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Ethics and Sustainability in Global Supply Chain Management
Handbook of Research on Social and Organizational Dynamics in the Digital Era
The Lean Sustainable Supply Chain
Developing Sustainable Supply Chains to Drive Value, Volume II
Developing Sustainable Food Value Chains
Sustainable Business: Concepts, Methodologies, Tools, and Applications
Best Practices in Green Supply Chain Management
Emerging Applications in Supply Chains for Sustainable Business Development
Sustainable Supply Chain Management
Handbook of Research on Business Process Modeling
Developing Sustainable Supply Chains to Drive Value, Volume I
Sustainable Development Goals and Sustainable Supply Chains in the Post-global Economy
Surviving Supply Chain Integration
Sustainable Food Supply Chains
Developing Sustainable Supply Chains to Drive Value, Volume II
Exploring Themes and Challenges in Developing Sustainable Supply Chains
Implementing Triple Bottom Line Sustainability into Global Supply Chains
Global Perspectives on Green Business Administration and Sustainable Supply Chain Management
Sustainable Supply Chain Management
Developing Sustainable Supply Chains to Drive Value, Volume I
Supply Chain Sustainability and Raw Material Management: Concepts and Processes
Organizing Supply Chain Processes for Sustainable Innovation in the Agri-Food Industry
Emerging Applications in Supply Chains for Sustainable Business Development
Sustainable Supply Chain Management Webinar
Ethical and Sustainable Supply Chain Management in a Global Context
Applications of

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Contemporary Management Approaches in Supply Chains Supply Chain Sustainability Sustainable Supply Chain Management Collaborative Manufacturing Modelling the Enablers and Alternatives for Sustainable Supply Chain Management Supply Chain Sustainability Developing Sustainable Supply Chains to Drive Value Developing Sustainable Supply Chains for Healthcare Developing Sustainable Supply Chains to Drive Value Handbook of Research on Sustainable Supply Chain Management for the Global Economy Developing sustainable collaborative supply chains Themes and Challenges in Developing Sustainable Supply Chains Supply Chain Sustainability Purchasing and Supply Chain Management Sustainable Logistics and Supply Chain Management (Revised Edition)

The managed flow of goods and information from raw material to final sale also known as a "supply chain" affects everything--from the U.S. gross domestic product to where you can buy your jeans. The nature of a company's supply chain has a significant effect on its success or failure--as in the success of Dell Computer's make-to-order system and the failure of General Motor's vertical integration during the 1998 United Auto Workers strike. Supply Chain Integration looks at this crucial component of business at a time when product design, manufacture, and delivery are changing radically and globally. This book explores the benefits of continuously improving the relationship between the firm, its suppliers, and its customers to ensure the highest added value. This book identifies the state-of-the-art developments that contribute to the success of vertical tiers of suppliers and relates these developments to the capabilities that small and medium-sized manufacturers must have to be viable participants in this system. Strategies for attaining these capabilities through manufacturing extension centers and other

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technical assistance providers at the national, state, and local level are suggested. This book identifies action steps for small and medium-sized manufacturers--the "seed corn" of business start-up and development--to improve supply chain management. The book examines supply chain models from consultant firms, universities, manufacturers, and associations. Topics include the roles of suppliers and other supply chain participants, the rise of outsourcing, the importance of information management, the natural tension between buyer and seller, sources of assistance to small and medium-sized firms, and a host of other issues. Supply Chain Integration will be of interest to industry policymakers, economists, researchers, business leaders, and forward-thinking executives.

This book presents a collection of studies on current best practices for delivering sustainable development policies within supply chains. It critiques the limitations of existing business theory and practice on sustainable supply chain management, and discusses opportunities for new conceptual models for businesses to engage with Sustainable Development Goals (SDGs). It examines how businesses can work towards implementing Sustainable Development Goals in the contexts of entrepreneurial initiative, industry collaboration and regional development. SDGs renew the sustainable development agenda for global communities and ask businesses and organisations to reset their sustainable development policies. A strategy to embed sustainable development principles into business operations along the supply chain operations, which has been a conceptual and, in many instances, practitioner, business and industry achievement of the past decades, is not enough to shift the economic and social conditions of poor populations around the world. How would the global supply chains of the future look like? What social relations does it envisage? How will businesses and organisations engage with societies, environments

