Global Logistics

Intermodal Maritime Security: Supply Chain Risk Mitigation offers every stakeholder involved in international transactions the tools needed to assess the essential risks, threats and vulnerabilities within the global supply chain. The book examines the role intermodal maritime transportation plays in global security, surveying its critical policies, procedures, operations, infrastructure and systems. Linking new technological standards with intermodal operations, this book provides the foundational knowledge readers need, including transportation and maritime trade students, researchers, practitioners and regulatory agencies. Blends academic knowledge with real-world experiences Drawn from subject matter experts in academia, importers and exporters, transportation firms, and trade intermediaries Breadth of multidisciplinary coverage from maritime supply chains, port and maritime operations, as well as cyber and physical security

Transportation, Logistics, and the Law

September 11, 2001 had a profound impact upon individuals, institutions, and governments, but also upon the world of global trade. Years later, the reverberations of this deliberate and focused act of terrorism are manifest in much more stringent logistics, documentary requirements, and regulations. A single source on compliance and security, written from a supply chain manager’s perspective, Managing Global Supply Chains sorts out all the issues and frames a comprehensive strategy for supply chain executives in the post 9/11 world.

Air Transport Security

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 resourcing. 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

Urban Transportation and Logistics

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 a comprehensive and accessible introduction to the field, with a broad overview of its concepts, methods, and areas of application. The accompanying website 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 interested in economic and urban geography, transport planning and engineering.

Management of the Transportation Security Administration's Logistics Center
This new report from the National Research Council's Nuclear and Radiation Studies Board (NRSB) and the Transportation Research Board reviews the risks and technical and societal concerns for the transport of spent nuclear fuel and high-level radioactive waste in the United States. Shipments are expected to increase as the U.S. Department of Energy opens a repository for spent fuel and high-level waste at Yucca Mountain, and the commercial nuclear industry considers constructing a facility in Utah for temporary storage of spent fuel from some of its nuclear waste plants. The report concludes that there are no fundamental technical barriers to the safe transport of spent nuclear fuel and high-level radioactive and the radiological risks of transport are well understood and generally low. However, there are a number of challenges that must be addressed before large-quantity shipping programs can be implemented successfully. Among these are managing “social” risks. The report does not provide an examination of the security of shipments against malevolent acts but recommends that such an examination be carried out.

**Cargo Crime**

Maritime Transport Security offers a multidisciplinary framework and a comparative analysis of maritime transport security policies and practices in several key countries. Policy makers and industry stakeholders have established a set of interna

**Transportation Security Administration Logistics Center**

"Professor Burns has captured the essence of transportation security, one of today's most pressing concerns. As the rate of globalization and world trade increases, security and supply chain resilience are at the core of ones global transportation network. This is a timely and well written contribution to the industry.” John A. Moseley, Senior Dir

**Management of the Transportation Security Administration's Logistics Center, Oig-10-14**

**Container Transport Security Across Modes**

With 80 percent of the world's commodities being transported by water, ports are the pillars of the global economy. Port Management and Operations offers readers the opportunity to enhance their strategic thinking and problem-solving skills, while developing market foresight. It examines global port management practices at the regulatory, commercial, technological, operational, financial, and sociopolitical levels. This powerful sourcebook describes how seaports are being affected by the changes occurring nationally, regionally, and globally. Evaluating the new regulatory framework, it pinpoints the industry's implementation readiness and identifies potential problem areas. The book classifies the spectrum of interrelated port management principles, strategies, and activities in a logical sequence and under four cornerstones/Port Strategy and Structure, Legal and Regulatory Framework, Input: Factors of Production, and Output and Economic Framework. Detailing best practices and the latest industry developments, the book highlights emerging challenges for port managers and identifies opportunities to develop forward-thinking strategies. It examines the effectiveness of current strategies, tactics, tools, and resources of numerous global ports and highlights the necessity of adopting a proactive stance in harmonizing the laws, regulations, and policies pertaining to the maritime, oil, and gas industries. The shipping industry has myriad complexities and this book provides maritime managers and professionals with the wide-ranging and up-to-date understanding required to thrive in today's highly competitive and evolving environment.

