

# **Sustainable Logistics And Supply Chain Management Principles And Practices For Sustainable Operations And Management**

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**Sustainable Supply Chain Management** -  
Balkan Cetinkaya 2011-01-27

This book focuses on the need to develop sustainable supply chains - economically, environmentally and socially. This book is not about a wish list of impractical choices, but the reality of decisions faced by all those involved in supply chain management today. Our definition of sustainable supply chains is not restricted to so-called "green" supply chains, but recognises that in order to be truly sustainable, supply chains must operate within a realistic financial structure, as well as contribute value to our society. Supply chains are not sustainable unless they are

realistically funded and valued. Thus, a real definition of sustainable supply chain management must take account of all relevant economic, social and environmental issues. This book contains examples from a wide range of real-life case studies, and synthesizes the learnings from these many different situations to provide the fundamental building blocks at the centre of successful logistics and supply chain management.

Sustainability in Global Value Chains  
- Michael Henke 2021-02-03

Sustainability can create greater efficiency and cost savings in the supply chain. Supply chains, which are more complex and global than ever

before, are full of both risks and opportunities. The risks range from inconsistent or poor quality to supply disruptions to health and safety concerns to corruption. Businesses face pressure to adopt sustainable supply chain practices from various stakeholders and motivations typically come from one or more of four sources: customers, compliance, costs, competitive advantage. Sustainability in Global Value Chains is the guide to understanding all aspects and approaches of sustainable supply chains using in-depth research from leading academics from sixteen different universities. Sustainability in Global Value Chains focuses on how to make supply chains sustainable, with an emphasis on new technologies and digitization. The

research featured covers topics such as KPIs in production and supply chains, the role of standards, blockchain technology and algebraic models. This comprehensive book presents real world issues, problems in implementing sustainability in the supply chain and examples of best practice.

Principles of Supply Chain

Management: A Balanced Approach -

Joel D. Wisner 2018-01-01

Examine the latest practices, trends, and developments from the field,

PRINCIPLES OF SUPPLY CHAIN

MANAGEMENT: A BALANCED APPROACH, 5E

guides readers step-by-step through the management of all supply chain activities. Readers review real concerns related to domestic and global supply chains. Comprehensive, one-of-a-kind coverage encompasses

important processes in operations, purchasing, logistics, as well as process integration. A balanced approach follows the natural flow through the supply chain. Well-organized chapters demonstrate the practical applications of supply chain management in today's workplace with the help of intriguing SCM Profiles and interesting real business examples. Relevant end-of-chapter questions, problems, and new cases help readers put skills into practice. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**Emerging Applications in Supply Chains for Sustainable Business Development** - Kumar, M. Vijaya  
2018-09-07

The application of sustainability practices at the system level begins with the supply chain. In the business realm, incorporating such practices allows organizations to redesign their operations more effectively. Emerging Applications in Supply Chains for Sustainable Business Development is a pivotal reference source that provides vital research on the models, strategies, and analyses that are essential for developing and managing a sustainable supply chain. While highlighting topics such as agile manufacturing and the world food crisis, this publication is ideally designed for business managers, academicians, business practitioners, researchers, academicians, and students seeking current research on sustainable supply chain management.

## **A methodology for planning sustainable supply chain initiatives**

- Kucht Campos, Juliana 2016-11-18

This publication presents a methodology for planning sustainable supply chain initiatives, consisting of three scopes, each with its appropriate mechanism and background theory. The first one "Acting In" structures organizational practices in a "Framework for Managing Sustainable Supply Chain Practices". The second scope "Acting Out" compares practices from 32 recognized sustainability leaders from five different industries through a "Benchmarks Practices Bank". The third scope "Acting Beyond" supports defining and managing a portfolio of sustainable supply chain practices through a "Practices Portfolio Planning Matrix" which provides a

list of opportunities for the exchange of knowledge between Germany and Brazil. The methodology significantly supports supply chain decision makers in planning initiatives and visualizing collaboration opportunities within a firm, industry and shared value chain perspective. As companies become more global, challenges also become greater, thus, a more systematic and holistic approach can lead the way for developing more innovative solutions. In der folgenden Doktorarbeit wird eine Methodologie zur Planung von Nachhaltigkeitsinitiativen im Bereich Supply Chain entwickelt, die aus drei Haupthandlungsfeldern besteht und für welche jeweils der theoretische Hintergrund, sowie geeignete Mechanismen aufgezeigt werden. Der

