

# Maritime Logistics A Complete Guide To Effective Shipping And Port Management

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## **Maritime Logistics** - Dong-Wook Song 2015-04-03

Globalisation and the rapid increase in world trade in the past decade have contributed to greater demand for international transport and logistics and, consequently, the expansion of the maritime industry. The dramatic changes in the mode of world trade and cargo transportation make it more important than ever to have a clear understanding of the way in which freight is transported by sea and the role of ports in this exchange. At the cutting edge in its assessment of the industry, *Maritime Logistics* covers the whole scope of maritime logistics and examines latest logistical developments within the port and shipping industry. With a range of new international contributors, this new edition has been thoroughly revised and updated. There are new chapters on port centric logistics, hinterland logistics and global supply chains, maritime transport and logistics as a trade facilitator, and future trends and developments. Written by a team of international experts with over fifty years' experience in the field, *Maritime Logistics* provides a truly global perspective. The book covers everything that students of logistics, as well as those working within the industry, need to know about maritime logistics, including shipping lines, containers, tankers, dry bulk, port-centric logistics, and much more.

## **Maritime Networks** - César Ducruet 2015-10-05

Maritime transport is one of the most ancient supports to human interactions across history and it still supports more than 90% of world trade volumes today. The changing connectivity of maritime networks is of crucial importance to port, transport, and economic development and planning. The way ports, terminals, but also cities, regions and countries, are connected with each other through maritime flows is not well-known and difficult to represent and measure, even for the transport actors themselves. There is a strong, urgent need for reviewing the relevant theories, concepts, methods, and sources that can be mobilized for the analysis of maritime networks. With contributions from reputable scholars from all over the world, this book investigates the analysis of maritime flows and networks from diverse disciplinary angles going across archaeology, history, geography, regional science, economics, mathematics, physics, and computer sciences. Based on a vast array of methods, such as Geographical Information Systems (GIS), spatial analysis, complex networks, modelling, and simulation, it addresses several crucial issues related with port hierarchy; route density; modal interdependency; network robustness and vulnerability; traffic concentration and seasonality; technological change and urban/regional economic development. This book examines new evidence about how socio-economic trends are reflected (but also influenced) by maritime flows and networks, and about the way this knowledge can support and enhance decision-making in relation to the development of ports, supply chains, and transport networks in general. This book is an ideal companion to anyone interested in the network analysis of transport systems and economic systems in general, as well as the effective ways to analyse large datasets to answer complex issues in transportation and socio-economic development.

## *Maritime Logistics* - Dong-Wook Song 2012-01-12

Contemporary practice and scientific innovation consider the logistics aspects of shipping or maritime and seaport operations as one of the most important areas for development of competitive advantages in business and for study and research. This book covers issues having a significant impact on the industry.

## *Geographies of Maritime Transport* - Gordon Wilmsmeier 2020-03-28

This multidisciplinary book delivers a unique collection of well-considered, empirically rich and critical contributions on maritime

transport geographies. It covers a wide range of markets and territories as well as institutional, environmental and future issues.

## **Handbook of Research on Military, Aeronautical, and Maritime Logistics and Operations** - Ochoa-Zezzatti, Alberto 2016-02-02

Effective logistics management has played a vital role in delivering products and services, and driving research into finding ever improving theoretical and technological solutions. While often thought of in terms of the business world, logistics and operations management strategies can also be effectively applied within the military, aeronautical, and maritime sectors. The *Handbook of Research on Military, Aeronautical, and Maritime Logistics and Operations* compiles interdisciplinary research on diverse issues related to logistics from an inclusive range of methodological perspectives. This publication focuses on original contributions in the form of theoretical, experimental research, and case studies on logistics strategies and operations management with an emphasis on military, aeronautical, and maritime environments. Academics and professionals operating in business environments, government institutions, and military research will find this publication beneficial to their research and professional endeavors.

## **Managing the Supply Chain** - David Simchi-Levi 2003-11-22

In today's environment of tight budgets and even tighter turnarounds, effective supply-chain management has become a core business requirement. *Managing the Supply Chain* adapts the number one supply-chain book on the college market to examine how professionals can consistently turn supply-chain strategy into a competitive advantage. This results-based book examines the experiences of today's most accomplished companies to demonstrate supply-chain innovation at work in the marketplace.

