

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

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*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.

**Methods of Strategic Trade Analysis** - Christopher Nelson 2023-01-05

This book addresses ways that governments, international organizations, and other stakeholders can utilize data to uncover illicit trade in materials and equipment that could be used to support chemical, biological, nuclear, and advanced conventional weapons systems. Key concepts of strategic trade are introduced, including examples of strategic goods and their potential uses in weapons of mass destruction (WMDs) and weapons systems, the interplay between the Harmonized System and strategic trade control regimes, and the data available for analysis in the field. Innovative, yet practical methodologies to analyze strategic trade cover the use of crime scripts, risk assessment indicators, mirror statistics, market share analysis, and transshipment and re-export analysis. There are also chapters on leading-edge techniques involving machine learning and network analysis that have shown promise in other areas of crime and illicit trade investigations. Each chapter provides step-by-step instructions on applying the technique, numerous case studies and examples, and discussions of the strengths and weaknesses of each approach. This volume is designed to provide all types of analysts with practical pathways for understanding, detecting, and

disrupting illicit procurement of materials and equipment needed to produce WMDs and advanced weapons.

**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.

*Infrastructure Investment in Indonesia: A Focus on Ports* - Colin Duffield 2019-11-10

*Infrastructure Investment in Indonesia: A Focus on Ports* presents an important and original collation of current material investigating the efficient facilitation of major infrastructure projects in Indonesia and Australia, with an emphasis on infrastructure investment and a focus on port planning and development. This interdisciplinary collection—spanning the disciplines of engineering, law and planning—draws helpfully on a range of practical and theoretical perspectives. It is the collaborative effort of leading experts in the fields of infrastructure project initiation and financing, and is based on international research conducted by the University of Melbourne, Universitas Indonesia and Universitas Gadjah Mada. The volume opens with a macroscopic perspective, outlining the broader economic situations confronting Indonesia and Australia, before adopting a more microscopic perspective to closely examine the issues surrounding major infrastructure investment in both countries. Detailed case studies are provided, key challenges are identified, and evidence-based solutions are offered. These solutions respond to

such topical issues as how to overcome delays in infrastructure project initiation; how to enhance project decision-making for the selection and evaluation of projects; how to improve overall efficiency in the arrangement of project finance and governance; and how to increase the return provided by investment in infrastructure. Special focus is given to proposed improvements to the port cities of Indonesia in the areas of major infrastructure project governance, policies, engagement, operation and processes. By rigorously investigating the economic, transport, finance and policy aspects of infrastructure investment, this book will be a valuable resource for policy makers and government officials in Indonesia and Australia, infrastructure investment organisations, and companies involved in exporting services between Indonesia and Australia. This book will also be of interest to researchers and students of infrastructure planning and financing, setting a solid foundation for subsequent investigations of financing options for large-scale infrastructure developments.

Maritime Supply Chains - Thierry Vanelander 2020-03-24  
Maritime Supply Chains breaks the maritime chain into components, consistently relating them to the overall integrated supply chain. The book not only analyzes and provides solutions to frequently encountered problems and key operational issues, it also applies cutting-edge scientific techniques on the maritime supply chain. Sections consider shipping, ports and terminals, hinterland and the issues that intersect different parts of the chain. Readers will find discussions of the various actors at play and how they relate to the overall function of the supply chain. Finally, the book offers solutions to the most pressing problems, thus providing a unique, well-balanced account. Provides a comprehensive and integrative account of the maritime supply chain, from shipping, to port, to hinterland Cuts through the maritime supply chain to offer a transversal picture on how the chain functions Applies rigorous analytical techniques to give solutions to the most frequent and pressing challenges facing maritime supply chains Considers advances, such as blockchain, that are set to transform maritime supply chains

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.

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

*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.

**Review of Maritime Transport 2016** - United Nations Conference on Trade and Development (UNCTAD) 2016-12-20  
The Review of Maritime Transport is an UNCTAD flagship publication, published annually since 1968. It provides an analysis of structural and cyclical changes affecting seaborne trade, ports and shipping, as well as an extensive collection of statistical information. The present edition of the Review of Maritime Transport

takes the view that the long-term growth prospects for seaborne trade and maritime businesses are positive, with ample opportunities for developing countries to generate income and employment and help promote foreign trade.