erste Bereich, das sog. „Acting In“, strukturiert organisatorische Tätigkeiten und integriert diese in einen Rahmen, dem „Framework for Managing Sustainable Supply Chain Practices“. Der zweite Bereich - „Acting Out“ - vergleicht verschiedene Verfahren von 32 anerkannten, im Bereich Nachhaltigkeit führenden Unternehmen mit Hilfe der Datenbank „Benchmarks Practices Bank“. „Acting Beyond“ - der dritte Bereich - hilft dabei ein Portfolio mit nachhaltigen Maßnahmen im Supply Chain Bereich zu definieren. Hierfür wird die „Practices Portfolio Planning Matrix“ eingeführt, welche gleichzeitig interessante Möglichkeiten zum Wissensaustausch zwischen Deutschland und Brasilien aufzeigt. Die erarbeitete Methodik ist sowohl für

die Forschung, als auch für die Anwender im Supply Chain Bereich von großer Bedeutung. Die hier entwickelten Mechanismen unterstützen die Entscheider in den Unternehmen bei der Planung von Nachhaltigkeitsinitiativen im Supply Chain Bereich und verdeutlichen Kooperationsmöglichkeiten auf verschiedenen Ebenen: innerbetrieblich, auf derselben Wertschöpfungsstufe und über die gesamte Wertschöpfungskette hinweg. Da die Unternehmen immer globaler agieren, werden die Herausforderungen größer. Daher kann eine systematischere, ganzheitlichere Herangehensweise ein Ansatz sein, wenn es um die Entwicklung von innovativen Lösungen geht. The Circular Supply Chain - Ifeyinwa Juliet Orji 2022-09-14

Organizations need to stay competitive and transition from a linear make-use-dispose supply chain model to a sustainable one. This book covers techniques and basic principles, historical developments and recent issues facing the adoption of a circular supply chain model. The *Circular Supply Chain: Basic Principles and Techniques* presents the key principles and techniques for the effective integration of a circular economy into supply chains. It discusses sustainability, digitization and the application of blockchain to enhance operations within the realm of Industry 4.0. Principles to assist managers in effectively adopting circularity business models for sustainability improvements are provided, along with the historical background, so the

reader can have a better understanding for implementation. Case studies and reading comprehension questions are also offered to help with the effective integration of a circular economy into supply chains. This book is written to assist students, practicing engineers and business professionals that work in the industrial and manufacturing sectors, supply chain management, and with advanced technologies associated with Industry 4.0, sustainability, blockchain and digitalization integration techniques of circular supply chains.

*Sustainable and Green Supply Chains and Logistics Case Study Collection -*

Ozlem Bak 2021-11-03

Sustainability is an increasingly urgent and important factor in

logistics and supply chain management, impacting the whole supply chain lifecycle from product design and development, to supplier management, packaging, transportation, warehousing and distribution. The third volume of the Supply Chain Case Study Collection, the Sustainable and Green Supply Chains and Logistics Case Study Collection contains real-life scenarios from leading companies who are pursuing a sustainability agenda. Cases cover sustainability and 'green' practices in a range of different industries, from food through to manufacturing and construction, and in a variety of organization sizes. They are written by leading international academics and feature cutting-edge research from countries including India,

Vietnam, Brazil, China and the UK. By exploring examples of waste reduction, supplier management, the circular economy and cross-industry collaboration, the Case Study Collection focuses on how organizations are currently trying to meet sustainability goals and achieve success in greening supply chains. *The Critical Success Factors of Green Supply Chain Management in Emerging Economies* - Syed Abdul Rehman Khan 2020-04-21

This book outlines the scope of sustainability and green practice in supply chain operations, which has continued to grow with a rapid speed. The book includes core aspects of sustainability and green supply chain management philosophy and practice, covering general concepts, principles, strategies and best



practices, which not only protect socio-environmental sustainability, but spur economic growth. The book will aid practitioners in using sustainable supply chains to reduce cost and improve service, as well as keep up-to-date with different features of green supply chains and logistics in a global market. The book will also be a valuable resource for candidates undertaking certification examinations and students studying for degrees in related fields of sustainability and green supply chain management.

### **Sustainable Design and Manufacturing**

**2016** - Rossi Setchi 2016-04-02

This volumes consists of 59 peer-reviewed papers, presented at the International Conference on Sustainable Design and Manufacturing (SDM-16) held in Chania, Crete Greece

in April 2016. Leading-edge research into sustainable design and manufacturing aims to enable the manufacturing industry to grow by adopting more advanced technologies, and at the same time improve its sustainability by reducing its environmental impact. SDM-16 covers a wide range of topics from sustainable product design and service innovation, sustainable process and technology for the manufacturing of sustainable products, sustainable manufacturing systems and enterprises, decision support for sustainability, and the study of societal impact of sustainability including research for circular economy. Application areas are wide and varied. The book will provide an excellent overview of the latest research and development in the area

of Sustainable Design and Manufacturing.

