

Global Logistics And Supply Chain Management 2nd Edition

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Sustainable Logistics and Supply Chain Management (Revised Edition) David B. Grant 2015-03-03 Sustainable Logistics and Supply Chain Management is the essential guide to the principles and practices of sustainable logistics operations and the responsible management of the entire supply chain. Based on extensive research by experts in the field, this comprehensive book covers the whole scope of sustainable logistics. The book provides carefully reviewed research-led applications and case studies that have been especially developed for this revised edition with particular attention for use in a teaching context. The mini case studies are highly topical, relating the theoretical concepts to practice and what is actually happening 'on the ground'. Examining the subject in an integrated manner, this book examines all the key areas in sustainable logistics and supply chain management, including: sustainable product design and packaging; sustainable purchasing and procurement; cleaner production; environmental impact of freight transport; sustainable warehousing and storage; sustainable supply management; reverse logistics and recycling; supply chain management strategy, and much more. The book provides an excellent insight into the topic that will help managers, students, and scholars grasp the fundamentals of green supply and logistics management. This revised edition of Sustainable Logistics and Supply Chain Management includes valuable supporting online materials, including PPT presentations, chapter summaries, learning objectives, tips for teaching and in class activities.

Supply Chain Risk Management Donald Waters 2011-10-03 Vulnerability to sudden supply chain disruption is one of the major threats facing companies today. The challenge for businesses today is to mitigate this risk through creating resilient supply chains. Addressing this need, Supply Chain Risk Management guides you through the whole risk management process from start to finish. Using jargon-free language, this accessible book covers the fundamentals of managing risk in supply chains. From identifying the risks to developing and implementing a risk management strategy, this essential text covers everything you need to know about this critical topic. It assesses the growing impact of risk on supply chains, how to plan for and manage disruptions and disasters, and how to mitigate their effects. It examines a whole range of risks to supply chains, from traffic congestion to major environmental disasters. Highly practical, Supply Chain Risk Management provides a range of useful tables, diagrams and tools and is interspersed with real life case study examples from leading companies, including Nokia, IBM, and BP. The 2nd edition has been completely revised with brand new case studies on the Chilean Mining Disaster and BP oil spill.

Regional and Global Logistics and Supply Chain Management University of the Thai Chamber of Commerce. School of Engineering 2007

Logistics Management Sople, Vinod V. Logistics has advanced from the warehousing and transportation to boardrooms of the successful leading companies across the world. Logistic capabilities supplement the supply chain operation. It plays an important role in both organizational strategy and Principles of Supply Chain Management, Second Edition Richard E. Crandall 2014-12-11 The second edition of this popular textbook presents a balanced overview of the principles of supply chain management. Going beyond the usual supply chain text, Principles of Supply Chain Management not only details the individual components of the supply chain, but also illustrates how the pieces must come together. To show the logic behind why supply chain

management is essential, the text examines how supply chains are evolving, looks ahead to new developments, and provides a balanced look at supply chains with a focus on both the customer side and the supplier side of supply chains. See What's New in the Second Edition: Expanded coverage of current topics such as e-commerce, risk management, outsourcing and reshoring, sustainability, project management, and data analytics Increased emphasis on how customers are becoming more influential in steering product design Additional coverage of the use of data analytics to evaluate customer preferences and buying patterns A new chapter devoted to logistics and its increasing importance in supply chains Company profiles of organizations with effective supply chains that illustrate the main theme of each chapter A "Hot Topic" for each chapter, providing a description of a critical management issue to stimulate class discussion A complete set of instructor materials for each chapter, including presentation slides, test banks, class exercises, discussion questions, and more From the point of distribution to the final customer, all the way back to the point of origin at the mine or farm, the text provides examples and case histories that illustrate a proven approach for achieving effective supply chain integration. This self-contained resource provides readers with a realistic appraisal of the state of the art in supply chain management and the understanding needed to build and manage effective supply chains in a wide range of industries. Most importantly, it emphasizes the need for building and maintaining collaboration among all members of the supply chain.

Handbook of Global Supply Chain Management John T. Mentzer 2007 This state-of-the-art Handbook provides a comprehensive understanding and assessment of the field of global supply chain management (GSCM). Editors John T. Mentzer, Matthew B. Myers, and Theodore P. Stank bring together a distinguished group of contributors to describe and critically examine the key perspectives guiding GSCM, taking stock of what we know (and do not know) about them.

