrastructure and technological barriers. The book concludes with a look into the future of the freight transport sector. Presents a step-by-step approach to

introduces key topics for understanding efficient intermodal transportation Focuses on the concept of fitness between the modes of transport profiles Contains numerous, real-world case studies throughout Examines performance metrics

Modern Trends and Research in Intermodal Transportation

United Nations Conference on Trade and Development (UNCTAD)

New Mobilities

The Rail Freight Challenge for Emerging Economies

International organization and conference series

Report by the President to the Congress for the Year ...

In New Mobilities: Smart Planning for Emerging Transportation Technologies, transportation expert Todd Litman examines 12 emerging transportation modes and services that are likely to significantly affect our lives: bike- and carsharing, micro-mobilities, ridehailing and micro-transit, public transit innovations, telework, autonomous and electric vehicles, air taxis, mobility prioritization, and logistics management. Public policies around New Mobilities can either help create heaven, a well-planned transportation system that uses new technologies intelligently, or hell, a poorly planned transportation system that is overwhelmed by conflicting and costly, unhealthy, and inequitable modes. His expert analysis will help planners, local policymakers, and concerned citizens to make informed choices about the New Mobility revolution.

Because it continually implements entrepreneurial creativity and innovative business models, the economic landscape is ever-changing in today’s globalized world. As consumers become more willing to accept new strategic trends, this has led to the emergence of disruptive technologies. Since this equipment has an insufficient amount of information and high risks, it is necessary to assess the potential of disruptive technologies in the commercial environment. Impact of Disruptive Technologies on the Sharing Economy provides emerging research exploring the theoretical and practical aspects of disruptive technologies and knowledge-based entrepreneurial efforts and applications within management, business, and economics. Featuring coverage on a broad range of topics such as consumer ethics, corporate governance, and insurance issues, this book is ideally designed for IT specialists, IT consultants, software developers, computer engineers, managers, executives, managing directors, students, professors, scientists, professionals, industry practitioners, academicians, and researchers seeking current research on the consequences of disruptive technologies.

Rapid globalisation has led to the realization that the traditional modal approach to transporting people and goods is insufficient. Multimodal Transport Security illustrates the inevitable shift towards multimodal transportation systems, further enabled by modern technological innovations, and succinctly assesses the demanding and new security challenges that have accompanied this. The emergence of these complex transportation infrastructures has created exceedingly attractive terrorist targets owing to the potential for wide-scale disruption of global supply chains. Providing a conjoint analysis of key issues in both passenger and freight multimodal transportation security, expert contributors provide pivotal case studies highlighting the successes and failures of various policies and practices across several geographical regions. Adeptly drawing these strands together, the editors identify similarities and heterogeneities and in doing so, produce a practical illustration of the potential for further enhancement of multimodal security. An ever-increasing and worldwide concern with the improvement of security in transport places this unique and comprehensive text at the forefront of transportation literature. It will be of great value to students and scholars of public policy as well as policy makers in the fields of transportation and counter-terrorism.

Freight Forwarding and Multi Modal Transport Contracts

The Role of the Container in the Supply Chain

How to Regain Modal Share

Global Production Networking and Technological Change in East Asia

Economic Trends and Multimodal Transportation Requirements

Multimodal operations has become a major means of transport in international trade. Yet surprisingly, its risks & responsibilities are not well understood in the business & legal communities. This book offers insight into the complex legal regimes governing multimodal transport & the equally subtle commercial influences operating in the market for multimodal services. Since 1973, the international community has fashioned three sets of Multimodal Rules. In Multimodal Transport Rules, the authors analyse their application & compare their operation in a variety of typical situations. Multimodal Transport Rules provides needed information about the Multimodal Rules for traffic managers, logistics service providers, multimodal operators, carriers & other transport executives, & their legal advisors. It details the liabilities that may be incurred under the alternative rules & provides the facts needed to make informed decisions about managing risks in multimodal contracts. The book sheds light on a complex system & provides a clear picture of the commercial risks & legal responsibilities involved in modern multimodal transport operations.