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and complex institutional contexts in emerging markets and developing countries, which are faced with issues of population growth, needed leaps in infrastructure provision, educational and health improvements, cultural and institutional shifts? The book challenges current approaches to sustainable supply chain practices guided by discussion on SDGs. It reviews implementation issues of existing sustainable development approaches, assesses the advancement of sustainable development strategies and examines the opportunities for global value chains to increase their positive social and environmental inputs in regions, communities and organisations. The book collects both conceptual and empirical studies set in a variety of business and organisational contexts, such as manufacturing, retail, procurement, cities and industrial parks. It contests the accepted axioms of sustainable practices in the global supply chains and proposes new models for organisations and production networks to engage with societies and address market and production effects on communities and institutions.

This book presents you with an integrated, business oriented treatment of sustainable supply chain management that explores why it is no longer enough for a firm to focus on sustainability within the four walls of the firm.

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

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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.

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.

Collaborative manufacturing is an interactive process with great potential, but without the direct input of the plant floor systems information, a significant piece of the management process is not available for consideration. Collaborative Manufacturing provides guidance and examples of how and why real-time events within the plant floor managemen

Sustainability is changing and changing rapidly. It is becoming more widespread as companies and customers uncover its power and attractiveness and sustainability also receiving more attention in the press. Support for sustainability lies within new tools, frameworks, and approaches. The authors capture these and other developments

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in this two volume second edition of Developing Sustainable Supply Chains. In the first volume, the authors assess major management opportunities; the second focuses on implementation; when combined the result is a complete, action-oriented treatment of sustainability. Written by two of the leading academic researchers in this area, this series introduces the reader, whether they are student, manager, or experienced sustainability advocate, to the various tools, frameworks, and approaches that work.

Supply chains are significant in improving business efficiency. Sustainable supply chains help industries enhance their ecological, monetary, and social performance. Innovative research frameworks as well as the modelling of sustainability issues are significant to different stakeholder's perspectives. This book guides researchers and practitioners through developing effective sustainable supply chains to meet UN Sustainable Development Goals (SDGs).

Heavy industrialization in the past few decades has caused several global environmental issues including poor air quality, climate change, and outdoor air pollution-related diseases. As such, consumer pressure coupled with strict governmental policies have influenced firms to adopt and implement green practices in their supply chain and business operations in order to improve socio-environmental sustainability. Global Perspectives on Green Business Administration and Sustainable Supply Chain Management is an essential reference book that discusses innovative green practices including recycling, remanufacturing, reduction in waste and adoption of renewable energy in manufacturing. It also examines environmentally friendly policies that have been adopted by many European and Western countries. Featuring coverage on a broad range of topics such as energy

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analysis, environmental protections, and logistics development, this book is ideally designed for managers, operations managers, executives, manufacturers, environmentalists, researchers, industry practitioners, academicians, and students.

Many fields are beginning to implement developing practices that prove to be more efficient and environmentally friendly compared to traditional practices. This holds true for the realm of business, as organizations are redesigning their operations through the incorporation of sustainable methods. Research is needed on the specific techniques companies are using to promote efficiency and improved effectiveness using sustainability. Handbook of Research on Sustainable Supply Chain Management for the Global Economy is an essential reference source that discusses the incorporation of sustainability in various facets of business management. Featuring research on topics such as disruptive logistics, production planning, and renewable energy sources, this book is ideally designed for researchers, practitioners, students, managers, policymakers, academicians, economists, scholars, and educators seeking coverage on sustainable practices in supply chains to ensure a cleaner environment.

Sustainable supply chain management, or the consideration of environmental and social impacts of multiple tiers of suppliers and firms that create a product or service, is becoming a key driver in market change. Organizations are increasingly thinking about how to measure the sustainability of their suppliers, developing sustainable purchasing practices, and redesigning products. As a result, some firms are finding new opportunities for competitive advantage, while many others are at risk of falling behind or being blindsided by new customer demands.

