

Supply Chain Management Research Paper

"This book has compiled chapters from experts from around the world in the field of supply chain management and provides a vital compendium of the latest research, case studies, frameworks, methodologies, architectures, and best practices within the field of supply chain management"--Provided by publisher.
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

Green Supply Chain Management (GSCM) has been identified as an important research area in recent years.
Green environmental issues have drawn an attention of researchers and Supply Chain (SC) practitioners at micro and macro level.
Thirty six enablers to implement green supply chain management relevant to Indian manufacturing industry have been identified through extensive review of literature.
Questionnaire based survey has been conducted to indicate the significance and ranking of identified enablers.
With experts' opinions, identified thirty six enablers have been categorized in to eleven enablers based upon their nature.
Contextual relationships among these ten enablers have been indentified to further partition the levels.
Structural model of these factors has been formed using Interpretive Structural Modeling technique.
Further, Classification of these enablers depending upon their driving and dependence power has also been carried out by using Matrice d'Impacts Croises-Multiplication Appliqué a un Classement (MICMAC) analysis.
"International Environment Agreements" has been identified as most important enablers and pushing organizations to implement GSCM practices.
This paper may play vital role to understand contextual relationships among the enablers to implement Green Supply Chain Management in Indian manufacturing industry.

Industrial revolutions have impacted both, manufacturing and service.
From the steam engine to digital automated production, the industrial revolutions have conduced 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 it is 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.

Blockchain and Supply Chain Management

Foundations of Human Resource Development

International Supply Chain Management and Collaboration Practices

Research Methodologies in Supply Chain Management

Quantitative Models for Supply Chain Management

Sustainable Procurement is an emerging concept in supply chain and operations management. Manufacturing industries have made improvements in moving from cost-based to quality-based, and customer-focused supply chain management strategies. This is becoming an integrated component in the supply chain system, with players becoming aware of the regulations and needs of the customer. It is imperative for production firms to look at the procurement activity as one of the strategic enablers for sustaining the business in the competitive global environment. This book will provide industries with an understanding of the concepts related to sustainable procurement policies and its implementation. Provides decision and theory development models in sustainable procurement supply chains Includes contributions in all three major analytics: descriptive, predictive, and perspectives in the context of sustainable procurement supply chain Discusses new business models with suppliers and opportunities for co-branding Covers how to develop new tools to measure and allocate the gains from sustainable practices among stakeholders Analyses the science of translating data into meaningful and actionable insights

Imagine planning an event like the Olympics. Now imagine planning the same event but not knowing when or where it will take place, or how many will attend. This is what humanitarian logisticians are up against. Oversights result in serious consequences for the victims of disasters. So they have to get it right, fast.

The papers in Common Disciplines that Separate Us consider classic problems in decision sciences through new lenses, reflecting the crucial role of local contexts in a globally connected and standardized world. Presented at the Fourth Annual Conference of the European Decision Sciences Institute (EDSI) in 2013, this important research embraces the duality of globally determined local contexts, offering new insights into decision-making in all venues and sectors of society. This new volume's papers focus on optimizing decision-making related to: Strengthening national economic competitiveness Reforming the public sector and higher education Deploying information technology more effectively throughout government Making healthcare policy that achieves better outcomes at lower cost Analyzing social networks Improving processes via data visualization, modeling, and simulation Gaining more value from enterprise business intelligence Offshoring, nearshoring, "right shoring," and other key manufacturing decisions Improving supply chain performance And much more.--

This e-book asks: Is Supply Chain Management an emerging academic discipline? Supply Chain Management (SCM) has continued to grow in prominence within the field of Operations Management and also within the broader discipline of management. Practitioners have begun to adopt and adapt new techniques to supply management that improve firm performance. Organizations in both the public and private sectors are becoming increasingly aware of the pivotal role that SCM can play in their business success. This is a challenging special issue aimed at stimulating debate rather than providing a definiti.