Logistics Transportation Systems compiles multiple topics on transportation logistics systems from both qualitative and quantitative perspectives, providing detailed examples of real-world logistics workflows. It explores the key concepts and problem-solving techniques required by researchers and logistics professionals to effectively manage the continued expansion of logistics transportation systems, which is expected to reach an estimated 25 billion tons in the United States alone by 2045. This book provides an ample understanding of logistics transportation systems, including basic concepts, in-depth modeling analysis, and network analysis for researchers and practitioners. In addition, it covers policy issues related to transportation logistics, such as security, rules and regulations, and emerging issues including reshoring. This book is an ideal guide for academic researchers and both undergraduate and graduate students in transportation modeling, supply chains, planning, and systems. It is also useful to transportation practitioners involved in planning, feasibility studies, consultation and policy for transportation systems, logistics, and infrastructure. Provides real-world examples of logistics systems solutions for multiple transportation modes, including seaports, rail, barge, road, pipelines, and airports Covers a wide range of business aspects, including customer service, cost, and decision analysis Features key-term definitions, concept overviews, discussions, and analytical problem-solving

Countries situated mainly between China and the European Union are currently participating in a race to develop their transport, trade and logistics infrastructure to attract at least one of the threads of Silk Road that will carry goods and people across Eurasia. It is believed that development of the Europe-South Caucasus-Asia transport, trade and logistics infrastructure will reduce the cost of production and services, which are important to raise competitiveness and social well-being. Although the Europe-South Caucasus-Asia transport route is a shortcut way between the two continents, the soft and hard infrastructure along this way is not enough developed to meet the emerging demand for goods and passenger turnover. Huge investments required for the development of these routes could be invested by development banks (WB, EBRD, EIB, ADB, AIIB, IDB, BSTDB, ECO bank, and so on), governments and private sector. Different types of infrastructure financing models, including public private partnerships, for the upgrading of relevant infrastructure are options on the table to discuss further. Moreover, harmonization of standards, reducing procedures, electronisation of facilities and co-ordination of activities require a new approach and many adaptations. The Europe-South Caucasus-Asia transport, trade and logistics nexus and the International North-South Transport Corridor are not only economic projects, but also carry political elements, which are backed by certain political agendas. However, it is clear that any type of old Silk Road revival initiative will drive many countries to develop their infrastructure as well as superstructure and coordinate this with other participating countries, which as a result will be beneficial for all of them. It is also believed that every single country may benefit and generate revenues from old Silk Road revival process in case of possible collaboration with its neighbouring countries. Azerbaijan enjoys an advantageous geographical position at a crossroads of East-West and North-South corridors, which leads the country to become a regional transport, production, and trade and logistics hub. The country makes huge investments into its own infrastructure as well as supports certain other neighbouring countries. Within this framework, common will based on the reciprocity and mutual benefit can foster enhanced cooperation along with the Great Silk Road and International North- South Transportation Corridor projects.

Intermodal Transport National Peer Review: Turkey

Logistic Services: An Overview of the Global Market and Potential Effects of Removing Trade Impediments, Inv. 332-463

Multimodal Transport Systems

Preparing Texas' Freight Transportation System for 2055

Report by the President to the Congress for the Year

Intermodal Freight Transportation

Economic Trends and Multimodal Transportation RequirementsTransportation Research BoardModern Trends and Research in Intermodal TransportationSpringer

New transport technologies of the integrated transport system in the general chain of transport, related to the transportation of goods from the manufacturer to the customers are becoming a necessity to rationalize the overall economy and are directly affecting the competitive abilities, the access in the national economy and the international division of labor. The International multimodal transport of goods, due to the importance and complexity of its national and international economic systems, is known as a composite system, which provides a range of transport activities of direct or indirect participants, who make it possible the quick transportation of goods from the country of departure, which is located in a certain state, to the destination place, which is in another country, and all this activity is organized by one multimodal transport operator.In this paper I have emphasized that the national policies of the traffic and transport, which in the future will be part of the European system, should be coordinated and to follow the process of economic development and of the EU communication system (traffic), because the integration of the Kosovo state in the EU is conditioned, among others, with the creation of a new communication system (traffic) and the transport system. Therefore, the creation and development of a multimodal transport model are a prerequisite for connecting the conveyor system, which will connect the national trends of transport with the European transport system.