**Supply Chain Management Best Practices** - David Blanchard  
2010-04-26

Learn what it takes to develop and have a "best-in-class" supply chain. This new edition shows you how to build supply chains that work by illustrating how leading companies are doing it. Identifying world-class supply chains in more than a dozen different industries and explaining in detail how these companies got to where they are, this essential book reveals the proven strategies, solutions, and performance metrics used by leading companies to design their extended enterprises. Identifies proven strategies, solutions, and performance metrics for supply chain management best

practice benchmarks. Shows how to manage supply chains in a global marketplace and how to choose third-party providers. New edition includes new chapters on green supply chains and lean supply chains, and expanded analysis of emerging technologies. Includes coverage of supply chain metrics, planning and forecasting, procurement, manufacturing, transportation, globalization, customer service, collaboration, security, and workforce management. Written by the Editorial Director of Penton Media's Supply Chain Group and a Contributing Editor to IndustryWeek magazine. It also offers guidance on the latest technology, green supply chains, going lean, how to choose third-party logistics providers, and how to manage the supply chain in a global environment.

## **Principles of Supply Chain Management**

- Jan Killmeyer 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 su

## **Logistics Operations, Supply Chain Management and Sustainability** -

Paulina Golinska 2014-06-10

The aim of this book is to present qualitative and qualitative aspects of logistics operations and supply chain management which help to implement the sustainable policy principles in the companies and

public sector's institutions. Authors in individual chapters address the issues related to reverse network configuration, forward and reverse supply chain integration, CO2 reduction in transportation, improvement of the production operations and management of the recovery activities. Some best practices from different countries and industries are presented. This book will be valuable to both academics and practitioners wishing to deepen their knowledge in the field of logistics operations and management with regard to sustainability issues.

## **Sustainable Logistics and Supply Chain Management** - David B. Grant 2017-04-03

Sustainable Logistics and Supply Chain Management is the essential

guide to the principles and practices of sustainable logistics operations. Based on extensive research, this book covers the whole scope of sustainable logistics. The case studies, with particular attention for use in a teaching context, relate the theoretical concepts to practice and what is happening 'on the ground'. Sustainable Logistics and Supply Chain Management examines all the key areas in sustainable logistics and supply chain management, including: sustainable product design and packaging; sustainable purchasing and procurement; environmental impact of freight transport; sustainable warehousing and storage; and much more. Sustainable Logistics and Supply Chain Management is a highly accessible guide to sustainable

supply chain management. It provides an excellent insight into the topic that will help managers, students, and scholars grasp the fundamentals of green supply and logistics management. A vital teaching resource for courses on sustainable logistics, this revised edition includes valuable supporting online materials.

**Operations, Logistics and Supply Chain Management** - Henk Zijm

2018-08-29

This book provides an overview of important trends and developments in logistics and supply chain research, making them available to practitioners, while also serving as a point of reference for academicians. Operations and logistics are cornerstones of modern supply chains that in turn are essential for global business and

economics. The composition, character and importance of supply chains and networks are rapidly changing, due to technological innovations such as Information and Communication Technologies, Sensors and Robotics, Internet of Things, and Additive Manufacturing, to name a few (often referred to as Industry 4.0). Societal developments such as environmental consciousness, urbanization or the optimal use of scarce resources are also impacting how supply chain networks are configured and operated. As a result, future supply chains will not just be assessed in terms of cost-effectiveness and speed, but also the need to satisfy agility, resilience and sustainability requirements. To face these challenges, an understanding of the basic as well as

more advanced concepts and recent innovations is essential in building competitive and sustainable supply chains and, as part of that, logistics and operations. These span multiple disciplines and geographies, making them interdisciplinary and international. Therefore, this book contains contributions and views from a variety of experts from multiple countries, and combines management, engineering as well as basic information technology and social concepts. In particular, it aims to: provide a comprehensive guide for all relevant and major logistics, operations, and supply chain management topics in teaching and business practice address three levels of expertise, i.e., concepts and principles at a basic (undergraduate, BS) level, more

advanced topics at a graduate level (MS), and finally recent (state-of-the-art) developments at a research level. In particular the latter serve to present a window on current and future (potential) logistics innovations in the different thematic fields for both researchers and top business practitioners integrate a textbook approach with matching case studies for effective teaching and learning discuss multiple international perspectives in order to represent adequately the true global nature of operations, logistics and supply chains.

*Process Simulation and Optimization in Sustainable Logistics and Manufacturing* - Pawel Pawlewski  
2014-06-12

The aim of this book is to present qualitative aspects of logistics

operations and supply chain management which help to implement the sustainable policy principles in the companies and public sector's institutions. Authors in individual chapters address the issues related to reverse network configuration, forward and reverse supply chain integration, CO2 reduction in transportation, improvement of the production operations and management of the recovery activities. Some best practices from different countries and industries are presented. This book will be valuable to both academics and practitioners wishing to deepen their knowledge in the field of logistics operations and management with regard to sustainability issues.