Logistics and Supply Chain Management ePub eBook Martin Christopher 2013-07-25 Effective development and management of a supply chain network is an invaluable source of sustainable advantage in today's turbulent global marketplace, where demand is difficult to predict and supply chains need to be more flexible as a result. This updated 4th edition of the bestselling Logistics and Supply Chain Management is a clear-headed guide to all the key topics in an integrated approach to supply chains, including: • The link between logistics and customer value. • Logistics and the bottom line measuring costs and performance. • Creating a responsive supply chain. • Managing the global pipeline. • Managing supply chain relationships. • Managing risk in the supply chain. • Matching supply and demand. • Creating a sustainable supply chain. • Product design in the supply chain.

Supply Chain Management Donald Waters 2019-02-12 A broad general introduction to all essential aspects of logistics and supply chain management, set within the wider business context. The book uses well-developed pedagogy and numerous case studies, guiding the reader through the subject by retaining a strong focus on the application of theory and practical situations. **Logistics 4.0** Turan Paksoy 2020-12-18 Industrial revolutions have impacted both, manufacturing and service. From the steam engine to digital automated production, the industrial revolutions have conducted significant changes in operations and supply chain management (SCM) processes. Swift changes in manufacturing and service systems have led to phenomenal improvements in

productivity. The fast-paced environment brings new challenges and opportunities for the companies that are associated with the adaptation to the new concepts such as Internet of Things (IoT) and Cyber Physical Systems, artificial intelligence (AI), robotics, cyber security, data analytics, block chain and cloud technology. These emerging technologies facilitated and expedited the birth of Logistics 4.0. Industrial Revolution 4.0 initiatives in SCM has attracted stakeholders' attentions due to its ability to empower using a set of technologies together that helps to execute more efficient production and distribution systems. This initiative has been called Logistics 4.0 of the fourth Industrial Revolution in SCM due to its high potential. Connecting entities, machines, physical items and enterprise resources to each other by using sensors, devices and the internet along the supply chains are the main attributes of Logistics 4.0. IoT enables customers to make more suitable and valuable decisions due to the data-driven structure of the Industry 4.0 paradigm. Besides that, the system's ability of gathering and analyzing information about the environment at any given time and adapting itself to the rapid changes add significant value to the SCM processes. In this peer-reviewed book, experts from all over the world, in the field present a conceptual framework for Logistics 4.0 and provide examples for usage of Industry 4.0 tools in SCM. This book is a work that will be beneficial for both practitioners and students and academicians, as it covers the theoretical framework, on the one hand, and includes examples of practice and real world.

Global Logistics Donald Waters 2014-09-03 The field of logistics continues to develop at a remarkable pace. Until recently, logistics was barely considered in long-term plans, but its strategic role is now recognised and lies at the heart of long-term plans in almost every business. Reasons for this change include: communications and information technology offer new opportunities; world trade grows; competition forces operations to adopt new practices and become evermore efficient; and the concern for the environment increases. Add to this the increased emphasis on consumer satisfaction, flexible operations and time compression, and it's clear that getting logistics right is important. This 7th edition of *Global Logistics*, edited by Stephen Rinsler and Donald Waters, has been thoroughly revised and updated to reflect the latest trends, best practices, and cutting-edge thinking on global logistics. It provides guidance on important topics, including agile supply chains, IT, sustainability and performance management, collaboration, outsourcing and humanitarian logistics. This edition of *Global Logistics* provides new chapters on supply chain trends and strategies, fulfilling customer needs, and supply chain vulnerability. There are also dedicated new chapters on China and Central and Eastern Europe to assess developments across the globe. This edition serves as a forum for acknowledged sector specialists to discuss key logistics issues and share their authoritative views. The new edition introduces new contributors, including leading thinkers from international universities and businesses. *Global Logistics* is an invaluable source of guidance and practical advice for students, managers and practitioners, who will find it an essential text that also includes online resources. Online resources available include a student manual with key learning outcomes for each chapter.