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.

**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.

**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

**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.

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.

**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.

Proceedings of the 3rd International Conference on Sustainability in Civil Engineering - Thanh Bui-Tien 2021-04-27

This book contains the proceedings of the 3rd International Conference on Sustainability in Civil Engineering, ICSCCE 2020, held on 26–27 November 2020, in Hanoi, Vietnam. It presents the expertise of scientists and engineers in academia and industry in the field of bridge and highway engineering, construction materials, environmental engineering, engineering in industry 4.0, geotechnical engineering, structural damage detection and health monitoring, structural engineering, geographic information system engineering, traffic, transportation and logistics engineering, water

resources, estuary and coastal engineering.

Global Logistics and Supply Chain Strategies for the 2020s - Rico Merkert 2022-12-08

Logistics and supply chain management is facing disruptive economic, technological and climate change developments that require new strategies. New technologies such as the Internet-of-Things, digital manufacturing or blockchain are emerging quickly and could provide competitive advantage to those companies that leverage the technologies smartly while managers that do not adopt and embrace change could be left behind. Last but perhaps most important for mankind, sustainability aspects such as low-carbon transportation, closed loop supply chains or socially-responsible supply chain setups will become essential to operate successfully in the future. All these aspects will affect logistics and supply chains as a whole as well as different functional areas such as air cargo, maritime logistics or sourcing/procurement. This book aims to dive into several of these functional topics to highlight the key developments in the next decade predicted by leading global experts in the field. It features contributions and key insights of globally leading scholars and senior industry experts. Their forward-looking perspectives on the anticipated trends are aimed at informing the reader about how logistics and supply chain management will evolve in the next decade and which academic qualities and skills will be required to succeed in the "new normal" environment that will be characterized by volatile and increasingly disrupted business eco-systems. Future scenarios are envisaged to provide both practitioners and students with insights that will help them to adapt and succeed in a fast changing world.

**The Routledge Handbook of Maritime Management** - Photis M. Panayides 2019-04-30

This handbook provides a wide-ranging, coherent, and systematic analysis of maritime management, policy, and strategy development. It undertakes a comprehensive examination of the fields of management and policy-making in shipping by bringing together chapters on key topics of seminal scientific and practical importance. Within 21 original chapters, authoritative experts describe and analyze concepts at the cutting edge of knowledge in shipping. Themes include maritime management and policy, ship finance, port and maritime economics, and maritime logistics. A study examines the determinants of ship management fees. Aspects of corporate governance in the shipping industry are reviewed and there is a critical review of the ship investment literature. Other topics featured include the organization and management of tanker and dry bulk shipping companies, environmental management in shipping with reference to energy-efficient ship operation, a study of the BIMCO Shipping KPI standard, utilizing the Bunker Adjustment Factor as a strategic decision-making instrument, and slow steaming in the maritime industry. All chapters are written to provide implications for further advancement in professional practice and research. The Routledge Handbook of Maritime Management will be of great interest to relevant students, researchers, academics, and professionals alike. It provides abundant opportunities to guide further research in the areas covered but will also initiate and inspire effective maritime management.

**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 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.

**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.

**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.

Encyclopedia of Transportation - Mark Garrett 2014-08-13

Viewing transportation through the lens of current social, economic, and policy aspects, this four-volume reference work explores the topic of transportation across multiple disciplines within the social sciences and related areas, including geography, public policy, business, and economics. The book's articles, all written by experts in the field, seek to answer such questions as: What has been the legacy, not just economically but politically and socially as well, of President Eisenhower's modern interstate highway system in America? With that system and the infrastructure that supports it now in a state of decline and decay, what's the best path for the future at a time of enormous fiscal constraints? Should California politicians plunge ahead with plans for a high-speed rail that every expert says—despite the allure—will go largely unused and will never pay back the massive investment while at this very moment potholes go unfilled all across the state? What path is best for emerging countries to keep pace with dramatic economic growth for their part? What are the social and financial costs of gridlock in our cities? Features: Approximately 675 signed articles authored by prominent scholars are arranged in A-to-Z fashion and conclude with Further Readings and cross references. A Chronology helps readers put individual events into historical context; a Reader's Guide organizes entries by broad topical or thematic areas; a detailed index helps users quickly locate entries of most immediate interest; and a Resource Guide provides a list of journals, books, and associations and their websites. While articles were written to avoid jargon as much as possible, a Glossary provides quick definitions of technical terms. To ensure full, well-rounded coverage