The use and management of multimodal transport systems, including car-pooling and goods transportation, have become extremely complex, due to their large size (sometimes several thousand variables), the nature of their dynamic relationships as well as the many constraints to which they are subjected. The managers of these systems must ensure that the system works as efficiently as possible by managing the various causes of malfunction of the transport system (vehicle breakdowns, road obstructions, accidents, etc.). The detection and resolution of conflicts, which are particularly complex and must be dealt with in real time, are currently processed manually by operators. However, the experience and abilities of these operators are no longer sufficient when faced with the complexity of the problems to be solved. It is thus necessary to provide them with an interactive tool to help with the management of disturbances, enabling them to identify the different disturbances, to characterize and prioritize these disturbances, to process them by taking into account their specifics and to evaluate the impact of the decisions in real time. Each chapter of this book can be broken down into an approach for solving a transport problem in 3 stages, i.e. modeling the problem, creating optimization algorithms and validating the solutions. The management of a transport system calls for knowledge of a variety of theories (problem modeling tools, multi-objective problem classification, optimization algorithms, etc.). The different constraints increase its complexity drastically and thus require a model that represents as far as possible all the components of a problem in order to better identify it and propose corresponding solutions. These solutions are then evaluated according to the criteria of the transport providers as well as those of the city transport authorities. This book consists of a state of the art on innovative transport systems as well as the possibility of coordinating with the current public transport system and the authors clearly illustrate this coordination within the framework of an intelligent transport system. Contents 1. Dynamic Car-pooling, Slim Hammadi and Nawel Zangar. 2. Simulation of Urban Transport Systems, Christian Tahon, Thérèse Bonte and Alain Gibaud. 3. Real-time Fleet Management: Typology and Methods, Frédéric Semet and Gilles Goncalves. 4. Solving the Problem of Dynamic Routes by Particle Swarm, Mostefa Redouane Khouahjia, Laetitia Jourdan and El Ghazali Talbi. 5. Optimization of Traffic at a Railway Junction: Scheduling Approaches Based on Timed Petri Nets, Thomas Bourdeaud'huy and Benoît Trouillet. About the Authors Slim Hammadi is Full Professor at the Ecole Centrale de Lille in France, and Director of the LAGIS Team on Optimization of Logistic systems. He is an IEEE Senior Member and specializes in distributed optimization, multi-agent systems, supply chain management and metaheuristics. Mekki Ksouri is Professor and Head of the Systems Analysis, Conception and Control Laboratory at Tunis El Manar University, National Engineering School of Tunis (ENIT) in Tunisia. He is an IEEE Senior Member and specializes in control systems, nonlinear systems, adaptive control and optimization. The multimodal transport network customers need to be oriented during their travels. A multimodal information system (MIS) can provide customers with a travel support tool, allowing them to express their demands and providing them with the appropriate responses in order to improve their travel conditions. This book develops methodologies in order to realize a MIS tool capable of ensuring the availability of permanent multimodal information for customers before and while traveling, considering passengers mobility.

Logistics and Multi-modal Transport

National Peer Review: Turkey

A Guidebook for Forecasting Freight Transportation Demand

Logistics Transportation Systems

Impact of Disruptive Technologies on the Sharing Economy

The Geography of Transport Systems

In the coming decades, East Asian economies must face the challenges of an increasingly globalized marketplace. This book explores the changing parameters of competition in East Asia, and argues that success ultimately will depend on the ability of the region’s firms to harness the potential of global production networks and to build their own innovative capability. Presenting the latest findings on global production networks and the evolution of technological capabilities, it provides researchers, students, and policymakers with in-depth information and analysis on key issues related to growth and development in East Asia. East Asian firms must not only achieve greater efficiency but also become more innovative, offering differentiated products in order to vie with other first-tier suppliers of multinational corporations. These firms will also need to develop a technological edge if they are to compete with corporations from the leading OECD countries and form their own global production networks. ‘Global Production Networking and Technological Change in East Asia’ argues that a development strategy linked to technological advance will be necessary to foster the growth of innovative national firms that can remain competitive in global markets.