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This book provides a multi-perspective approach to sustainability and value chains to allow understanding from a variety of disciplines and professional backgrounds. Some of the key features of this book include: Short vignettes of important trends along with relevant management issues; Evidence-based management examples from leading multinational companies, small, and medium enterprises spanning supply chains; References to appropriate tools, emerging technology, and practices; Chapter action items for the reader to take a deeper look at integration opportunities involving sustainability and supply chain management; An action-learning approach to applying concepts and tools so readers from any functional perspective can implement and manage sustainability projects including; Guidelines on how to move forward with your first supply chain sustainability initiative.

Sustainable Food Supply Chains: Planning, Design, and Control through Interdisciplinary Methodologies provides integrated and practicable solutions that aid planners and entrepreneurs in the design and optimization of food production-distribution systems and operations and drives change toward sustainable food ecosystems. With synthesized coverage of the academic literature, this book integrates the quantitative models and tools that address each step of food supply chain operations to provide readers with easy access to support-decision quantitative and practicable methods. Broken into three parts, the book begins with an introduction and problem statement. The second part presents quantitative models and tools as an integrated framework for the food supply chain system and operations design. The book concludes with the presentation of case studies and applications focused on specific food chains. Sustainable Food Supply Chains: Planning, Design, and Control through Interdisciplinary Methodologies will be an indispensable

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resource for food scientists, practitioners and graduate students studying food systems and other related disciplines. Contains quantitative models and tools that address the interconnected areas of the food supply chain Synthesizes academic literature related to sustainable food supply chains Deals with interdisciplinary fields of research (Industrial Systems Engineering, Food Science, Packaging Science, Decision Science, Logistics and Facility Management, Supply Chain Management, Agriculture and Land-use Planning) that dominate food supply chain systems and operations Includes case studies and applications

Lean, green supply chain management combines the efficiency that lean technologies deliver with the environmental and cost benefits of sustainability. The Lean Sustainable Supply Chain illuminates the business benefits of combining "lean" and "green," and offers start-to-finish guidance for redesigning company infrastructure and technologies to achieve these benefits. Palevich introduces the essential concepts of lean green supply chain management, illuminating them with a comprehensive case study showing how to manage change, innovation, talent, execution, inventory, warehousing, and transportation. He demonstrates how to integrate supply chain sustainability into business scorecards; make more effective use of third-party providers (3PLs); drive more value from information; build a state-of-the-art forecasting system and share it with suppliers; and much more. He then systematically addresses the full spectrum of technical issues, including forecasting methodologies, the nitty-gritty of supplier integration; business intelligence in event-driven supply chains; carbon tracking; quantifying lean savings; and much more. This book will be an invaluable resource for every business and technical manager, decision-maker, technical specialist, and consultant concerned with lean and green supply chains.

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Sustainability is changing and changing rapidly. It is becoming more widespread as companies and customers uncover its power and attractiveness and sustainability also receiving more attention in the press. Support for sustainability lies within new tools, frameworks, and approaches. The authors capture these and other developments in this two volume second edition of Developing Sustainable Supply Chains. In the first volume, the authors assess major management opportunities; the second focuses on implementation; when combined the result is a complete, action-oriented treatment of sustainability. Written by two of the leading academic researchers in this area, this series introduces the reader, whether they are student, manager, or experienced sustainability advocate, to the various tools, frameworks, and approaches that work.

There has been a rapid growth in industrialization over the last few decades. This has in-turn lead to an increase in production and consumption of various goods. Industrialization at such a rapid pace has done a considerable amount of damage to the society and environment including depletion of natural resources, wastes generation during production, rising transport emissions and congestion, non-disposability of goods at the end of their product life-cycle, and stressful work environment for employees. These emerging issues have put forth the need for greater emphasis on sustainability issues and consequently development of sustainable supply chains to sustain this rapid economic growth while respecting environmental and social issues. In this thesis, we present a modeling framework to study the different enablers for sustainable supply chains, analyze their inter-relationships and propose alternatives for sustainable supply chain development. In the first step, a comprehensive literature review is performed to identify the enablers and provide insights on the triple bottom line concept (environment, social, economic)

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of sustainability. In the second step, Interpretative Structural Modelling is used to develop the relationship among various enablers for each dimension of sustainability. In the third and the last step, results of ISM are used as an input to Analytic Network Process along with potential list of alternatives to determine the best alternative(s) for developing sustainable supply chains. The proposed approach is novel and deals with an important problem of modeling enablers and alternatives for sustainable supply chain management. The results have strong practical applicability and can be adapted by organizations with least changes in their existing work structure.