**The Dictionary of Transport and Logistics**

Aviation Logistics looks at the function of the air cargo business and its role in global supply chains and logistics. As global economies are constantly evolving, the supply chain business with its transport partners must be proactive for the future. Technology and its resulting efficiency and transparency are therefore a central part of this book. Aviation Logistics examines how carriers are coming up with new methods and technologies to improve ground handling and road transport, traceability systems and barcoding, security and screening, and safe delivery of perishable items (such as in the pharmaceutical and medical sectors). Endorsed by The International Air Cargo Association (TIACA), Aviation Logistics is supplemented with case studies and contributions from a team of experts including Oliver Evans and Stan Wright, both industry experts. Online resources available: Air Cargo News' Freighter Directory.

**Transportation Security Administration Logistics Center**

In this timely work, James Giermanski describes the advent and development of security operations in the global supply chain, outlining the respective contributions of governmental and nongovernmental stakeholders to this worldwide concern. Global Supply Chain Security explores the potential impact of port-related catastrophic events in the United States and their effects worldwide, concentrating, in particular, on the United States contribution to global container security. Offering insights on deficiencies in U.S. policies, Giermanski underscores the vulnerabilities in the supply chain that U.S. government agencies have ignored, avoided, and even denied. Global Supply Chain Security treats both the terrestrial and maritime borders of the United States, reserving for special analysis the threat to the nation's southern border of hazardous materials or materials in transshipment or in-bond, as well as the questionable leadership exhibited by the Department of Homeland Security in its diagnosis and treatment of these threats. Finally, Giermanski covers the important role played by the private sector and the off-the-shelf, innovative products that have been introduced to supply chain management and security.

**Multimodal Transport Security**

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. Adapting 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
Logistics and Transportation Security

The Geography of Transport Systems

Security Aspects of Uni- and Multimodal Hazmat Transportation Systems

Warehouse Management

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 Supply Chain Security

In this clear and observant book, Kenneth Button provides an overview of the economics and political economy of transport security, considering its policy from an economic perspective. His analysis applies micro-economic theory to transport issues, supporting and enhancing the larger framework of our knowledge about personal, industrial, and national security. Button's focus on the economic aspects of transportation security strives to move beyond established technical and legal approaches, working within both the narrower microeconomics of individual and corporate efficiency and the larger trends in economic policy-making. By fitting current security trends into economic analysis, he discusses not only contemporary developments, but also their economic implications and approaches for assessing alternative strategies. This examination of applied economics is a must-read for those looking to gain a broader view of transport security issues. It is a critical resource for those in the security industries as well as those involved in education about transport, security matters, and applied microeconomics.

Managing Energy Security

32-year industry veteran Issa Baluch examines transport logistics innovations in great projects of the past, analyzes the challenges of today's dynamic industry and shares his vision for its possibilities in the future. Transport Logistics first presents ten case studies of historical projects that demanded careful transport logistics management. It surveys a wide variety of projects, some of them successes and some of them failures. The second part of the book examines various aspects of today's dynamic freight logistics industry, including the changing role of the freight forwarder. With the development of IT-based supply chain integration and value-added service offerings, the freight forwarder is being forced to evolve, or else risk extinction. In addition, ensuring cargo security has become an irreversible part of the forwarder's responsibility to customers and other supply chain partners. Finally, an examination of the freight logistics industries of Egypt, China, South Africa, India, and Dubai, United Arab Emirates provides some perspective on the varied environments in which forwarders operate and illuminates the need for trade and transport facilitation as a means to economic growth. In the book's third and final section, Mr. Baluch looks at the future of the transport logistics industry, which will continue to evolve as a result of globalization, the digitalization of information, new technologies, rising energy costs, and changing trade patterns. He also presents railways as the eco-friendly freight solution of the future, especially in the Middle East and Africa. Transport Logistics concludes with an emphasis on the importance of training and the role of national and international associations in developing a culture of quality, security, and innovation in the freight logistics profession.