E-Logistics and E-Supply Chain Management

Tourism Supply Chain Management

Supply Chain Management in the Big Data Era

Digital Transformation of Supply Chain Management

Value-added Supply Chain Management

Simulation for Industry 4.0

Due to an increased competitive condition in high-skilled supply markets, buying firms increasingly find themselves competing with their rivals for the best suppliers available in a certain field. Due to the scarcity of such suppliers, the latter may not dedicate their resources equally to all customers and become highly selective. As a consequence, buying firms start to recognize that it is essential for future success to secure their key suppliers' benevolence, as suppliers tend to grant their favourite customers a more preferential treatment than they concede to other customers. The research in this thesis is aimed at contributing to and expanding the academic knowledge on preferential customer treatment by suppliers. More specifically, it explores the benefits of preferential customer treatment by suppliers. Motivated by its relevance in practice, special emphasis is put on investigating the antecedents of preferential customer treatment and how suppliers' behaviour can be influenced by buying firms in a beneficial way. On a theoretical level, we deduce customer attractiveness, supplier satisfaction and preferred customer status as determinants of a suppliers' decision-making behaviour regarding the reward of preferential treatment to selected customers. On a more operational level, we identify the drivers of these determinants and show how customer attractiveness, supplier satisfaction and preferred customer status can be fostered by buyers. Through the quantitative and qualitative research performed throughout this dissertation, we researched deeper into the factors influencing supplier behaviour, and were able to unveil valuable results both for practice as well as for theory. This thesis provides a fruitful ground for further research and offers guidelines for buying firms on how to secure preferential treatment by suppliers and to create supply side-induced competitive advantages.

In the industrial world, companies are always seeking competitive advantages to sustain themselves in the globalized market. A supply chain is one of these improvements that managers implement in order to stay ahead of the competition. However, certain methods of supply chains add risks such as the addition of costs, possible accidents, and economic losses. Because of this, companies are looking for techniques in which to progress their supply chain execution. The Handbook of Research on Industrial Applications for Improved Supply Chain Performance is a pivotal reference source that identifies techniques, tools, and methodologies that can improve supply chain performance and enable businesses to generate a competitive advantage in the globalized market. While highlighting topics such as material flow, route optimization, and green distribution, this publication is ideally designed for managers, executives, logistics engineers, production managers, warehouse operations managers, board directors, consultants, analysts, inventory control managers, researchers, academicians, industrial and managerial professionals, practitioners, and students looking to improve costs and quality of supply chains.

Technological advancements in recent years have led to significant developments within a variety of business applications. In particular, data-driven research provides ample opportunity for enterprise growth, if utilized efficiently. Supply Chain Management in the Big Data Era is an authoritative reference source for the latest scholarly material on the implementation of big data analytics for improved operations and supply chain processes. Highlighting emerging strategies from different industry perspectives, this book is ideally designed for managers, professionals, practitioners, and students interested in the most recent research on supply chain innovations.

Blockchain and Supply Chain Management combines discussions of blockchain and supply chains, linking technologies such as artificial intelligence, Internet of Things, satellite imagery, and machine vision. The book examines blockchain's basic concepts, relevant theories, and its roles in meeting key supply chain objectives. The book addresses problems related to inefficiency, opacity, and fraud, helping the digitization process, simplifying the value creation process, and facilitating collaboration. The book is balanced between blockchain and supply chain application and theory, covering the latest technological, organizational and regulatory developments in blockchain from a supply chain perspective. The book discusses the opportunities, barriers, and enablers of blockchain in supply chain policy, along with legal and ethical implications. Supply chain management faces massive disruption with the dynamic changes in global trade, the impact of Covid-19, and technological innovation. Entire industries are also being transformed by blockchain, with some of the most promising applications in supply chain management. Provides theoretical and practical insights into both blockchain and supply chains Features numerous illustrative case studies, boxes, tables, and figures Examines blockchain's impacts on supply chains in four key industries: Food and beverage, healthcare, pharmaceuticals, and finance

Trends in Supply Chain Design and Management

Past, Present, and Future

A Framework for Implementing Analytics and Turning Information Into Intelligence

Technologies and Methodologies

Enabling of Green Supply Chain Management Implementation in Indian Manufacturing Industry

Quantitative Models for Value-Based Supply Chain Management

This new edition of Friedman's landmark book explains the flattening of the world better than ever- and takes a new measure of the effects of this change on each of us.

integration of components associated with developing new products, buying materials, transforming them, and shipping them to customers--these are among the topics explored in this book for business and engineering practitioners.

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 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.

SCM is a rapidly emerging paradigm that is transforming the organisation of business operations as firms seek ever new and innovative ways of finding the elusive mantra of competitive advantage. Little work to date has been undertaken on the creative sector. This e-book hopes to address this, by offering some interesting and informative exploratory work in different

areas of the sector. One aim was to offer some insights and lessons that could be drawn on by the wider business community.