*Operations Management and Sustainability* - Luitzen de Boer

2018-09-03

This edited book presents cutting edge international research in operations management sustainability and topical research themes. As the sustainability agenda gains greater prominence and momentum throughout society, business actors and stakeholders are increasingly concerned with the impact of current business operations. There is a growing need for OM research and practice which reflects these concerns. Based on demands from industry and society at large, universities and schools now develop academic programs which are meant to serve this need – yet there is no clear and manifest research program concerning OM and sustainability. This book is of use to both researchers orientating themselves in

this new and exciting field and educators seeking inspiration to develop new courses.

**Integrated framework for managing sustainable supply chain practices -**

Kucht Campos, Juliana 2015-09-18

The pressure on companies towards sustainable development is changing the way they are dealing with their supply chain network. Practices are not limited to the company level. They are involving suppliers, customers, government, society and other stakeholders that impact and are impacted by the actions to improve economic results combined with environmental and social responsibility. This book presents a framework which can be used in practice and research for managing practices, possible to be implemented in different industries worldwide,

and which intends to add value to the customers. It is composed by three clusters, seven groups and 21 sub-groups of practices and was built with data collected from a systematic literature review with more than 2000 documents analyzed and refined with workshops and interviews with academics and practitioners. The framework offers a holistic view of practices for improving supply chain sustainability and the integration between them. It has proven to be a valuable instrument for supporting decision planning. Die Herausforderungen nachhaltigen Handelns beeinflussen in Unternehmen in besonderem Maße das Management und den Aufbau von Supply-Chain Netzwerken. Derartige Veränderungen beschränken sich dabei nicht nur auf das jeweilige Unternehmen, sondern

beeinflussen alle Akteure im Netzwerk, bspw. Lieferanten und Partner, sowie die Kunden, die Gesellschaft und den Staat. Diese zahlreichen Stakeholder sollten durch Ansätze nachhaltigen Handels in der Art beeinflusst werden, dass eine zunehmende ökologische und soziale Verantwortung auch zu verbesserten ökonomischen Ergebnissen führt. Dieses Buch stellt einen Ordnungsrahmen nachhaltigen Handels vor, welcher weltweit in Praxis und Forschung in unterschiedlichen Branchen realisiert werden kann und darauf abzielt den Mehrwert für die Kunden zu erhöhen. Der Ordnungsrahmen setzt sich dabei aus drei Bereichen zusammen, welche sich wiederum in sieben Gruppen und 21 Untergruppen unterteilen lassen. Die für die Entwicklung des Ordnungsrahmens



relevanten Daten wurden dabei durch eine systematischen Literaturrecherche erhoben und geordnet, in deren Verlauf mehr als 2000 Dokumente analysiert wurden. Zwischenergebnisse wurden dabei in Workshops mit Praktikern und Wissenschaftlern bewertet, weiterentwickelt und zusätzlich durch Experteninterviews validiert. Der Ordnungsrahmen zur Nachhaltigkeit in Supply-Chain Netzwerken bietet eine ganzheitliche Sicht auf Verfahren zur Verbesserung der ökonomischen, ökologischen und sozialen Nachhaltigkeit sowie auf die Integration der einzelnen Bereiche und hat sich als wertvolles Instrumente zur Unterstützung von unternehmerischen Entscheidungen erwiesen.

**Green Supply Chain Management -**

Charisios Achillas 2018-10-31

Today, one of the top priorities of an organization's modern corporate strategy is to portray itself as socially responsible and environmentally sustainable. As a focal point of sustainability initiatives, green supply chain management has emerged as a key strategy that can provide competitive advantages with significant parallel gains for company profitability. In designing a green supply chain, the intent is the adoption of comprehensive and cross-business sustainability principles, from the product conception stage to the end-of-life stage. In this context, green initiatives relate to tangible and intangible corporate benefits. Sustainability reports from numerous companies reveal that greening their

supply chains has helped reduce operating cost, thus boosting effectiveness and efficiency while increasing sustainability of the business. Green Supply Chain Management provides a strategic overview of sustainable supply chain management, shedding light on the theoretical background and key principles of the topic. Specifically, this book covers various thematic areas including benefits and impact of green supply chain management; enablers and barriers on supply chain operations; inbound and outbound logistics considerations; and production, packaging and reverse logistics under the notion of "greening". The ultimate aim of this textbook is to highlight the challenges in the implementation of green supply chain

management in modern companies and to provide a roadmap for decision-making in real-life cases. Combining chapter summaries and discussion questions, this book provides an accessible and student-friendly introduction to green supply change management and will be of great interest to students, scholars and practitioners in the fields of sustainable business and supply chain management.