Supply chains are significant in improving business efficiency. Sustainable supply chains help industries enhance their ecological, monetary, and social performance. Innovative research frameworks as well as the modelling of sustainability issues are significant to different stakeholder's perspectives. This book guides researchers and practitioners through developing effective sustainable supply chains to meet UN Sustainable Development Goals (SDGs).

Technology in the world today impacts every aspect of society and has infiltrated every industry, affecting communication, management, security, etc. With the emergence of such technologies as IoT, big data, cloud computing, AI, and virtual reality, organizations have had to adjust the way they conduct business to account for changing consumer behaviors and increasing data protection awareness. The Handbook of Research on Social and Organizational Dynamics in the Digital Era provides relevant theoretical frameworks and the latest empirical research findings on all aspects of social issues impacted by information technology in organizations and inter-organizational structures and presents the conceptualization of specific

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social issues and their associated constructs. Featuring coverage on a broad range of topics such as business management, knowledge management, and consumer behavior, this publication seeks to advance the practice and understanding of technology and the impacts of technology on social behaviors and norms in the workplace and society. It is intended for business professionals, executives, IT practitioners, policymakers, students, and researchers.

Aimed at policy-makers, project designers and field practitioners, this publication provides the conceptual foundation for a new set of FAO handbooks on sustainable food value chain development. It defines the concept of a sustainable food value chain, presents a development paradigm that integrates the concepts of sustainability and value addition, highlights ten guiding principles, and discusses the potential and limitations of the approach. In doing so, this handbook makes a strong case for placing sustainable food value chain development at the heart of any strategy aimed at reducing poverty and hunger.

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

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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.

Supply chain sustainability is increasingly recognized as a key component of corporate responsibility. Managing the social, environmental and economic impacts of supply chains, and combating corruption make good business sense. However, supply chains consist of continuously evolving markets and relationships. To navigate this complex terrain, this guide offers a few baseline definitions and practical steps that companies can take toward integrating sustainability into procurement strategies, using the United Nations Global Compact principles as the basis to work toward supply chain sustainability, and it includes numerous examples of good practice to illustrate the steps towards sustainable supply chain management.

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

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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.

In the increasingly competitive corporate sector, businesses must examine their current practices to ensure business success. By examining their social, financial, and environmental risks, obligations, and opportunities, businesses can re-design their operations more effectively to ensure prosperity. Sustainable Business: Concepts, Methodologies, Tools, and Applications is a vital reference source that explores the best practices that promote business sustainability, including examining how economic, social, and environmental aspects are related to each other in the company's management and performance. Highlighting a range of topics such as lean manufacturing, sustainable business model innovation, and ethical consumerism, this multi-volume book is ideally designed for entrepreneurs, business executives, business professionals, managers, and academics seeking current research on sustainable business practices.

As we enter the 21st Century, we find ourselves faced by two major developments. The first is emergence of the supply chain as a critical strategic and tactical weapon. As has been pointed out by many researchers, with the emergence of the supply chain, the unit of competition has shifted from the firm to the supply chain. However, with the advent of the supply chain, it is important to recognize that we have to view strategic objectives within a context that stresses not simply the internal

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operations of the firm but also the elements of the supply chain - elements that include the supplier base, customers, logistics linkages, and relationships, both visible and virtual. We are now coming to realize that the supply chain is no stronger than its weakest link. The second development is that of sustainability. This is more than simply being environmentally responsible. Rather, it is overall sustainability as measured in terms of the firm's ability to reduce waste, improve profitability, generating strategic competitive advantages, and ensure that it treats its employees well. Sustainability is increasingly becoming at a minimum an expectation and a requirement for doing business (i.e., an order qualifier) and under many conditions something that differentiates firms and makes them more attractive to potential critical consumers (i.e., an order winner). These two developments, while often treated as separate entities, are interrelated. It is this interrelationship that forms the major focus and thrust of this book. This book presents the reader with an integrated, business oriented treatment of sustainable supply chain management that explores why it is no longer enough for a firm to focus on sustainability within the four walls of the firm. Rather, in today's environment, sustainability must involve the supply chain in a deliberate and integrated fashion. To succeed with sustainability, a firm must ensure that this outcome is not only present within the firm but is also present within the supply chain. As the book will show, the market and consumers will punish those firms that promise sustainability but are not able to deliver on this promise because of problems in the supply chain.