Global Supply Chain and Operations Management Dmitry Ivanov 2016-07-20 This textbook presents global supply chain and operations management from a comprehensive perspective, combining value creation networks and interacting processes. It focuses on the operational roles in the networks and presents the quantitative and organizational methods needed to plan and control the material, information and financial flows in the supply chain. Each chapter of the book starts with an introductory case study. Numerous examples from various industries and services help to illustrate the key concepts. The book explains how to design operations and supply networks and how to incorporate suppliers and customers. As matching supply and demand is a core aspect of tactical planning, the book focuses on it before turning to the allocation of resources for fulfilling customer demands. Providing readers with a working knowledge of global supply chain and operations management, this textbook can be used in core, special and advanced classes. Therefore, the book targets a broad range of students and professionals involved with supply chain and operations management. Special

focus is directed at bridging theory and practice.

Technology in Supply Chain Management and Logistics Anthony M. Pagano 2019-09-07 *Technology in Supply Chain Management and Logistics: Current Practice and Future Applications* analyzes the implications of these technologies in a variety of supply chain settings, including block chain, Internet of Things (IoT), inventory optimization, and medical supply chain. This book outlines how technologies are being utilized for product planning, materials management and inventory, transportation and distribution, workflow, maintenance, the environment, and in health and safety. Readers will gain a better understanding of the implications of these technologies with respect to value creation, operational effectiveness, investment level, technical migration and general industry acceptance. In addition, the book features case studies, providing a real-world look at supply chain technology implementations, their necessary training requirements, and how these new technologies integrate with existing business technologies. Identifies emerging supply chain technologies and trends in technology acceptance and utilization levels across various industry sectors Assists professionals with technology investment decisions, procurement, best values, and how they can be utilized for logistics operations Features videos showing technology application, including optimization software, cloud computing, mobility, 3D printing, autonomous vehicles, drones and machine learning

Global Supply Chain Management and International Logistics Alan E. Branch 2008-12-19 The development of international trade is driven by international logistics and management and the provision of the global supply chain. The ultimate objective of global supply chain management is to link the market place, distribution network, manufacturing/processing/assembly process, and procurement activity in such a way that customers are serviced at a higher level yet lower cost. Overall this has introduced a new breed of management in a computer literate environment operating in a global infrastructure. Addressing this complex topic, Alan Branch's new book fulfills two clear objectives: to provide a concise, standard work on the subject, written in lucid language that embraces all the ingredients of a notoriously complex subject with a strategic focus to extol best practices and focus on all areas of the industrial and consumer sectors and their interface with changing international market needs. Until now, no book dedicated to international logistics and supply chain management was available. Practically-oriented, this book features numerous case studies and diagrams from logistic operators. An ideal resource for management students, academics and managers who need a succinct treatment of global operations, Branch's book skillfully illustrates his ideas in practice. It is a book which should be on the shelf of every practitioner and student of the subject. Also available from Routledge: *Elements of Shipping*, Eighth Edition, Alan E. Branch. (978-0-415-36286-3) *Maritime Economics: Management and Marketing*, Alan E. Branch. (978-0-748-73986-8)

International Logistics: Global Supply Chain Management Douglas Long 2003-08-31 Students of logistics, transportation, and supply chain management, as well as international managers will find this text an essential reference for understanding how cargo is moved around the world.

Finance and Risk Management for International Logistics and the Supply Chain Stephen Gong 2018-08-23 *Finance and Risk Management for International Logistics and the Supply Chain* presents a detailed overview of financial and risk management tools, activity-based costing, and multi-criteria decision-making, providing comprehensive guidance for those researching and working in logistics and supply chain management. The book breaks new ground, combining the expertise of leading authorities to analyze and navigate the funding components for these critical transportation functions. As the international logistics and supply chain transportation fields have recently received heavy investments, this research and the theory behind it provide a timely update on risk management, finance and legal and environmental impacts. Users will find sections that address the wide-ranging issues related to this emerging field that are presented from an international and holistic perspective. Provides a valuable reference covering the full slate of financial issues of interest to global players in the international transport, logistics and supply chain industries Covers a truly international perspective, addressing a

diverse variety of worldwide transport, logistics and supply chain contexts Features finance and risk-management strategies related to the banking industry, exchange rates, fuel prices, climate-related funding, freight derivatives and legal aspects

Global Logistics Management Kent Gourdin 2006-02-10 This second edition of Global Logistics Management has been thoroughly revised and updated, and new examples have been added reflecting recent developments in the field. This new edition: Helps readers to understand and appreciate the power of managing logistics for profit and competitive advantage Educates readers about the nature of individual logistics activities and how they can be woven together Contains a global focus throughout, with examples drawn from various parts of the world Has been thoroughly revised and updated throughout to keep it current Now includes new examples reflecting recent developments and current preoccupations, including security and global instability. Visit the accompanying website at www.blackwellpublishing.com/gourdin to download PowerPoint slides to supplement the book.