Written by a combination of top academics, industry experts and leading practitioners, this book offers a detailed insight into both unimodal and multimodal carriage of goods. It provides a comprehensive and thoroughly practical guide to the issues that matter today on what is a very complex area of law. From the papers delivered at the 8th International Colloquium organised by Swansea Law School’s prestigious Institute of International Shipping and Trade Law, this original work considers current opinions, trends and issues arising from contracts of carriage of goods by sea, land, air, and multi-modal combinations of these, not to mention the legal position of vital participants such as freight forwarders, terminal operators and cargo insurers. The topics under discussion range through issues such as paperwork, piracy, liability for defective containers, damage in transit, the CMR Convention, and the possible effects of the Rotterdam Rules. An indispensable resource for transport lawyers, industry professionals, academics and post-graduate students of maritime law.

Ian Taylor and Karen Smith present a much-needed and full examination of the United Nations Conference on Trade and Development (UNCTAD), covering its history and current activities. All the key areas are covered by accessibly written chapters, including: an overview of UNCTAD: what it is, why it was formed and why it is important how the organization operates today: what it does and how it does it key criticisms made against the organization: is it relevant in today ’s world? emerging issues within the organization and its future direction. In the current era of globalization and what appears to be the dominance of neo-liberal economic thought, UNCTAD has sought to make itself germane to ongoing international debates. The implications of this for the organization ’s key remit, namely making the world a fairer place, are something that this book unpacks.

Multimodal Freight Transportation Within the Great Lakes-Saint Lawrence Basin

Strategies, Operations and Perspectives

Frameworks and Policy Applications in Freight and Passenger Transport

The South Caucasus-centred Transport Hub: The Crossroads of the East-West and the North-South Corridors

Carriage of Goods by Sea, Land and Air

International Scientific Siberian Transport Forum TransSiberia - 2021

This book presents a specific technical solution, called intermodal transport, which became the basic technological solution that made it possible to provide global interregional transport. Every day, new technical, technological, and organizational solutions appear that significantly affect the further development of this industry. However, there are certain local differences between regions. In addition, an essential factor is the exchange of experience between scientists from different countries. Accordingly, the purpose of this monothematic book is to acquaint readers with the achievements of scientists dealing with this topic and living in different regions. Scientists and specialists from Poland, Germany, Great Britain, USA, Romania, Bulgaria, Russia, Italy, Kazakhstan, and Lithuania participated in the writing of individual chapters of this book. This book is intended for professionals, teachers, students, and others who are interested in new approaches to solving transport problems.