Strategic Supply Chain Management -  
Samir Dani 2019-10-03

Supply chains, including logistics, are the functional elements of an organisation's operations. To formulate a strategy for this operation to work seamlessly the organisation needs to align these operations with the corporate and business strategy. Strategic Supply Chain Management provides a

discussion on effective supply chain strategic leadership for managerial teams who have previously been operating on a tactical or operational level, as well as students who need to learn about applying the theories of strategic supply chain management in practice. Strategic Supply Chain Management introduces concepts and tools which will enable successful buyer-supplier relationships and effective organizational leadership and talent management. Samir Dani provides a concise but important outlook on the connection between business strategy and supply chain strategy. The book delves into topical issues of risk, resilience, and sustainability and how these influence both business and supply chain strategy. The book also considers strategies for procurement,

buyer supplier relationships, and sales & operations planning. An important aspect of this book is to consider the leadership and talent aspects of the humans in the supply chain and how this influences strategy and creates competitive advantage.

**Best Practices in Green Supply Chain Management** - Sadia Samar Ali  
2019-04-30

Best Practices in Green Supply Chain Management uses present case studies from the Indian and Mexican manufacturing industries to offer new insights on the challenges of integrating environmental awareness into supply chain management operations in developing countries.

**Purchasing and Supply Chain Management** - Thomas E. Johnsen  
2014-10-24

This is the ground-breaking new book for aspiring purchasing and supply chain leaders and anyone with a keen interest in this rapidly evolving field. For too long business has focused on short-term cost advantages through low-cost country sourcing with little regard for the longer-term implications of global sustainability. As the first book to fully address the environmental, social and economic challenges of how companies manage purchasing and supply chains, it aims to inspire the development of current and future purchasing and supply chain leaders. In addition to explaining the basic principles and processes of both purchasing and supply chain management, the book evaluates how to develop strategic and sustainable purchasing and supply chain

management. A key message is that purchasing and supply chain management needs to focus on value creation rather than cost cutting. This requires the development of completely new purchasing and supply chain models that involve closed-loop supply structures, supply chain transparency and collaboration with new stakeholders in traditional sourcing and supply chain processes. Aimed at students, educators and practitioners the book integrates sustainability into each chapter as a core element of purchasing and supply chain management. Incorporating case studies from industry into each chapter, the book strikes a balance between theoretical frameworks and guidelines for implementation in practice.

*Purchasing and Supply Chain*

*Management* - Thomas E. Johnsen  
2018-10-26

For too long, business has focused on short-term cost advantages through low-cost country sourcing with little regard for the longer-term implications of global sustainability. *Purchasing and Supply Chain Management, Second Edition*, not only fully addresses the environmental, social and economic challenges of how companies manage purchasing and supply chains, but also delves deeper into emerging areas such as modern slavery, digital technologies and circular supply chains. In addition to explaining the basic principles and processes of both purchasing and supply chain management, the book evaluates how to develop strategic and sustainable purchasing and supply chain

management. Our key message is that purchasing and supply chain management needs to focus on value creation rather than cost cutting. This requires the development of new purchasing and supply chain models that involve circular supply structures, supply chain transparency and collaboration with new stakeholders in traditional sourcing and supply chain settings. Aimed at students, educators and practitioners the book integrates sustainability into each chapter as a core element of purchasing and supply chain management. This second edition incorporates new examples and case studies from industry throughout, striking a balance between theoretical frameworks and guidelines for implementation in practice.

**Principles of Global Supply Chain**

**Management** - Yui-yip Lau 2019-06-15  
Supply chain management is the cornerstone of the competitive strategies of many presentday organizations and has evolved from the operational to the strategic level. Understanding this, Principles of Global Supply Chain Management offers a comprehensive insight into the global supply chain sector—analyzing the strategic, operational and financial aspects of the industry, and addressing the key elements in the management of global supply chains. The key topics of each chapter demonstrate a variety of fundamental issues in the supply chain industry: What are supply chain markets? What is the supply chain cost structure? What are supply chain strategies? How do supply chain firms design and implement strategies? What

are the key roles of logistics service providers, logistics education operators and logistics associations? How should supply chain operations be managed? How is a sustainable and innovative supply chain structure created? Comparative practical case studies from Asia, North America and Latin America lend weight to the chapters.