Global Cases in Logistics and Supply Chain Management David H. Taylor 1997 As industrial activity becomes ever more global, corporations have come to recognize the key role of the supply chain and their distribution networks. This text covers a range of topics related to this issue including logistics, purchasing, transport, marketing, and strategy implementation.

Global Logistics and Supply Chain Management John Mangan 2020-12-07 Global Logistics and Supply Chain Management is a comprehensive, fully up-to-date introduction to the subject. Addressing both practical and strategic perspectives, this revised and updated fourth edition offers readers a balanced and integrated presentation of Logistics and Supply Chain Management (LSCM) concepts, practices, technologies, and applications. Contributions from experts in specific areas of LSCM provide readers with real-world insights on supply chain relationships, transport security, inventory management, supply chain designs, the challenges inherent to globalization and international trade, and more. The text examines how information, materials, products, and services flow across the public and private sectors and around the world. Detailed case studies highlight LSCM practices and strategies in a wide range of contexts, from humanitarian aid and pharmaceutical supply chains to semi-automated distribution centers and port and air cargo logistics. Examples of LSCM in global corporations such as Dell Computer and Jaguar Land Rover highlight the role of new and emerging technologies. This edition features new and expanded discussion of contemporary topics including sustainability, supply chain vulnerability, and reverse logistics, and places greater emphasis on operations management.

Introduction to Global Logistics John Manners-Bell 2016-11-03 Introduction to Global Logistics offers a step-by-step guide to global logistics. Covering the breadth of logistics, this highly accessible text is illustrated by engaging case studies of market leaders. In this comprehensive second instalment of Global Logistics Strategies, John Manners-Bell provides an in-depth definition, description and exploration of the strategic principles and practices in transportation modes and supply chain verticals, including: freight forwarding, contract logistics, shipping, road freight, air cargo and express. The book also examines major sectors, including automotive, chemical, pharmaceutical, retail, consumer, and high tech. Introduction to Global Logistics offers a detailed examination of key topics, including: how the logistics industry has developed, how it is influenced by macro-economic factors and demand-side trends, what the risks are to the industry, and how it will develop over the coming years. It examines important trends and developments that are shaping the industry, including 3D printing, megacities, and post-harvest food losses. Online resources available: Chapter-supporting lecturer slides.

Fundamentals of Logistics Management: Logistics and supply chain management; 2. Customer service; 3. Logistics information systems and technology; 4. Purchasing and procurement; 5. Inventory concepts and management; 6. Materials management; 7. Transportation; 8. Warehousing; 9. Materials handling, packaging and reverse logistics; 10. Organizing for effective logistics; 11. Logistics financial performance; 12. Global logistics; 13.

Logistics strategy David B. Grant 2006 "Fundamentals of Logistics Management" (European edition) offers students a fresh perspective on the evolving factors that make logistics critical for business success. With a marketing approach to logistics that prioritizes customer satisfaction, the text includes all the relevant theory and uses case studies from a variety of industries to illustrate effective logistics strategies. The book covers global logistics, while also focusing on logistics issues unique to Europe. Core logistics concepts are introduced in an accessible and practical format, making this an essential text for anyone studying logistics for the first time