of the field, the General Editor with expertise in urban planning, public policy, and the environment worked alongside a Consulting Editor with a background in Civil Engineering. The index, Reader's Guide, and cross references combine for thorough search-and-browse capabilities in the electronic edition. Available in both print and electronic formats, *Encyclopedia of Transportation* is an ideal reference for libraries and those who want to explore the issues that surround transportation in the United States and around the world.

**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.

**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 upmost importance to those who study industrial economics, shipping industries and economic and transport geography.

*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.

**The battle of Transshipment Hubs: PSA vs. PTP** - Janina Bohling 2014-05-13

Seminar paper from the year 2014 in the subject Business economics - Supply, Production, Logistics, grade: 1,5, Heriot-Watt University Edinburgh, course: Maritime Logistics, language: English, abstract: This assignment reviews the latest status between the Port of Singapore (PSA) and the Port of Tanjung Pelepas (PTP). In November 1999, PTP was officially opened and declared its goal of challenging PSA to become East Asia's leading transshipment hub. Up to then, PSA was the dominant transshipment hub, thus enjoying a monopoly in this business of Southeast Asia.

**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).

**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.

**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.

**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.

**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.

**Port Management and Operations** - GIUSEPPE. SAIEVA 2020-06-30

*Port Management and Operations* your essential guide to port management in the twenty-first century. - Provides the reader with a complete understanding of total port activity - Enables managers working in specific areas of ports to see where they fit into the port's operation and commercial practice as a whole - Offers an analysis of the many types of ports along with the common essential elements that enable them to function, including administration, management, economics and operations

**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.

*Doing Business in Africa* - Suzanne M. Apitsa 2020-12-01  
This book presents insights from cutting-edge international business and management research relating to Africa. Economic growth and foreign investment in the region remains strong, despite some slowing down in recent years. This trend of economic growth and its impact on international trade and FDI has attracted Western businesses, eager to capitalize on this emerging market. In this context, new relationships and interactions have stimulated business research on Africa. Split into four parts covering the internationalization process, international logistics, trans-border corporate social responsibility and trust in Africa, the book covers a range of emerging trends, academic discussion and evolving issues across the spectrum of business research. It is a valuable read for students, researchers and practitioners interested in doing business in Africa.

**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.

*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.

**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

**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.

**Mariners' Adaptive Performance under Stress** - Athanassiou, Georgios 2016-10-12  
"Mariners' Adaptive Performance under Stress" focuses on the research question of direct and indirect effects of varying conditions of task-integral cognitive and affective demands on adaptive performance of novice bridge operators. The work draws theoretically on contextual models of cognition as well as appraisal theoretical frameworks of affect elicitation and experience. The respective research hypotheses reflect expected individual and team-related adaptive responses at and after the onset of ambiguous trigger events with a prominent affective component when performing a complex ship management task. Adaptive performance was measured by means of behavioural parameters with a relevance to normal and critical operations: Visual behaviour of officers of the watch, Threat and Error Management and Non-Technical Skill performance of bridge crews, and risk-related crew decision-making. Additional surveys were employed for the assessment of the task-related affective states and trigger event appraisals. The results suggest that the observed adaptive performance, especially on the team level, is strongly affected by the co-occurrence of constraining context conditions and the conspicuousness of the affective component of emerging events. Consequently, the work argues for an integrated approach towards combining cognition and affect for modelling human behaviour in dynamic environments. It showcases the need for further research of cognition, affect and their combined effects in the naturalistic context of work in order to comprehend the behaviour of the human element in practice beyond the obscuring veil of hindsight and outcome-based evaluations.