"This book explores emerging new ideas and methodologies that are of common practical interest in the area of sustainable supply chain management. It provides

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real time case studies that will assist scientists and practitioners in decision-making, to handle their institutions problems and challenges specially in the new areas on remanufacturing"--

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.

This book provides a multi-perspective approach to sustainability and value chains to allow understanding from a variety of disciplines and professional backgrounds. Some of the key features of this book include: Short vignettes of important trends along with relevant management issues; Evidence-based management examples from leading multinational companies, small, and medium enterprises spanning supply chains; References to appropriate tools, emerging technology, and practices; Chapter action items for the reader to take a deeper look at integration opportunities involving sustainability and supply chain management; An action-learning approach to applying concepts and tools so readers from any functional perspective can implement and manage sustainability projects including; Guidelines on how to move forward with your first supply chain sustainability initiative.

This book explores the challenges of sustainable agri-food supply chains. It presents and discusses nine cases of organizational innovation, covering different phases of food production and facing different challenges, by proposing alternative

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models to the traditional paradigm of scale and leverage to design supply chain in these industries.

The global sustainability challenge is urgent, tremendous and increasing. From an ecological perspective, the current worldwide resource footprint requires approximately 1.5 planets to sustain existing life, and with current usage would require two planets by 2030. The social impact of ever-growing resource use disproportionately affects the world's poor – the 3 billion people living on less than \$2.50 a day, as they struggle to acquire what is needed to survive. The serious ecological and social challenges we face in trying to establish global sustainable supply chains must not be underestimated, yet so far research has largely ignored the social dimension in favour of the environmental and economic. So how can we develop business strategies that move away from a primary economic focus and give equal weight to people, planet and profit? How can we create sustainable supply chains that take a true triple-bottom-line approach? Implementing Triple Bottom Line Sustainability into Global Supply Chains features innovative research, highlighting new cases, approaches and concepts in how to successfully implement sustainability – covering economic, ecological and social dimensions – into global supply chains. The four parts cover the rationale for sustainable global supply chains, key enablers, case studies showing clear implementation steps, and directions for future research and development. This book is a must-read for any academic researching in sustainable supply chain management, procurement or business strategy, and for business leaders seeking cases that will inform a critical step forward for CSR programmes.

The global supply chain creates environmental and social burdens during different stages of production and distribution. Ethical and sustainable practices along the

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supply chain seek to minimize these burdens and ensure fair labor practices, lower emissions, and a cleaner environment. Ethical and Sustainable Supply Chain Management in a Global Context uses cases, qualitative studies, empirical results, and analyses of legal frameworks to focus on ethics and sustainability as they relate to the management of global supply chains. Featuring research on topics such as production planning, consumer awareness, and labor laws, this book is ideally designed for managers, policymakers, professionals, researchers, and students working in the field of sustainable development and related disciplines including marketing, economics, finance, operations management, supply chain management, environmental science, and waste management.

Many organizations find supply chain management an essential prerequisite to building a sustainable competitive edge for their services or products. While interest in SCM is enormous, lack of theoretical frameworks and real world applications often characterizes research in the field, and effective management of the supply chain remains elusive. Supply Chain Sustainability and Raw Material Management: Concepts and Processes is a comprehensive and up-to-date resource for operations researchers, management scientists, industrial engineers, and other business practitioners and specialists looking for systemic and advanced discussions of supply chain management. By presenting qualitative concepts, quantitative models, and case studies, this book is a coherent guide to creating long-term and sustainable performance for organizations who want to compete in the global market.

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

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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.

"This book aids managers in the transformation of organizations into world-class competitors through business process applications"--Provided by publisher.

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.

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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.

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