Strategic Supply Chain Management: The Five Core Disciplines for Top Performance, Second Edition Shoshanah Cohen 2013-05-24 The classic guide to supply chain strategy--re-created to help business leaders gain an advantage in today's volatile, globalized arena The definitive guide to supply chains that deliver value The global landscape has changed dramatically since the first edition of Strategic Supply Chain Management established itself as the authority on creating value and achieving competitive advantage from the supply chain. Shorter economic cycles, more-frequent natural disasters, higher costs in low-cost countries, more-restricted access to working capital, and greater focus on sustainability have made effective supply chain management much more challenging--and much more critical to the bottom line. This second edition is your answer to gaining a strategic advantage in the face of these challenges. Drawing on dozens of new company examples as well as cutting-edge benchmarking research, it shows you how to make your supply chains more agile, flexible, and resilient. With 80 easy-to-read tables and diagrams, this fully revised book explains how to: Develop a supply chain strategy that will help you realize your business goals Design a process architecture that maps out the activities of the end-to-end supply chain Create the most effective supply chain organization Build the most beneficial relationships with your supply chain partners Use metrics to assess and drive business success Implement transformational change See how today's best supply chain strategies work in all-new profiles of BASF, Essilor, Haier, Kaiser Permanente, Lenovo, and Schlumberger. Find out what these industry leaders are doing to get the greatest value out of their supply chains. When value depends on how well you deliver, you need Strategic Supply Chain Management, Second Edition. PRAISE FOR STRATEGIC SUPPLY CHAIN MANAGEMENT: "This book shows convincingly that a robust supply chain strategy is critical for business success in today's uncertain economic environment. Cohen and Roussel explain not only what makes for a good supply chain strategy but also how to put that strategy into practice." -- Jim Miller, VP, Worldwide Operations, Google "Strategic Supply Chain Management loudly and clearly makes the case that successful companies' supply chain strategies are closely aligned with their competitive differentiation and operating models. The book uses in-depth examples that bring these concepts to life and demonstrate that one size doesn't fit all. Anyone who thinks operations is just another corporate function needs to read this book." -- Manish Bhatia, SVP, Worldwide Operations, SanDisk "The advent of global marketplaces, heightened competition, accelerated pace of product innovation, and fast-changing customer preferences have increased the impact of the supply chain on company profitability and long-term success. But cultural challenges to successful supply chain design remain. Cohen and Roussel's book provides a platform for addressing these challenges and is recommended reading for chief executives, strategy professionals, and supply chain practitioners." -- Martin Roper, Chief Executive Officer and President, Boston Beer "The authors present a straightforward path for developing and deploying a global supply chain strategy that addresses the priorities of today's executive management teams." -- Hau Lee, Thoma Professor of Operations, Information and Technology, Stanford Graduate School of Business "Strategic Supply Chain Management, Second Edition, is an important resource for executives who are trying to take their supply chain performance to the next level. Given the enormous challenges of the current business environment, it's 'must' reading." -- Joe Francis, Executive Director, Supply Chain Council "Following on from their ground-breaking first edition, the authors provide further evidence of the critical role of supply chain management in creating competitive advantage. Managers facing the

challenge of coping with increasing levels of complexity in global supply chains will find valuable guidance in this in this revised work.” -- Martin Christopher, Emeritus Professor of Marketing & Logistics, Cranfield School of Business, Cranfield University “This is not another one of those books that are heavy on theory but light on practical advice. Filled with examples of companies from a wide range of industries and geographical regions, it provides guidance that is clear and easy to understand.” -- Greg Clapp, SVP, Operations, Fujitsu “Concise and cogent, *Strategic Supply Chain Management*, Second Edition, lays out the key components for top supply chain performance and backs up these insights with new benchmarking research. Managers across the organization will find answers to their supply chain questions here.” -- Paul Bischler, Vice President and Controller, Burlington Northern Santa Fe Railway

Global Logistics James H. Bookbinder 2012-06-30 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.

Supply Chain Risk John Manners-Bell 2014-04-03 Risk is at the very core of supply chain theory and is at the heart of every decision-making process. Supply chain risk is now becoming everyone's responsibility and over the last two years has become more important than ever, making its presence on the boardroom agenda of most big companies. *Supply Chain Risk* assesses the various sources of external threat to the supply chain and how multinational corporations should be dealing with them at a strategic level. In this book John Manners-Bell clearly shows how to implement risk strategies that minimize, even completely eliminate, supply chain risk, and outlines how to build resilient supply chains. *Supply Chain Risk* includes case studies of best practice and cites examples of when and how things go wrong. Each case study describes the company's supply chain strategy and production/sourcing strategy, outlines the catastrophic event which occurred, including the supply chain consequences and material losses, the management response, and resultant changes to company supply chain strategy. The book is accompanied by invaluable downloadable online resources, including a survey on companies' attitudes to supply chain risk. *Supply Chain Risk* has won the ACA-Bruel Special Mention prize for its contribution to the development of leading new concepts and methods in purchasing and supply chain. The prize is organised by the Association of Purchasing and Supply Chain (CESA) of HEC School of Management in Paris. Highly accessible with real practical application, *Supply Chain Risk* is for supply chain managers and anyone interfacing with the supply chain.