**Sustainable Fashion Supply Chain Management** - Tsan-Ming Choi

2015-03-20

This handbook is a compilation of comprehensive reference sources that provide state-of-the-art findings on both theoretical and applied research on sustainable fashion supply chain management. It contains three parts, organized under the headings of “Reviews and Discussions,” “Analytical Research,” and “Empirical

Research,” featuring peer-reviewed papers contributed by researchers from Asia, Europe, and the US. This book is the first to focus on sustainable supply chain management in the fashion industry and is therefore a pioneering text on this topic. In the fashion industry, disposable fashion under the fast fashion concept has become a trend. In this trend, fashion supply chains must be highly responsive to market changes and able to produce fashion products in very small quantities to satisfy changing consumer needs. As a result, new styles will appear in the market within a very short time and fashion brands such as Zara can reduce the whole process cycle from conceptual design to a final ready-to-sell “well-produced and packaged” product on the retail sales floor

within a few weeks. From the supply chain’s perspective, the fast fashion concept helps to match supply and demand and lowers inventory. Moreover, since many fast fashion companies, e.g., Zara, H&M, and Topshop, adopt a local sourcing approach and obtain supply from local manufacturers (to cut lead time), the corresponding carbon footprint is much reduced. Thus, this local sourcing scheme under fast fashion would enhance the level of environmental friendliness compared with the more traditional offshore sourcing. Furthermore, since the fashion supply chain is notorious for generating high volumes of pollutants, involving hazardous materials in the production processes, and producing products by companies with low social

responsibility, new management principles and theories, especially those that take into account consumer behaviours and preferences, need to be developed to address many of these issues in order to achieve the goal of sustainable fashion supply chain management. The topics covered include Reverse Logistics of US Carpet Recycling; Green Brand Strategies in the Fashion Industry; Impacts of Social Media on Consumers' Disposals of Apparel; Fashion Supply Chain Network Competition with Eco-labelling; Reverse Logistics as a Sustainable Supply Chain Practice for the Fashion Industry; Apparel Manufacturers' Path to World-class Corporate Social Responsibility; Sustainable Supply Chain Management in the Slow-Fashion Industry; Mass Market Second-hand Clothing Retail

Operations in Hong Kong; Constraints and Drivers of Growth in the Ethical Fashion Sector: The case of France; and Effects of Used Garment Collection Programmes in Fast Fashion Brands.

*Sustainable Supply Chains* - Yann Bouchery 2016-09-01

This book is primarily intended to serve as a research-based textbook on sustainable supply chains for graduate programs in Business, Management, Industrial Engineering, and Industrial Ecology, but it should also be of interest for researchers in the broader sustainable supply chain space, whether from the operations management and industrial engineering side or more from the industrial ecology and life-cycle assessment side. Finding efficient solutions towards a more sustainable



supply chain is increasingly important for managers, but clearly this raise difficult questions, often without clear answers. This book aims to provide insights into these kinds of questions for students and practitioners, based on the latest academic research.

**Green Practices and Strategies in Supply Chain Management** - Syed Abdul Rehman Khan 2019-09-11

We look at green supply chain management from the vantage point of the triple bottom line: environmental, economic, and social. There are many sustainability decisions that can be made on which we have an incredible impact. Usually, managers have the opportunity to make decisions in five areas of the supply chain: plan, source, make, deliver, and return.

Nowadays, consumers care more about where and how the products are produced and delivered, what they are made of, and who made them.

Regulatory bodies are continuously creating pressure on firms to adopt eco-friendly practices in their businesses for better environmental sustainability. As a result, firms have just two choices: to adopt green and/or eco-friendly practices in their supply chain operations to fulfill their customers' and regulatory bodies' requirement or not to adopt green practices and lose their business position and potential customers.

**Operations Management for Business Excellence** - David Gardiner 2019-10-28

All businesses strive for excellence in today's technology-based

environment in which customers want solutions at the touch of a button. This highly regarded textbook provides in-depth coverage of the principles of operations and supply chain management and explains how to design, implement, and maintain processes for sustainable competitive advantage. This text offers a unique combination of theory and practice with a strategic, results-driven approach. Now in its fourth edition, *Operations Management for Business Excellence* has been updated to reflect major advances and future trends in supply chain management. A new chapter on advanced supply chain concepts covers novel logistics technology, information systems, customer proximity, sustainability, and the use of multiple sales channels. As a platform for

discussion, the exploration of future trends includes self-driving vehicles, automation and robotics, and omnichannel retailing. Features include: A host of international case studies and examples to demonstrate how theory translates to practice, including Airbus, Hewlett Packard, Puma, and Toyota. A consistent structure to aid learning and retention: Each chapter begins with a detailed set of learning objectives and finishes with a chapter summary, a set of discussion questions and a list of key terms. Fully comprehensive with an emphasis on the practical, this textbook should be core reading for advanced undergraduate and postgraduate students of operations management and supply chain management. It would also appeal to executives who desire

an understanding of how to achieve and maintain 'excellence' in business. Online resources include lecture slides, a glossary, test questions, downloadable figures, and a bonus chapter on project management.