## **Global Logistics Network Modelling and Policy** - Ryuichi Shibasaki 2020-09-08

*Global Logistics Network Modelling and Policy* provides guidelines on quality policy, covering investments, management and planning for port and hinterland infrastructure, roads, railways and inland waterway ports. The book first describes the authors' concept and formulation models, followed by a description and analysis of the applied data. As shipping companies fiercely compete in an effort to achieve greater efficiency and impact infrastructure policy and plan for the entire supply chain, they need tactics that drive quality transportation policy and new ways to model and simulate worldwide cargo movements, all while estimating demand and capacity of systems. This book provides quantitative tools for modeling, analysis, and simulation of worldwide, inter-modal cargo movement - helping forecast the impacts of logistics and related policies in each region of the world. It covers useful applications for every region of the world, allowing policymakers to tailor results for their own specific uses. Delivers sophisticated quantitative tools for modeling simulations, providing powerful analysis of global intermodal cargo movements. Features examples of tools applied to logistical policy situations in every region of the world. Serves as a bridge between theory and practice in the field of freight transportation research. Provides detailed, data-supported case studies and real-world examples for transportation modelers, planners and policymakers.

## *Sustainable Port Clusters and Economic Development* - Elvira Haezendonck 2019-03-18

This book belongs to the Port Economics and Global Supply Chain Management strand of the Palgrave Studies in Maritime Economics book series, commissioned by Hercules Haralambides. This book addresses the strategic alignment between port authorities and their supply chain partners, with a focus on governance challenges. Many port (authority)

managers are engaged in efforts to improve their strategic alignment with business partners in their proximate geographic region, yet the economic objectives pursued can vary widely. These objectives can include improvements in port competitiveness and stability of traffic flows, as well as better access to scarce resources such as land and capital, or simply more control over the logistics chain. Using various Benelux seaports as case studies, the authors of this volume show that improving strategic alignment can involve a wide variety of different governance choices, ranging from top-down to bottom-up alliance formation, from project-driven to multi-activity collaboration, and from long-term contracting to full-fledged mergers. This book with state-of-the-art insight on modern port governance will be of interest to port managers around the globe, as well as to lecturers and students in maritime educational programs. Chapter 4 is available open access under a Creative Commons Attribution 4.0 International License via [link.springer.com](http://link.springer.com).

**Management of Shipping Companies** - Ioannis Theotokas 2018-04-19  
The maritime sector is dynamic and volatile, creating the need for continuous monitoring of the latest developments and their effects on the organisation, management and strategies of shipping companies. This book analyses the business environment of these companies and the approaches they adopt in organising and managing their activities. Management of Shipping Companies aims to facilitate the learning and understanding of the fascinating world of shipping business. It examines the organisation and management of companies which manage ocean-going ships, emphasising the special characteristics of the industry and the framework created by these. This textbook offers a detailed account of the companies' processes and functions, the structural and contextual dimensions of their organisation, as well as an analysis of human resources, safety management and the outsourcing of shipping operations. Written in an easily digestible and critical manner, it includes case studies and analysis of best practices implemented by companies worldwide. This unique and accessible book is an ideal text for students in maritime studies programs as well as readers interested in learning about maritime businesses' organisation and management.

*Logistics* - Harald Gleissner 2014-02-11

Logistics is the ideal book for Bachelor students of logistics, providing a solid foundation as well as a practical guide. In modular and clear form, it explains key concepts, principles, and practices of logistics. Learning objectives as well as several case studies are integrated into each chapter. It features chapters on Principles of Logistics; Logistics Systems; Transport Systems and Logistics Services; Warehousing, Handling and Picking Systems; Inventory, Stock and Provisioning Management; Logistics Network Planning; IT in Logistics; and Logistics Controlling. In addition, the second fully updated German edition has been extended by the chapters Logistics Infrastructure and Investment and Financing in Logistics. "This book offers, in a very clear and concise manner, access to fundamental management topics of modern logistics. Well-chosen case studies serve to illustrate best practice solutions."