Supply Chain Strategy, Second Edition: Unleash the Power of Business Integration to Maximize Financial, Service, and Operations Performance

Edward H. Frazelle 2017-10-27 The industry standard in supply chain management—fully revised and updated to provide today's logistics solutions. The proven pillars of success in logistics and supply chain management introduced in the first edition of *Supply Chain Strategy* now guide the supply chains of many of the world's most successful organizations, including 3M, Abbott, BP, Coca-Cola, Disney, Hallmark, Honda, Mitsubishi, Oxxo-FEMSA, Payless, P&G, Pratt & Whitney, Wal-Mart, Rio Tinto, and many others. This Second Edition features up-to-date case studies showing how those companies and more meet supply chain goals and helps you overcome your own challenges with the latest supply chain innovations, including big-data analytics, supply chain command and control centers, large-scale supply chain optimization, integrated supply chain planning, real-time global supply chain visibility, omni-channel logistics, re-shoring, global-sourcing optimization, cloud-based supply chain management, supply chain finance, global trade management, and fourth-party logistics.

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.

Global Logistics For Dummies SOLE - The International Society of Logistics 2017-12-11 Your one-stop reference for entering the global logistics environment. *Global Logistics for Dummies* is an operational-level reference and overview for those manufacturers, businesses, product distributors, providers of logistics services, humanitarian and disaster relief responders and logisticians on both ends of a global chain who are considering entry in or have recently embarked on entering the global logistics chain/market. Easy to follow and packed with tons of helpful information, it serves as a springboard to larger texts for more detailed information. Beginning with an introduction to both the “whats” and “whys” of global logistics, the book sheds light on how global logistics demands the involvement of not only all elements of the logistics enterprise – e.g., design, logistics engineering, supply, storage/distribution, maintenance, transportation, returns/re-manufacturing, etc. – but also all elements of the business enterprise. In no time, it'll get you up to speed on the whole-enterprise logistics elements that should be considered in the decision to enter and excel in providing logistics end-items, goods, and services to a global customer. Deliver global disaster and relief logistics support. Explore global manufacturing and distribution logistics. Provide logistics services for foreign customers. Adapt domestic logistics to foreign operating environments. Written by a team of SOLE – The International Society of Logistics credentialed practitioners and academicians, *Global Logistics for Dummies* makes it easier than ever to succeed in this ever-growing field.

Logistics & Supply Chain Management Martin Christopher 2016-03-24 The UK's bestselling book on logistics and supply chain management – over 100,000 copies sold. Effective development and management of supply chain networks helps businesses cut costs and enhance customer value. This updated 5th edition is a clear guide to all the key topics in an integrated approach to supply chains. As well as new and updated examples and case studies, there are two new chapters: *Routes to Market*: Many companies now have to manage multiple distribution channels - this chapter covers strategic issues on how companies “go to market” along with the cost implications of using alternative channels. *Service Logistics*: As companies begin to sell performance rather than physical product, this chapter explores the implications for logistics management as the need to provide higher levels of service and customer support becomes ever more critical.

Handbook of Logistics and Supply-Chain Management Brewer Ann M. 2001 This volume contains commissioned refereed papers that cover the main elements of transport logistics. The authors were selected from around the world and asked to provide critiques of their subject areas as well as a review of the state of the art and case study examples.

The Global Supply Chain Wolfgang Lehmacher 2017-01-28 This book provides readers an in-depth understanding of the inner mechanisms and principles of the global supply chain. Authored by the Head of Supply Chain and Transport Industries at the World Economic Forum, it draws on a wealth of operational and managerial expertise in the global supply chain industry that drive the world's economies. The book analyzes the importance and impact of globally networked sourcing, production and distribution, and

presents detailed information on the opportunities, limitations and challenges of linear value and supply chain systems. Building on a series of recent industry cases and with a focus on the latest developments in actual business processes and models, it reveals how the transformation toward circular supply chains and regenerative resource management forms the basis for success and sustainability in business. “The book brings together technical, social, political, and geographical trends, suggesting how supply chain management can lead the quest for many of the world’s most pressing challenges.” Yossi Sheffi, Professor of Engineering, MIT, Head, MIT Center for Transportation and Logistics “This book provides an essential roadmap, guiding the reader easily through complex developments and concepts.” John Manners-Bell, CEO Transport Intelligence and Honorary Visiting Professor, Guildhall Business School, London “With strategic foresight, Lehmacher develops a vision of a circular economy within which consumer, manufacturer and logistics companies assume collective responsibility for sustainable value creation.” Alfred Talke, Group Managing Director ALFRED TALKE Logistic Services “Those who are active in logistics and supply chain management, in practice or academia, will discover a fresh view on the whole field of activity beyond the day-to-day-business.” Prof. Dr.-Ing. Thomas Wimmer, Chairman of the Executive Board, BVL International