*The Essentials of Supply Chain Management* - Hokey Min 2015-05-23

This is today's indispensable introduction to supply chain management for today's students and tomorrow's managers – not yesterday's! Prof. Hokey Min focuses on modern business strategies and applications – transcending obsolete logistics- and purchasing-driven approaches still found in many competitive books. Focusing on outcomes throughout, *The Essentials of Supply Chain Management* shows how to achieve continuous organizational

success by applying modern supply chain concepts. Reflecting his extensive recent experience working with leading executives and managers, Min teaches highly-effective methods for supply chain thinking and problem-solving. You'll master an integrated Total System Approach that places functions like inventory control and transportation squarely in context, helping you smoothly integrate internal and external functions, and establish effective inter-firm cooperation and strategic alliances across complex supply chains. Coverage includes: Understanding modern sourcing, logistics, operations, sales, and marketing – and how they fit together Using modern supply chain methods to improve customer satisfaction and quality Working with cutting-edge

supply chain technology and metrics  
Moving towards greater sustainability  
and more effective risk management  
Working with core analytical tools to  
evaluate supply chain practices and  
measure performance Legal, ethical,  
cultural, and  
environmental/sustainability aspects  
of modern supply chain operations How  
to build a career in global supply  
chain management The Essentials of  
Supply Chain Management will be an  
indispensable resource for all  
graduate and undergraduate students  
in supply chain management, and for  
every practitioner pursuing  
professional certification or  
executive education in the field.

**Sustainable Operations and Supply  
Chain Management** - Valeria Belvedere  
2017-03-20  
SUSTAINABLE OPERATIONS AND SUPPLY

CHAIN MANAGEMENT SUSTAINABLE  
OPERATIONS AND SUPPLY CHAIN  
MANAGEMENT Sustainable Operations and  
Supply Chain Management addresses the  
most relevant topics of operations  
and supply chain management from the  
perspective of sustainability. The  
main focus is to provide a step-by-  
step guide for managerial decisions  
made along the product life cycle,  
following a path made up of the  
following steps: product design,  
sourcing, manufacturing, packaging  
and physical distribution, reverse  
logistics and recovery. Guidance is  
provided on understanding traditional  
operations and supply chain  
management approaches, tools and  
techniques such as production  
planning, stock management, quality  
management and performance  
measurement, which can be adapted to

achieve economic, environmental and social sustainability. Key features: Repositions the main operations and supply chain management decisions developed in the perspective of the Life Cycle Analysis (Cradle-to-Cradle approach) and the Triple Bottom Line approach (economic, environmental and social sustainability) Covers sustainability and future trends, sustainable operations as a competitive factor as well as performance measurement and control Explores five main areas of operations and supply chain management; design for environment, procurement, manufacturing, packaging and distribution and reverse supply chain Provides a case study within each chapter to further the reader's understanding along with numerous examples and real-world problems The

book will be valuable for students at undergraduate and graduate levels in management and engineering schools, as well as for practitioners working in operations and supply chain management functions.

**Sustainable Supply Chain Management** -  
Evelin Krmac 2016-06-30

The book is a collection of studies dedicated to different perspectives of three dimensions or pillars of the sustainability of supply chain and supply chain management - economic, environmental, and social - and other aspects related to performance evaluation, optimization, and modelling of and for sustainable supply chain management, and thus presents another valuable contribution to sustainable development and sustainable way of life.

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.

### **Global Logistics and Supply Chain**

**Management** - John Mangan 2016-07-18

Think of the many different products and services that are purchased and consumed each day – how do they reach the end-user? What does this cost? What happens when something goes wrong? Logistics and Supply Chain Management (SCM) are the areas of study which help us to explore and answer these questions. Today they play a very important role in underpinning the success of many organisations across the public and private sectors and impact how we live our lives. While the origins of logistics and SCM are firmly embedded in the manufacturing domain, the successful applications of logistics

and SCM principles and practices are becoming increasingly relevant in the services area also – see for example, the many changes that have recently been driven into healthcare systems and airlines. Global Logistics and Supply Chain Management, now in its third edition, provides essential reading for anybody studying SCM and logistics. Encompassing both practical and strategic perspectives, it takes a truly global perspective, recognising the transnational nature of logistics activities in today's world. Key features of this new and extended third edition include: 18 up-to-date chapters on all aspects of logistics and SCM, including coverage of emerging and important topics such as security, technology and automation in logistics, supply chain data flows, logistics and the

internet of everything, sustainability, supply chain vulnerability and trade facilitation. New chapters include one on management science applications, which provides an easy and clear introduction to key quantitative techniques that can be applied to logistics and SCM. 12 updated case studies, including new case studies on air cargo, port-city logistics, automobile manufacturing logistics and logistics infrastructure appraisal.