Cargo Theft, Loss Prevention, and Supply Chain Security

Logistics is a $700 billion industry in the USA and is the second largest employer of college graduates. Logistics costs account for nearly 30% of the sales dollar, and logistics activities are essential to satisfying the ever-changing customer demand in terms of variety and availability. Today the need for cutting edge, sophisticated logistics practices has never been greater. This unique text is squarely focused on the key activities within the functional areas of logistics and transportation, with emphasis placed on the quantitative treatment of the design and planning issues in logistics. In scope, Logistics and Transportation comprehensively covers almost all the elements of the supply chain. Moreover, it includes a number of topics that are generally not covered by most popular logistics texts. These include functional areas such as: vendor selection, inventory models with inventory costs, advanced transportation models, logistics metrics, and latest trends in logistics. The text is primarily designed for use in the classroom by senior undergraduate and graduate-level students. It is also a useful resource for practicing transportation and logistics professionals. Readers will appreciate the references for recommended further reading, related training aids and problem sets given at the end of each chapter, as well as the two comprehensive logistics cases presented at the end of the text.

Logistics and Transportation Security

After the terrorist attacks of 11 September 2001, it became apparent that maritime shipping containers themselves and their links with other modes represent potential security vulnerabilities. This report describes the complex, hybrid container

Transportation Security
Network Design with Applications to Transportation and Logistics

Management of the Transportation Security Administration's Logistics Center.

This interdisciplinary book is written for government and industry professionals who need a comprehensive, accessible guide to modern energy security. Introducing the ten predominant energy types, both renewable and non-renewable, the book illustrates the modern energy landscape from a geopolitical, commercial, economic and technological perspective. Energy is presented as the powerhouse of global economic activities. To ensure the uninterrupted supply of energy, nations, industries and consumers need to have options. Efficient energy security planning ensures that when a primary energy source is depleted, compromised or interrupted, an alternative energy source must be readily available. For this reason, the foundations of energy security are built upon the five pillars of Sustainability, Independence, Efficiency, Affordability and Accessibility. The numerous case studies presented in this book demonstrate that energy security may be compromised in the absence of one out of these five ingredients. The book also entertains the Triple-E notion of Energy Efficiency, Environmental integrity and Economies of scale, used by governments and corporations for energy optimization. One of the key strengths of the book is its ability effectively to cover various scientific disciplines, and several energy types, while remaining comprehensible. This book will be of much interest to security or logistics professionals, economists and engineers, as well as policymakers.

Port Management and Operations

A practical, global-centric view of how to make the worldwide supply chain safer, more resilient, and efficient. * Comprises 24 chapters combining original, cutting-edge research and insight * Includes the work of 35 expert contributors, representing 18 countries * Presents 40 photos and illustrations depicting supply chain threats and security measures * Offers a comprehensive index

Warehousing and Transportation Logistics

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Viable, value-creating solutions for securing global transportation networks Securing Global Transportation Networks demonstrates how improved security processes can create value across all the business functions throughout an entire value chain. Readers will learn a whole new security management philosophy, as explained through domestic and international examples and case studies ranging from major retailers such as Home Depot to shipping giants such as Maersk and FedEx. This book also looks ahead to future developments and 'best practices' for the future. If you're charged with making or evaluating transportation security decisions, you'll find the tools you need to succeed -- and prosper -- with the Total Security Management approach. Explains globalization's impact on transportation networks Creates a framework for realizing a return on security investments by integrating it as a core business process Details how transportation firms, investors, and insurance companies can measure and reward smart security practices that protect a firm's fixed assets, assets in transit, brand equity and goodwill, and human capital INSIDE: Global Trade and Total Security Management The Total Security Management Framework Creating Value: The Case for TSM The Risk Management Approach to TSM Securing Fixed Assets Securing Assets in Transit Securing Brand Equity and Goodwill Securing Human Capital TSM and Business Continuity Planning The End of the Beginning Excellent book, written by three veterans of the industry and featuring a foreword by Tom Ridge, the first Secretary of Homeland Security the authors develop in the book the concept of Total Security Management, and use compelling case studies to illustrate their point that a secure business is a successful business. The book further demonstrates the financial benefits of investing in security, and also how to protect physical corporate assets, whether they be fixed or goods in transit this book is a must for anyone working in or around global transportation industries. -- Reviewer: Rob Ballister--Military Writers Society of America Board Member, 9/24/08