Professor Peter Klaus, member of Logistics Hall of Fame "This new textbook facilitates a comprehensive and easy-to-grasp insight into the complex subject area of logistics. The authors have succeeded in presenting a good mix of theoretical foundation and practical application. Due to its clear structure and extensive range of topics, this book is highly suitable not only for students, but also for practitioners."

Bernhard Simon, Managing Director, DACHSER GmbH & Co. KG  
**Container Logistics and Maritime Transport** - Dong-Ping Song 2021-05-05

This book provides a coherent and systematic view of the key concepts, principles, and techniques in maritime container transport and logistics chains including all the main segments: international maritime trade and logistics, freight logistics, container logistics, vessel logistics, port and terminal management, and sustainability issues in maritime transport. Container Logistics and Maritime Transport emphasizes analytical methods and current optimization models to tackle challenging issues in maritime transport and logistics. This book takes a holistic approach to cover all the main segments of the container shipping supply chains to achieve an efficient and effective logistics service system across the entire global transport chain. Sustainability issues such as social concern and carbon emissions from shipping and ports are also discussed. Each maritime transport segment is addressed using an approach from qualitative/descriptive analytics to quantitative/prescriptive analytics. Cutting-edge optimization models are presented and explained to tackle various strategic, tactical, and operational planning problems. The book will help readers better understand operations management in global

maritime container transport chain. It will also provide practical principles and effective techniques and tools for researchers to push forward the frontiers of knowledge and for practitioners to implement decision support systems. It will be directly relevant to academic courses related to maritime transport, maritime logistics, transport management, international shipping, port management, container shipping, container logistics, shipping supply chain, and international logistics.

**Review of Maritime Transport 2020** - United Nations 2021-01-06

This series contains the decisions of the Court in both the English and French texts.

*Logistics Transportation Systems* - MD Sarder 2020-10-17

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

**Supply Chain Management For Dummies** - Daniel Stanton 2020-11-11

Increase your knowledge of supply chain management and leverage it properly for your business If you own or make decisions for a business, you need to master the critical concept of supply chain management. Supply Chain Management For Dummies, 2nd Edition guides you to an understanding of what a supply chain is and how to leverage this system effectively across your business, no matter its size or industry. The book helps you learn about the areas of business that make up a supply chain, from procurement to operations to distribution. And it explains the importance of supporting functions like sales, information technology, and human resources. You'll be prepared to align the parts of this system to meet the needs of customers, suppliers, and shareholders. By viewing the company as a supply chain, you'll be able to make decisions based on how they will affect every part of the chain. To help you fully understand supply chains, the author focuses on the Supply Chain Operations Reference (SCOR) model. This approach allows all types of professionals to handle their work demands.

- Use metrics to improve processes
- Evaluate business risks through analytics
- Choose the right software and automation processes
- Plan for your supply chain management certification and continuing education

A single business decision in one department can have unplanned effects in one or more areas, such as purchasing or operations. Supply Chain Management For Dummies helps you grasp the connections between business lines for wiser decision making and planning.

**Maritime Economics** - Alan Branch 2013-04-15

Now in its second edition Maritime Economics provides a valuable introduction to the organisation and workings of the global shipping industry. The author outlines the economic theory as well as many of the operational practicalities involved. Extensively revised for the new edition, the book has many clear illustrations and tables. Topics covered include: \* an overview of international trade \* Maritime Law \* economic organisation and principles \* financing ships and shipping companies \* market research and forecasting.

**Encyclopedia of Strategic Leadership and Management** - Wang, Victor C. X. 2016-12-12

Strategic leadership techniques are the cornerstone to positive growth and prosperity within businesses and organizations. Implementing new management strategies and practices helps to ensure managers are optimizing their resources and driving innovation. The Encyclopedia of Strategic Leadership and Management investigates emergent administrative techniques and business practices being utilized within

corporate and educational settings. Highlighting empirical research and best practices within the field, this encyclopedia will be an authoritative reference source for students, researchers, faculty, librarians, managers, and leaders across various disciplines and cultures.