**Supply Chain Management** - Nada R. Sanders 2020-11-24

Like no other text on the subject, *Supply Chain Management: A Global Perspective* provides a balanced and integrated perspective of both the foundational principles and pragmatic, business-oriented

functions of SCM. Highlighting the holistic and interconnected nature of SCM, this comprehensive volume addresses supply chain strategy, design, planning, controlling, management and more. The text features numerous real-world business examples that illustrate SCM best practices while helping students understand the complexities of SCM decision making. Now in its third edition, this well-respected text provides a global focus, cross-functional approach, and strong pedagogy. Clear, student-friendly chapters contain discussion questions, case studies, and examples designed to develop managerial thinking, explore key managerial issues, and bring difficult concepts to life. Detailed yet accessible coverage of topics including



operations management, sourcing, logistics, forecasting, demand planning, and sustainable supply chain management offers a realistic practitioner's view of SCM in the contemporary business landscape.

*Principles of Sustainable Project Management* - Mohamed Salama

2018-10-20

A unique approach to managing projects combining the principles of sustainable management theory with the currently established project management theory, in an applied context. Written by a team of international experts, it tackles issues such as digital transformation, smart cities, green project management, CSR and more.

Principles of Supply Chain Management: A Balanced Approach -

Joel D. Wisner 2014-12-10

Updated with the latest practices, trends, and developments from the field, **PRINCIPLES OF SUPPLY CHAIN MANAGEMENT: A BALANCED APPROACH, 4E** guides students step by step through the management of all supply chain activity while addressing real-world concerns related to domestic and global supply chains. Comprehensive, one-of-a-kind coverage encompasses operations, purchasing, logistics, and process integration. The text follows the natural flow through the supply chain--resulting in one of the most balanced approaches available. Well-organized chapters demonstrate the practical applications of supply chain management in today's workplace, and intriguing SCM Profiles provide abundant real-world business examples. In addition, the fourth edition includes revised and

expanded end-of-chapter questions and problems. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**Sustainable Logistics and Supply Chain Management** - David B. Grant  
2017

Get a comprehensive guide to the principles and practices of sustainable logistics operations, and responsible management of the entire supply chain.

**Green Supply Chain** - Tamás Bányai  
2021-09-22

The integration of eco-friendly aspects, tools and solutions into a conventional supply chain leads to environmentally friendly global processes in the manufacturing and service industry. This book offers a

selection of chapters that explain the impact of green supply chain solutions on value-making chains. The aim of this book is to help students at all levels as well as managers and researchers to understand and appreciate the concept, design and implementation of green supply chain solutions in the Industry 4.0 era.

Applications of Contemporary Management Approaches in Supply Chains - Hakan Tozan 2015-04-15

In today's rapidly changing business environment, strong influence of globalization and information technologies drives practitioners and researchers of modern supply chain management, who are interested in applying different contemporary management paradigms and approaches, to supply chain process. This book intends to provide a guide to

researchers, graduate students and practitioners by incorporating every aspect of management paradigms into overall supply chain functions such as procurement, warehousing, manufacturing, transportation and disposal. More specifically, this book aims to present recent approaches and ideas including experiences and applications in the field of supply chains, which may give a reference point and useful information for new research and to those allied, affiliated with and peripheral to the field of supply chains and its management.

*Efficiency in Sustainable Supply Chain* - Paulina Golinska-Dawson  
2016-11-04

The book focuses on efficiency analysis in enterprises and describes a broader supply-chain context to

support improved sustainability. The research and its outcomes presented here provide theoretical and empirical studies on efficiency analysis in the supply chain, including operational, economic, environmental and social aspects. This book sheds new light on the efficiency-assessment framework for practitioners and includes essential tips on how to improve the sustainability of supply-chains operations.

*Principles of Supply Chain Management*  
- Joel D. Wisner 2008-05-01

Streamline your studying and get the grade you want with PRINCIPLES OF SUPPLY CHAIN MANAGEMENT: A BALANCED APPROACH, Second Edition. With this textbook, you'll learn from real case studies, as well as games--like The Beer Game Supply Chain Management

Simulation--how to understand and apply supply chain management. The coverage in this text uses a broad brush to encompass OM, purchasing, and logistics with a supply chain management focus, covering a great deal of content that isn't currently available elsewhere. The book guides you through how all aspects of supply chain activity are accomplished effectively and efficiently. It brings you the real world of supply chain management. The authors break down supply chain issues into purchasing, operations, and logistics. This is one of the most-- if not the most--balanced supply chain management texts available, and it follows a natural flow through the

supply chain. The well-organized chapters include excellent case studies, demonstrating the practical application of supply chain management in the workplace. Profiles throughout the text reinforce the studies, and help to reinforce your learning. This second edition also includes a number of new cases, in addition to the previous 15 cases, all packaged on the Student CD. Each of the 14 chapters includes revised and updated Supply Chain Management in Action opening features, e-Business Connection features, Global Perspective features, and company examples to ensure that current supply chain management issues are covered in depth.