Logistics and Transportation

Written in a clear language, for use by scholars, managers and decisionmakers, this practical guide to the hot topic is unique in treating the security aspects of hazmat transportation from both uni-modal and multi-modal perspectives. To begin with, each transport mode and its relation to security vulnerability, analyses, figures, and approaches is discussed separately. Second, the optimization process of a hazmat supply chain is examined from a holistic, integrated viewpoint. Finally, the book discusses and compares the various hazmat transport security policies and strategies adopted in various regions around the world. The result is a must-have source of high-quality information including many case studies.

Transport Logistics

This book explores the methodological and application developments of network design in transportation and logistics. It identifies trends, challenges and research perspectives in network design for these areas. Network design is a major class of problems in operations research where network flow, combinatorial and mixed integer optimization meet. The analysis and planning of transportation and logistics systems continues to be one of the most important application areas of operations research. Networks provide the natural way of depicting such systems, so the optimal design and operation of networks is the main methodological area of operations research that is used for the analysis and planning of these systems. This book defines the current state of the art in the general area of network design, and then turns to its applications to transportation and logistics. New research challenges are addressed. Network Design with Applications to Transportation and Logistics is divided into three parts. Part I examines basic design problems including fixed-cost network design and parallel algorithms. After addressing the basics, Part II focuses on more advanced models. Chapters cover topics such as multi-facility network design, flow-constrained network design, and robust network design. Finally Part III is dedicated entirely to the potential application areas for network design. These areas range from rail networks, to city logistics, to energy transport. All of the chapters are written by leading researchers in the field, which should appeal to analysts and planners.

Maritime Transport Security

Management of the Transportation Security Administration's Logistics Center, OIG-10-14
Introduction to Transportation Security

The growing number of terrorist attacks throughout the world continues to turn the interest of scholars and governments towards security issues. As part of the Comparative Perspectives on Transportation Security series, this book provides a multidisciplinary analysis of the security challenges confronting air transportation. The first part encompasses the industry’s characteristics and the policy, economic and regulatory issues shaping the security environment. The second provides a comparative analysis of security policies and practices in several key countries.

Disrupting Logistics

Intermodal Maritime Security

Cargo crime—including theft, fraud, and the passage of contraband through commercial shipping lanes—poses an enormous threat to security and the economy. By understanding the current methods and operations of those who attack the supply chain, industry professionals can design effective security plans and law enforcement can properly investigate these crimes. Cargo Crime: Security and Theft Prevention is drawn from the author's personal experiences as a law enforcement detective and supervisor and as a regional security manager for a large multimode transportation and logistics company. The book reviews emerging trends, identifies criminal tactics, discusses law enforcement response to cargo theft, and presents best practices to help businesses avoid victimization by cargo thieves. Topics include: The various modes of freight transportation and the differences in cargo crime activity in each mode; Methods of operation by organized crime syndicates and narcotic smugglers; The effective use of public and private information-sharing partnerships to thwart criminal activities; Known profiles consistent in over 90 percent of contraband shipments; Cargo crime is a critical concern of freight transportation operators, manufacturers, shippers, insurers, law enforcement, and consumers. This book arms professionals charged with protecting the supply chain with essential information that can help them investigate and uncover criminal activity and develop a first class cargo security program.

Logistics Transportation Systems

This book offers complete coverage of logistics, examining modes, general issues, logistics in specific regions, free-trade zones, innovations in international logistics, case studies and a look at the future.

Aviation Logistics

This book presents trends, developments, and examples of how digital disruption is currently reshaping the logistics industry. Logistics is the invisible force behind the global economy, influencing and providing a lens into all economic activities. Chapters written by respected experts in the field describe how new technologies such as autonomous vehicles, blockchain, Internet of things (IoT), and state-of-the-art freight management solutions are fundamentally changing supply chain solutions. Special emphasis is placed on promising start-ups and venture capital firms around the world that are now investing in the future of logistics.