Maritime Logistics - Dong-Wook Song 2012

Globalisation and the rapid increase in world trade in the past decade have contributed to greater demand for international transport and logistics and, consequently, the expansion of the maritime industry. The dramatic changes in the mode of world trade and cargo transportation make it more important than ever to have a clear understanding of the way in which freight is transported by sea and the role of ports in this exchange. *Maritime Logistics* examines the latest development, knowledge and practices taking place in logistics and supply chain within the port and shipping industry. Written by a team of international experts, who provide a truly global perspective on this increasingly key area of logistics, the book covers everything that students of logistics, as well as those working within the industry should know and understand including shipping lines, dry bulk and port-centric logistics.

Port, Maritime and Hinterland Development in Southeast Asia (UUM Press) - Ahmad Bashawir Abdul Ghani 2014-10-01

This book addresses myriad of issues and challenges in the field of port, maritime and hinterland development in Southeast Asia from multidisciplinary perspectives. Instead of focusing on only certain aspects of the maritime discipline, the book presents a range of different viewpoint from business and management, historical development, geography, law, and others. Although the book is made in the form of an edited book, readers will benefit and gain knowledge on many important issues in the field of port, maritime and hinterland development in Southeast Asia. This book will also be beneficial to all parties in this area, including policy and decision makers, government officials, port authorities, port operators or terminal operators, maritime-related service providers such as freight forwarders in port, ship agents, navigation officers, customs brokers, stevedores and other port users, shippers, passengers, and carriers. This book is also catered for those involved in maritime research or students who take maritime subject, or to the public who are interested in maritime issues. The contributors of this book are experts from diverse backgrounds with extensive experience in the fields of port, maritime and hinterland development. This is because we believe that maritime studies are intertwined with many aspects of life from environmental management to disputes at the sea, which will affect the maritime trade industry. Hence, issues in this book are also various. However, the emphasis is on the development of port, maritime and hinterland sector in Southeast Asia.

Intelligent Transportation and Planning: Breakthroughs in Research and Practice - Management Association, Information Resources 2018-02-02

From driverless cars to vehicular networks, recent technological advances are being employed to increase road safety and improve driver satisfaction. As with any newly developed technology, researchers must take care to address all concerns, limitations, and dangers before widespread public adoption. *Intelligent Transportation and Planning: Breakthroughs in Research and Practice* is an innovative reference source for the latest academic material on the applications, management, and planning of intelligent transportation systems. Highlighting a range of topics, such as automatic control, infrastructure systems, and system architecture, this publication is ideally designed for engineers, academics, professionals, and practitioners actively involved in the transportation planning sector.

Principles of Chartering - Phd Photis M Panayides 2018-04-12

Chartering describes the process by which a ship is leased for the transportation of goods. Knowledge of this complex, multifaceted field is vital for anyone seeking success in the shipping industry. In this third edition of *Principles of Chartering*, shipping and maritime economics expert Photis M. Panayides, PhD, offers a revised and updated version of his seminal work on chartering contracts. Beginning with an introduction of the concept of chartering and how it applies to various types of ships, cargo, and trade routes, Panayides goes on to explore all aspects of chartering, including charterparties, shipbroking, bills of lading, voyage and time chartering, and more. Panayides offers a comprehensive overview of chartering principles, supported by real-life examples of orders, offers, and negotiations. Key points are addressed in plain language, while a glossary of over 1,300 chartering terms helps readers quickly understand chartering terminology and abbreviation. In this new edition, Panayides expands and updates his previous exploration of voyage estimation principles while referring to more than seventy legal cases that influenced current commercial chartering practices. *Principles*

of Chartering provides the information you need to succeed in commercial shipping, all in an easy-to-access format.

Event Planning - Judy Allen 2009-04-16

This bestselling all-in-one guide to the event planning business is back and better than ever, fully updated and revised to reflect the very latest trends and best practices in the industry. This handy, comprehensive guide includes forms, checklists, and tips for managing events, as well as examples and case studies of both successful and unsuccessful events. Judy Allen (Toronto, ON, Canada) is founder and President of Judy Allen Productions, a full-service event planning production company.