Global Supply Chain Security and Management Darren Prokop 2017-02-28
Global Supply Chain Security and Management: Appraising Programs, Preventing Crimes examines the relationship between securing a supply chain and promoting more efficient worldwide trade. Historically, the primary goal of supply chain security was guarding against theft and damage. Today, supply chains are also on the frontlines in the fight against terrorism. This book showcases industry leaders and their best practices, also exploring how the government is both a policing organization and a supply chain partner. In addition, it covers the critical roles that various technologies play, focusing on how Big Data is collected and turned into knowledge. By using the tools provided, readers will gain a stronger understanding of the challenges and opportunities faced by any organization that imports or exports products. Outlines the latest technologies being used to secure infrastructures Leverages game theory to express the strategic interactions of government and business Covers the latest U.S. regulations and provides analytical tools to help make sense of these regulations Incorporates the latest theories and techniques of industrial organization, economics, and security

Marketing Logistics Martin Christopher 2012-05-04 This interface is being recognized by business organizations as a key priority for management, and both practitioners and academics alike have placed a greater emphasis on the need to view the supply chain as a whole as the vehicle by which competitive advantage is achieved. As well as drawing upon current research and the experience of firms worldwide, Marketing Logistics uses numerous 'mini-cases' and vignettes to illustrate the key messages in each chapter and bring the theory to life. This book is an invaluable resource for managers who seek to understand more about the way in which the supply chain should be managed to improve their organization's competitive position, as well as students undertaking degree-level courses in marketing, logistics and supply chain management.

Air Cargo Management Michael Sales 2016-12-16 Air Cargo Management provides a comprehensive and lively overview of the air cargo industry, which is both economically and strategically important in the field of logistics, world trade and supply chain management. This new edition builds on the success of the previous edition, focusing on the role of air freight in the global supply chain, including areas such as: the main players in the industry; regulations and restrictions; and terrorism management. Updates to this edition include: the role of E-Commerce and its changing influence on the industry; a new chapter on crime, security and terrorism; updated case studies, and new contributors providing professional insight from the industry. Enriched throughout with international case studies and contributions from industry experts, Air Cargo Management provides a practical approach. It is the perfect companion for undergraduate students studying air logistics, transportation logistics, air cargo and supply chain management. Professionals and managers in the field will also find Sales' easy

style and industry insights useful and applicable to their practice.

Global Logistics Management Wolfgang Kersten 2008

Global Logistics and Supply Chain Management Mason Harris 2020-09-15 A supply chain refers to a system of people, activities, organizations, resources and information that are involved in the movement of a product or service from a supplier to the end customer. The activities in a supply chain involve the transformation of raw materials, natural resources and components into the finished product. In special supply chains, the used products can re-enter the supply chain when the residual value is recyclable. There can be different types of supply chain models that address the upstream and downstream aspects of supply chain management. The Supply Chain Operations Reference (SCOR) model is the cross-industry standard measuring total supply chain performance. It includes the parameters of production flexibility, delivery and order fulfillment performance, inventory and asset turns, etc. Supply chain logistics are two closely related aspects of any business. Logistics management is generally regarded as a sub-discipline of supply chain management. This book provides comprehensive insights into the field of logistics. Most of the topics introduced herein cover new techniques and the applications of supply chain management. This book, with its detailed analyses and data, will prove immensely beneficial to professionals and students involved in this area at various levels.

Supply Chain Management Nada R. Sanders 2017-09-18 Supply chain management, rapidly-advancing and growing ever more important in the global business climate, requires an intense understanding of both underlying principles and practical techniques. Including both a broad overview of supply chain management and real-world examples of SCM in companies ranging from small to large, this book provides students with both the foundational material required to understand the subject matter and practical tips that demonstrate how the latest techniques are being applied. Spanning functional boundaries, this well-regarded book is now in its second edition and has quickly become a standard course text at many universities. This newest edition continues to provide a balanced, integrative, and business-oriented viewpoint of the material, and deeply explores how SCM is intertwined with other organizational functions. New material has been added to address the importance of big data analytics in SCM, as well as other technological advances such as 3-D printing, cloud computing, machine learning, driverless vehicles, the Internet of Things, RFID, and others.