Securing Global Transportation Networks

Although society has become increasingly dependent on the timely operation of logistics systems, we still face many problems regarding efficiency, the environment, energy consumption, and safety in urban transport and logistics under normal cases and in disasters. As such, understanding how to address these challenges has become essential for creating better urban planning and policy implementation. Presenting the best practices of leading experts from around the world, Urban Transportation and Logistics: Health, Safety, and Security Concerns provides cutting-edge concepts and a vision for urban transport and logistics relating to human security. Its comprehensive coverage supplies the foundation for examining transport and logistics systems in urban areas from the viewpoint of safety and security considerations on human life. Topics covered include: Hazardous material transport; Healthy transport; Road safety; Network design for freight transport and supply chain; Transport and logistics in Asian cities; Vehicle routing and scheduling with uncertainty; Urban transport and logistics in natural disasters; Future perspectives on urban freight transport. The book addresses Information and Communication Technologies (ICT) and Intelligent Transport System (ITS) applications within urban logistics. It considers supply chains, road safety in hazardous material transport, and logistics and transport design in mixed traffic areas. It also introduces the notion of the megalopolis and the need for improved planning relative to human usage, freight transportation, and city logistic planning. This book provides numerous examples and case studies of real-world scenarios from around the world, making it useful for both practitioners and researchers involved in urban transport and logistics planning.

Going the Distance?

Insecure transportation systems are costing our worldwide mobility-based economy as much as 6% of GDP annually. The effectiveness of security measures vary widely. In the United States, depending on the mode of transportation, it ranges from medium effectiveness for airports to low effectiveness for maritime, rail, transit, and intermodal activities. Situational awareness and interoperability are lacking as we try to deal with both natural and man-made disasters. Regardless of the transport mode, improvements are essential if governments and corporations are to address security planning, response, and national preparedness. Transportation Security examines this problem in a comprehensive manner and addresses security-based technologies and solutions to minimize risk. * Covers air, sea, roadway, rail and public transport modes * Offers technological solutions for mobility based problems in planning, logistics and policy to improve security, combat terrorism and ensure national preparedness * Includes work of international experts & global examples related to transportation security

Transportation Security Administration Logistics Center :
Warehouses are an integral link in the modern supply chain, ensuring that the correct product is delivered in the right quantity, in good condition, at the required time, and at minimal cost: in effect, the perfect order. The effective management of warehouses is vital in minimizing costs and ensuring the efficient operation of any supply chain. Warehouse Management is a complete guide to best practice in warehouse operations. Covering everything from the latest technological advances to current environmental issues, this book provides an indispensable companion to the modern warehouse. Supported by case studies, the text considers many aspects of warehouse management, including: cost reduction productivity people management warehouse operations With helpful tools, hints and up-to-date information, Warehouse Management provides an invaluable resource for anyone looking to reduce costs and boost productivity.

Supply Chain Security

Transportation is the lifeline of any nation, connecting people, supporting the economy, and facilitating the delivery of vital goods and services. The 9/11 attacks and other attacks on surface transportation assets, including the bombings in Madrid, London, Moscow, and Mumbai, demonstrate the vulnerability of the open systems to disruption and the consequences of the attacks on people, property, and the economy. Now more than ever, it has become imperative for businesses operating in the transportation and transit sectors to develop comprehensive security programs accounting for both natural and man-made hazards and safeguarding people, places, and equipment while at the same time ensuring operations continuity. Providing transportation managers with the knowledge, skills, and abilities to effectively manage the security of transportation assets, Introduction to Transportation Security examines: Basic theories of security and emergency management The integrated nature of the nation's critical infrastructure and the threats to transportation in each surface mode Federal agencies working in emergency management and transportation security and their intelligence and response requirements and capabilities The types of disasters that have occurred in the U.S. and selected nations, and their significant economic impacts Cost-beneficial security strategies aimed at preventing catastrophic failures in each transportation mode Effective methods for organizing, testing, and evaluating transportation security across modes and professions The book covers all transportation modes and their interconnectivity (including highway, air cargo, freight and passenger rail, transit, and maritime). It presents learning objectives and discussion questions to test assimilation of the material and case studies to facilitate a practical understanding of the concepts. Introduction to Transportation Security provides essential information for students in transportation management programs and professionals charged with safeguarding the movement of assets within our interconnected transportation network.