Shipping and Logistics Management - Yuen Ha (Venus) Lun 2010-04-07

*Shipping and Logistics Management* serves to consolidate the knowledge its authors have acquired from being educators and observers of the shipping industry. Against the background of a global business environment, it explains how the shipping market functions, examining the strategic and operational issues that affect entrepreneurs in this industry. The authors discuss global trends and strategies in the shipping business, looking at the role of logistics service providers and at how the use of information technology can help shipping operations. *Shipping and Logistics Management* also aims to answer several important questions in the shipping industry, including: what are the shipping cost structures?, what are the patterns of sea transport? and how do companies in the shipping industry operate? An invaluable source of information for researchers and advanced, or graduate, students, *Shipping and Logistics Management* is also a useful reference for shipping practitioners and consultants.

Dynamics in Logistics - Michael Freitag 2021-12-02

This open access book highlights the interdisciplinary aspects of logistics research. Featuring empirical, methodological, and practice-oriented articles, it addresses the modelling, planning, optimization and control of processes. Chiefly focusing on supply chains, logistics networks, production systems, and systems and facilities for material flows, the respective contributions combine research on classical supply chain management, digitalized business processes, production engineering, electrical engineering, computer science and mathematical optimization. To celebrate 25 years of interdisciplinary and collaborative research conducted at the Bremen Research Cluster for Dynamics in Logistics (LogDynamics), in this book hand-picked experts currently or formerly affiliated with the Cluster provide retrospectives, present cutting-edge research, and outline future research directions.

Trade and Transport Corridor Management Toolkit - Charles Kunaka 2014-05-07

Trade and transport corridors are fundamental to the overland movement of international trade, particularly for landlocked countries. This book provides tools and techniques for the design of trade and transport corridor projects. It is meant for task managers, policy makers, and corridor service providers.

The Business of Shipping - Ira Breskin 2018-03-15

The classic *Business of Shipping* (now in its ninth edition) remains North America's most comprehensive industry-focused book that explains and analyzes marine transportation and related industries, both domestic and international. This is an authoritative text that is required reading for a newcomer looking to understand basic shipping operations, regulations, and international cargo movement, or a specialized professional seeking insight into other industry segments. Revised and fully updated, the ninth edition reaffirms its status as the cornerstone text in marine transportation education.

Maritime Technology and Engineering - Carlos Guedes Soares 2014-09-30

*Maritime Technology and Engineering* includes the papers presented at the 2nd International Conference on Maritime Technology and Engineering (MARTECH 2014, Lisbon, Portugal, 15-17 October 2014). The contributions reflect the internationalization of the maritime sector, and cover a wide range of topics: Ports; Maritime transportation; Inland navigat

Maritime Logistics - Dong-Wook Song 2012-04-03

Globalisation and the rapid increase in world trade in the past decade have contributed to greater demand for international transport and logistics and, consequently, the expansion of the maritime industry. The dramatic changes in the mode of world trade and cargo transportation make it more important than ever to have a clear understanding of the way in which freight is transported by sea and the role of ports in this exchange. *Maritime Logistics* examines the latest development, knowledge and practices taking place in logistics and supply chain within the port and shipping industry. Written by a team of international

experts, who provide a truly global perspective on this increasingly key area of logistics, the book covers everything that students of logistics, as well as those working within the industry should know and understand including shipping lines, dry bulk and port-centric logistics.

**ITF Round Tables Port Investment and Container Shipping Markets** - International Transport Forum 2015-05-25

This report examines the issues that need to be considered before the decision to proceed to costly expansions with long-life spans and a structural influence on the local and national economy. The report benefits from a case study of Chile.

**The Definitive Guide to Transportation** - CSCMP 2014-01-03

This is the most authoritative and complete guide to planning, implementing, measuring, and optimizing world-class supply chain transportation processes. Straight from the Council of Supply Chain Management Professionals (CSCMP), it brings together up-to-the-minute principles, strategies, and decisions for cost-efficiently and effectively moving goods between sellers and buyers. CSCMP and Thomas Goldsby introduce crucial concepts including transportation modes, execution, and control; outsourcing, modal and carrier selection, and 3PLs; TMS technologies; ocean shipping, international air, customs, and regulation; and much more. Step by step, The Definitive Guide to Transportation helps you optimize all facets of transportation, one of the highest-cost, highest-impact areas of supply chain management. Coverage includes: Basic transportation management concepts and their essential roles in demand fulfillment Key elements, processes, and interactions of transportation operations management Design principles and strategies for establishing efficient, effective, and sustainable transportation operations The critical role of technology in managing transportation operations and product flows Requirements and challenges of planning and moving goods between countries Best practices for assessing performance using standard metrics and frameworks

**Cross-Border Logistics Operations** - Andrew Grainger 1998-09-30

Get a complete overview of cross-border trade and customs and learn how to develop and apply management techniques and integrate new technologies.