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. 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 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 essential resource for undergraduates studying transport geography, as well as those interest in economic and urban geography, transport planning and engineering. This proceedings book reflects the alternative way of development of the modern global economic system. It sets evolutionary development in opposition to revolutionary leap. The search for the best way to develop the world economy in the present and future is carried out. The social environment and the human-centered development of the modern global economic system have been explored. The features of training of personnel for the modern global economic system through the development of vocational education and training have been studied. Sustainable development, energy and food security have been identified as significant milestones of the progress of the modern global economic system. Innovations and digital technologies have been suggested as the drivers of growth and development of the modern global economic system. Consideration has been given to the institutional framework and legal groundwork for the development of the modern global economic system. The fundamentals have been identified and recommendations have been put forward for improving governmental regulation, financial and capital investment support for integration in the modern global economic system. The book includes the best works based on the results of the 22nd International Research-to-Practice Conference “Current Issues of the Global Economy” which was held on June 19, 2020, at the Peoples’ Friendship University of Russia (PFUR) (Moscow, Russia) and the 14th National Research-to-Practice Conference “A New Paradigm of Social and Economic Development in the Age of Intelligent Machines,” which was held on May 14–16, 2020 (Nizhny Novgorod, Russia), VIII International Research-to-Practice Conference “Multipolar Globalization and Russia,” which was held on May 21–23, 2020 (Rostov-on-Don, Russia), III All-Russian Research-to-Practice Conference “Power, Business, and Education: The Ascent to Man,” which was held on May 21–22, 2020 (Krasnoyarsk, Russia), International Research-to-Practice Conference “Current Issues and Ways of Industrial Development: Engineering and Technologies,” which was held from September 28, 2020, till October 1, 2020 (Komsomolsk-on-Amur), and the 15th National Research-to-Practice Conference “New Models of Behavior of Market Players in the Conditions of Digital Economy,” which was held on October 29–30, 2020, at Ufa State Oil Technical University, Institute of Economics and Service (Ufa, Russia). The target audience of the book consists of scholars studying the features of development of the global economic system at the present stage and the prospects for its future progress.

Volume 1

Smart Planning for Emerging Transportation Technologies

International Organization and Conference Series

United States Participation in the UN

Department of State Publication

Report by the President to the Congress for the Year 1980

This book argues that Turkey’s continuing economic expansion depends on the diversification of its transport modes and especially on the development of efficient multimodal services.

Global Trends of Smart Cities provides integrated analysis of 135 cities that participated in the IBM’s Smarter Cities Challenge in 2010–2017. It establishes evidence-based benchmarking of city geographies, city sizes, governance structures, and local planning contexts in smart cities. This book uses a combination of descriptive statistical analysis and real-world case study narratives to evaluate the ways in which each individual urban variable or their combination matter in the diversity of smart city approaches around the globe. It is acknowledged that the Smarter Cities Challenge offers a particular set of smart initiatives and is not representative of all smart cities around the world. Nevertheless, the global presence of the Challenge across five continents and its involvement with 135 cities of all size and socioeconomic status provides a solid foundation to conduct comparative research on smart cities. Considering limited comparative research available in the smart city debate, this book makes significant contribution in understanding the state of smart city development in urban governments worldwide. Offers an integrated assessment of smart cities using a combination of statistical analysis and real-world case study narrations Compares smart city interventions from the 135 cities that participated in the Smarter Cities Challenge with detailed case study narrations included for 17 cities Demonstrates the ways in which geography, size, governance, and local planning context—each individually and in combination with each other—influence smart city development around the globe Develops an urban research perspective to the smart city discourse otherwise dominated by digital and IT specialists, engineers, and business experts Identifies the North–South divide as the most influential factor explaining how smart urbanism is framed worldwide and argues that the future of smart city development depends on how "smart" approaches the ongoing and increasing level of inequity and inequality not only within our cities but also at the transregional and transnational levels

The proceedings collect the latest research trends, methods and experimental results in the field of electrical and information technologies for rail transportation. The topics cover novel traction drive technologies of rail transportation, safety technology of rail transportation system, rail transportation information technology, rail transportation operational management technology, rail transportation cutting-edge theory and technology etc. The proceedings can be a valuable reference work for researchers and graduate students working in rail transportation, electrical engineering and information technologies.

Global Trends of Smart Cities

Proceedings of the 3rd International Conference on Electrical and Information Technologies for Rail Transportation (EITRT) 2017