Managing Global Supply Chains

Contains over 3,000 terms and abbreviations.

Supply Chain Security

The supply chain is a complex system of numerous, integrated stakeholders. These stakeholders are responsible for the transportation, storage, documentation, and handling of material goods and cargo. Each entity has its own unique relationship with and role within the chain as well as its own unique security requirements. The challenge of trying to secure the supply chain at every level is both a domestic and global concern. In this global economy, companies must be able to integrate security into supply chain logistics to protect their employees, assets, and clients from incidents of theft and other damaging events. Supply Chain Security: A Comprehensive Approach provides security professionals the tools necessary to ensure supply chain security. The book demonstrates how to establish and enforce security policies and protocols, including rapid responses that must be deployed in the event of a theft or security incident. Most importantly, it enables professionals to integrate business practices into the planning, development, and successful operation of supply chains to ensure security and protect assets. Drawn from the experience of a recognized leader in domestic and international supply chain logistics, trade, and transportation security, the book illustrates a series of case studies how security professionals can institute sound security practices. By demonstrating to their stakeholders and potential customers that they provide a secure environment for materials, products, goods, and cargo, companies can increase their customer base and improve their bottom line.

The Economics and Political Economy of Transportation Security

Warehousing and Transportation Logistics examines professional transport and warehousing logistics, and offers an overview of all logistics functions for the area of internal business logistics, so-called intra-logistics, with a particular focus on transport, warehousing and assembly logistics. It includes interfaces such as unit creation, material flow or goods storage as well as systems and management for planning or information to identify objects, control and processing of orders. This book does not just contain specialist knowledge for students of technical subjects, but it also serves as a practice-oriented book for the planning of bachelor and master degree theses, with a multitude of useful information and ideas. It is also a workbook for professional practitioners, production, planning and industrial engineers, who are specifically concerned with the planning side of this specialist area. Warehousing and Transport Logistics covers transportation, information systems, procurement, finance, performance metrics as well as warehousing and distribution. There are more than 200 examples with solutions outlining the disadvantages of depending, and about 250 questions to encourage independent learning.

Sustainable Logistics and Strategic Transportation Planning

Cargo Theft, Loss Prevention, and Supply Chain Security outlines steps for identifying the weakest links in the supply chain and customizing a security program to help you prevent thefts and recover losses. Written by one of the world's leading experts in cargo theft analysis, risk assessment and supply chain security, this is the most comprehensive book available on the topic of cargo theft and loss prevention. Part history of cargo theft, part analysis and part how-to guide, the book is the one source supply chain professionals and students can turn to in order to understand every facet of cargo theft and take steps to prevent losses. This groundbreaking book contains methods of predictive cargo theft modeling, allowing proactive professionals to develop prevention solutions at every step along the supply chain. It provides a complete methodology for use in creating your own customized supply chain security program as well as an-depth analysis of commonly encountered supply chain security problems. It also supplies a massive amount of credible cargo theft statistics and provides solutions and best practices to supply chain professionals who must determine their company's risk and mitigate their losses by adopting customizable security programs. Furthermore, it presents cutting-edge techniques that industry professionals can use to prevent losses and keep their cargo secure at every stage along the supply chain. This book will be of interest to manufacturing, logistics and security professionals including chief security officers, VPs of logistics or supply chain operations, and transportation managers, as well as professionals in any company that manufactures, ships, transports, stores, distributes, secures or is otherwise responsible for bulk product and cargo. Outlines steps you can take to identify the weakest links in the supply chain and customize a security program to help you prevent thefts and recover losses. Offers detailed explanations of downstream costs in a way that makes sense - including efficiency losses, customer dissatisfaction, product recalls and more - that dramatically inflate the impact of cargo theft incidents. Provides a complete methodology for use in creating your own customized supply chain security program as well as an-depth analysis of commonly encountered supply chain security problems.