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.

Global Logistics Management Bahar Y. Kara 2014-12-10 Global Logistics Management focuses on the evolution of logistics in the last two decades, and highlights recent developments from a worldwide perspective. The book details a wide range of application-oriented studies, from metropolitan bus routing problems to relief logistics, and introduces the state of the art on some classical applications. The book addresses typical logistic problems, most specifically the vehicle routing problem (VRP), followed by a series of analyses and discussions on various logistics problems plaguing airline and marine systems. The text addresses problems encountered in continuous

space, and discusses the issue of consolidation, scheduling, and replenishment decisions together with routing. It proposes a methodology that supports decision making at a tactical and operational level associated with daily inventory management, and also examines the three-echelon logistic network. This material provides numerous examples and additional topics that include: An analysis for the airline industry and a novel approach for airline logistics including fare pricing and seat inventory control The berth-crane allocation problem in container terminals A marine system logistics application Ice navigation problems and factors that affect ice navigation Pharmaceutical warehouse route design problems An application in healthcare logistics in which medical suppliers are evaluated through a fuzzy linguistic representation model A real data-driven simulation model that outputs a new shuttle system A model that integrates routing and batching problems Joint replenishment and transportation problems Global Logistics Management clearly illustrates logistic problems encountered in many different application areas, and provides you with the latest advances in classical applications.

The Handbook of Logistics and Distribution Management Alan Rushton 2000 Designed for students, young managers and seasoned practitioners alike, this handbook explains the nuts and bolts of the modern logistics and distribution world in plain language. Illustrated throughout, this second edition includes new chapters on areas previously not covered, such as: intermodal transport; benchmarking; environmental matters; and vehicle and depot security.

Introduction to Supply Chain Management Technologies, Second Edition

David Frederick Ross 2016-04-19 It is almost impossible to conceive of the concept and practical application of supply chain management (SCM) without linking it to the enabling power of today's information technologies. Building upon the foundations of the first edition, *Introduction to Supply Chain Management Technologies, Second Edition* details the software toolsets and suites driving integration in the areas of customer management, manufacturing, procurement, warehousing, and logistics. By investigating the breakthroughs brought about by the emergence of new Internet-based technologies in information, channel, customer, production, sourcing, and logistics management, the author provides new insights into the continuously emerging field of SCM. New in the Second Edition: New model of SCM Extended discussion of the concepts of lean, adaptive, and demand-driven

supply chain technologies Customer experience management and social networking Fundamentals of computing and their enabling power Basics of today's ERP/supply chain business solutions Integrative software tools that allow for new levels of collaboration, flexibility, and performance The new edition expands on emerging technologies that have provided all forms of enterprises with the capability to continuously automate cost, redundancy, and variation out of the process; enhance information creation and visibility; and expand the peer-to-peer connectivity that allows people to network their tasks, ideas, and aspirations to produce a form of collective open-ended knowing, collaborating, and experiencing. The information presented builds an understanding of how today's technology-driven SCM provides new avenues to execute superlative, customer-winning value through the digital, real-time synchronization of productive competencies, products, services, and logistics delivery capabilities with the priorities of an increasingly global business environment.

Transportation: A Global Supply Chain Perspective John J. Coyle 2015-04-08

Delivering comprehensive coverage of current domestic and global trends, *TRANSPORTATION: A SUPPLY CHAIN PERSPECTIVE, 8E* equips readers with a solid understanding of what is arguably the most critical—and complex—component of global supply chains. Taking a managerial approach, the text explains the fundamental role and importance of transportation in companies and in society, as well as the complex environment in which transportation service is provided today. It provides a framework and foundation for the role of transportation from a micro and macro perspective in supply chains. It also offers an overview of the operating and service characteristics, cost structure, and current challenges faced by current providers of transportation. In addition, the authors spotlight a variety of critical transportation management issues, providing insightful discussions of the strategic activities and challenges involved in the movement of goods through the supply chain. Completely up to date, the Eighth Edition features new readings, cases, and examples. It emphasizes global topics throughout, includes new coverage of hard and soft technology, and offers expanded discussions of fuel, energy, managerial, economic, and environmental issues. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.