Department of Transportation and Related Agencies Appropriations for 2001

Modern Global Economic System: Evolutional Development vs. Revolutionary Leap

Transportation

Multimodal Transport Security

Whilst the maritime container business has been studied in depth, the impact on shippers and how shippers deal with the given challenges has not been fully examined. Container Logistics bridges this gap and looks at the maritime business from a customer's perspective. The book examines the challenges, solutions and the latest developments in the container industry as well as the interaction between the different actors involved, such as freight forwarders, supply chain managers and shippers. Current hot topics from the supply chain and the maritime business perspective are included. From the supply chain perspective, Container Logistics covers areas such as the purchase of transportation services from ocean carriers and transport management, to effective and efficient logistics execution. From the maritime business perspective, the book covers topics such as intermodal freight optimisation and hinterland transportation, and terminal and port optimisation. With the inclusion of clear examples of best practice and bona fide case studies, as well as invaluable contributions from an international team of experts, Container Logistics is an essential guide for supply chain managers and shippers, as well as academics and industry professionals working in the maritime business. Online supporting resources include images from the book and chapter summaries.

Freight Forwarding and Multimodal Transport Contracts, 2nd Edition, is a comprehensive guide to the law in relation to contract forms and terms created by operators, trade associations or international bodies such as the UN and used as a basis for trading conditions by freight forwarders, logistics suppliers, combined or multimodal transport operators and container operators. This second edition examines the latest editions of contract forms and terms, both where their object is the supply or procurement of multimodal carriage, as well as where they are directed to the use of combined transport equipment (ie containers, swap bodies). Of particular prominence will be a detailed examination of the latest versions of conditions used by the principal UK forwarding, logistics, intermodal and container operators such as the British International Freight Association (BIFA) conditions 2005A and the current Freightliner Conditions as well as updates on many of the conditions in use and legal developments relevant to them, eg Road Haulage Association Conditions 2009, Maersk Conditions of Carriage, TT Club Conditions.

Efficient, reliable, and safe freight transportation is critical to the economic prosperity of any region. An efficient multimodal and intermodal transportation system reduces transportation and supply chain transaction costs and increases connectivity, mobility, reliability, and accessibility to local and global markets. An efficient freight transportation system, therefore, supports economic development, expansion of international trade, increased employment, growth in personal income, and growth of the gross domestic product of a region—ultimately improving the quality of life of its citizens. This research documents major trends (i.e., global trade, sociodemographic, environmental, and technology trends) that could impact the future business models of Texas’ companies; identifies and discuss factors that influence companies’ site selection decisions and explores how Texas ranks compared to other states; discusses changing business models and the associated impacts on and expectations for a future freight transportation system, and provides insight into the foreseen role for the Texas Department of Transportation in planning for an efficient, reliable, and safe freight transportation system in 2055 that supports the growth of industry and ultimately the Texas economy.

This research document is a companion to Report 0-6809-2 that explores international rail traffic increases and their potential impacts on Texas rail planning needs.

Summary of Progress

Multimodal Transport Rules

new series].

Hearings Before a Subcommittee of the Committee on Appropriations, House of Representatives, One Hundred Sixth Congress, Second Session

Container Logistics

United States Participation in the United Nations

"TRB's National Cooperative Freight Research Program (NCFRP) Report 17: Multimodal Freight Transportation Within the Great Lakes--Saint Lawrence Basin describes the current multimodal freight transportation system within this bi-national region--Minnesota, Wisconsin, Michigan, Illinois,

Indiana, Ohio, Pennsylvania, New York, Ontario, and Quebec--and its importance to regional, United States, and Canadian economies. The report also analyzes the system's overall performance and related opportunities and constraints to improving performance and to meet projected freight flows.

The report includes an analysis of each mode's capacity and the major commodities each of them moves; the barriers and constraints that impact each mode's ability to move cargo; the performance implications in terms of major commodity supply chains (coal, automotive parts and machinery,

containerized consumer goods, grains, and iron ore); and a strategic freight planning process for multimodal transport chain performance going forward."--publisher's description.

Uni-modal and Multi-modal Transport in the 21st Century

MIMA Forum on World Shipping Trends and Multimodal Transport in Europe and the Far East, 22 July 1997

A Comparative Analysis of Geography, City Size, Governance, and Urban Planning

Department of Transportation and Related Agencies Appropriations for 2001: Department of Transportation: Coast Guard

Progress Report

U.S. Participation in the UN