**Oil Transport Management** - Y.H. Venus Lun 2012-07-25

The first volume in a new Springer Series on Shipping and Transport Logistics, Oil Transport Management provides a full historical account of the evolution of the oil transport industry since the 1800's. In this comprehensive guide, the authors investigate the industry and describe the shipping market and its structure, as well as forecasting, location plan and the transportation chain. They dedicate a separate chapter to each topic to cover various concepts, including: an introduction to the tanker shipping market, including how the freight, new vessel building, second hand and demolition markets influence one another, the economic structure and organization of the tanker industry in both the past and present, and forecasting the need for oil-based sea transportation. Further chapters present case studies and simulations to illustrate the importance of factory location decisions and the need for oil infrastructure investments. Chapter One also includes a regression equation to predict the fleet size in tanker shipping. Oil Transport Management is a key reference, which can be practically applied to wider global research and practices. Ideal for both industry practitioners, and researchers and students of shipping studies, Oil Transport Management provides a concise yet comprehensive coverage of the oil transport industry's history and a guide for its future development.

**Container Logistics** - Rolf Neise 2018-05-03

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.

**Port Engineering** - Gregory P. Tsinker 2004-02-16

This comprehensive book covers all major aspects of the design and maintenance of port facilities, including port planning, design loads for today's larger vessel size, seismic design guidelines, and breakwater design. New material addresses environmental concerns, the latest developments on inter-modal hubs and transfer points, and the latest information on port security and procedures being implemented around the world.

**A Practical Guide to Logistics** - Jerry Rudd 2019-07-03

Few people come into logistics management with knowledge and experience of all aspects of the profession. Some may have worked their way up from driving a vehicle but know little of warehouses, others may find themselves taking responsibility for logistics as part of a wider remit such as operations. A Practical Guide to Logistics aims to equip them with the necessary knowledge to move on to the next stage, with simple non-technical explanations of the options available, and impartial advice on how to choose the right option for their business. It is also an excellent primer for students studying logistics for the first time, on BSc or MSc courses, as well as practitioners on professional training courses. A Practical Guide to Logistics is a straightforward guide taking readers through all aspects of this fascinating industry, covering packaging, transportation, warehousing and exporting and importing of goods. There is a real need for this basic knowledge, both for practitioners starting out in the industry or more experienced practitioners who may have gaps in their knowledge. The book examines each aspect of logistics in turn and the text is supported by numerous illustrations.

**Intermodal Freight Transport and Logistics** - Jason Monios

2017-06-14

Applying sophisticated management techniques to freight transport offers the potential for significant cost savings as well as greater efficiency. Yet the inherent complexity of intermodal transport presents many challenges. This practical textbook on the operations of intermodal transport and logistics focuses on the practical concerns and the basics of operations, such as vehicles, containers, handling operations, logistics management and optimisation. All chapters are written by field specialists, and the volume includes additional chapters on economics, law and the environment to put the practical topics into context. It presents a balanced textbook for postgraduate students and also a reference text for those in industry or the public sector involved in the planning of intermodal freight transport.

**Handbook of Research on the Applications of International**

**Transportation and Logistics for World Trade** - Ceyhun, Gökçe Çiçek  
2019-12-06

In today's developing world, international trade is a field that is rapidly growing. Within this economic market, traders need to implement new approaches in order to satisfy consumers' rising demands. Due to the high level of competition, merchants have focused on developing new transportation and logistics strategies. In order to execute effective transportation tactics, decision makers need to know the fundamentals, current developments, and future trends of intercontinental transportation. The Handbook of Research on the Applications of International Transportation and Logistics for World Trade provides emerging research exploring the effective and productive solutions to global transportation and logistics by applying fundamental and in-depth knowledge together with current applications and future aspects.

Featuring coverage on a broad range of topics such as international regulations, inventory management, and distribution networks, this book is ideally designed for logistics authorities, trading companies, logistics operators, transportation specialists, government officials, managers, policymakers, researchers, academicians, and students.

**Sustainable Logistics and Strategic Transportation Planning** -

Kramberger, Tomaž 2016-03-17

The tactical organization of resources is a vital component to any industry in modern society. Effectively managing the flow of materials through various networks ensures that the requirements of customers are met. Sustainable Logistics and Strategic Transportation Planning is a pivotal reference source for the latest research on the management of logistics through the lens of sustainability, as well as for emerging procedures that are particularly critical to the transportation sector. Highlighting international perspectives, conceptual frameworks, and targeted investigations, this book is ideally designed for policy makers, professionals, researchers, and upper-level students interested in

logistics and transport systems.

**Review of the Regulation of Freight Transport in Mexico** - OECD  
2017-01-09

This publication identifies the main regulatory obstacles of the following transport sectors in Mexico: road transport, railways, ports, border crossing, and airway passengers. The report also offers recommendations to improve the quality of the regulatory framework of these sectors.

*Maritime Logistics* - Photis M. Panayides 2015-03-04

Globalisation and the rapid increase in world trade in the past decade have contributed to greater demand for international transport and logistics and, consequently, the expansion of the maritime industry. The dramatic changes in the mode of world trade and cargo transportation make it more important than ever to have a clear understanding of the way in which freight is transported by sea and the role of ports in this exchange. At the cutting edge in its assessment of the industry, *Maritime Logistics* covers the whole scope of maritime logistics and examines latest logistical developments within the port and shipping industry. With a range of new international contributors, this new edition has been thoroughly revised and updated. There are new chapters on port centric logistics, hinterland logistics and global supply chains, maritime transport and logistics as a trade facilitator, and future trends and developments. Written by a team of international experts with over fifty years' experience in the field, *Maritime Logistics* provides a truly global perspective. The book covers everything that students of logistics, as well as those working within the industry, need to know about maritime logistics, including shipping lines, containers, tankers, dry bulk, port-centric logistics, and much more. The book includes contributions from leading practitioners and academics in the field. The new edition includes a variety of new contributors, including: A. Michael Knemeyer, Associate Professor of Logistics, Fisher College of Business, The Ohio

State University; John P. Saldanha, Assistant Professor of Logistics, Fisher College of Business, The Ohio State University; Prof. Dr. Michele Acciaro, Assistant Professor of Maritime Logistics, THE KLU, Hamburg; Prof. Dr. Joern Meissner, Professor of Supply Chain Management & Pricing Strategy, THE KLU, Hamburg.

**Advances in Shipping Data Analysis and Modeling** - César Ducruet  
2017-11-06

Shipping flows - maritime 'footprints' - remain underexplored in the existing literature despite the crucial importance of freight transport for global trade and economic development. Additionally, decision-makers lack a comprehensive view on how shipping flows can be measured, analyzed, and mapped in order to support their policies and strategies. This interdisciplinary volume, drawing on an international cast-list of experts, explores a number of crucial issues in shipping data estimation, construction, collection, mining, analysis, visualization, and mapping. *Advances in Shipping Data Analysis and Modeling* delivers several key messages. First, that in a world of just-in-time delivery and rapid freight transit, it is important to bear in mind the long-term roots of current trends as well as foreseeable future developments because shipping patterns exhibit recurrent, if not cyclical and path-dependent, dynamics. Second, shipping flows are currently often understood at the micro-level of intra-urban logistics delivery and at the national level using commodity flow analyses, but this volume emphasizes the need to expand the scale of analysis by offering new evidence on the changing distribution of global and international shipping flows, based on actual data. Third, that this multidisciplinary approach to shipping flows can shed important light on crucial issues that go beyond shipping itself including climate change, urban development, technological change, commodity specialization, digital humanities, navigation patterns, international trade, and regional growth. Edited by experts in their field, this volume is of utmost importance to those who study industrial economics, shipping industries and economic and transport geography.