Strategies for Small Manufacturers

Humanitarian Logistics

Identifying Benefits and Antecedents

Purchasing and Supply Management

Surviving Supply Chain Integration

Sustainable Procurement in Supply Chain Operations

Supply chain management (SCM) strives for creating competitive advantage and value for customers by integrating business processes from end users through original suppliers. However, the question of how SCM influences the value of a firm is not fully answered. Various conceptual frameworks that explain the coherence of SCM and company value, comprehended as value-based SCM, are well accepted in scientific research, but quantitative approaches to value-based SCM are found rather seldom. The book contributes to this research gap by proposing quantitative models that allow for assessing influences of SCM on the value of a firm. Opposed to existing models that limit the observation to chosen facets of SCM or selected value drivers, this holistic approach is adequate to • reflect configurational and operational aspects of SCM, • cover all phases of the product life cycle, • financially compare value impacts of profitability-related and asset-related value drivers, and • assess influences of dynamics and uncertainties on company value.

This work presents a comprehensive model of supply chain management. Experienced executives from 20 companies clearly define supply chain management, identifying those factors that contribute to its effective implementation. They provide practical guidelines on how companies can manage supply chains, addressing the role of all the traditional business functions in supply chain management and suggest how the adoption of a supply chain management approach can affect business strategy and corporate performance.

This work brings together some of the most up to date research in the application of operations research and mathematical modeling techniques to problems arising in supply chain management and e-Commerce. While research in the broad area of supply chain management encompasses a wide range of topics and methodologies, we believe this book provides a good snapshot of current quantitative modeling approaches, issues, and trends within the field. Each chapter is a self-contained study of a timely and relevant research problem in supply chain management. The individual works place a heavy emphasis on the application of modeling techniques to real world management problems. In many instances, the actual results from applying these techniques in practice are highlighted. In addition, each chapter provides important managerial insights that apply to general supply chain management practice. The book is divided into three parts. The first part contains chapters that address the new and rapidly growing role of the internet and e-Commerce in supply chain management. Topics include e-Business applications and potentials; customer service issues in the presence of multiple sales channels, varying from purely Internet-based to traditional physical outlets; and risk management issues in e-Business in B2B markets.

Master a complete, five-step roadmap for leveraging Big Data and analytics to gain unprecedented competitive advantage from your supply chain. Using Big Data, pioneers such as Amazon, UPS, and Wal-Mart are gaining unprecedented mastery over their supply chains. They are achieving greater visibility into inventory levels, order fulfillment rates, material and product delivery... using predictive data analytics to match supply with demand; leveraging new planning strengths to optimize their sales channel strategies; optimizing supply chain strategy and competitive priorities; even launching powerful new ventures. Despite these opportunities, many supply chain operations are gaining limited or no value from Big Data. In Big Data Driven Supply Chain Management, Nada Sanders presents a systematic five-step framework for using Big Data in supply chains. You'll learn best practices for segmenting and analyzing customers, defining competitive priorities for each segment, aligning functions behind strategy, dissolving organizational boundaries to sense demand and make better decisions, and choose the right metrics to support all of this. Using these techniques, you can overcome the widespread obstacles to making the most of Big Data in your supply chain -- and earn big profits from the data you're already generating. For all executives, managers, and analysts interested in using Big Data technologies to improve supply chain performance.

Preferential Customer Treatment by Suppliers

Supply Chain and Logistics Management

Best Papers from the 2013 Annual Conference

Insights from Academia and Practice

Supply Chain Management

The Emergence of an Academic Discipline?

Purpose: This paper aims to participate in answering the following research question: Will blockchain become the norm in supply chain management? Valuable insights from academia and industry about the use of blockchain technology in supply chain management are presented. Design/methodology/approach: I review the literature that mainly examined the use of blockchain technology in supply chain management from 2008 to 2020. Additionally, I explore two blockchain projects: Nimble and Carrefour. Findings: The mainstream research on the use of blockchain technology in supply chain management exhibits a positive trend. This study shows that relevant academic research increased by 174% in only 11 months (from February 2018 to January 2019). Countries and supply chains, to the same extent, are making bold moves toward using blockchain on a large scale. The European Commission, for example, funded a project to create a federated, multi-sided business ecosystem based on cloud services. The project developed a platform, named Nimble, to enable supply chain logistics to benefit from internet platforms and blockchain services. In another example, Carrefour has implemented blockchain in nine sectors (chicken, tomatoes, eggs, oranges, etc.) with a target of 300 sectors by 2022. Originality/value: Although this area of research becomes incessantly extensive, there is confusion regarding what type of blockchain or what part of the supply chain is addressed. This paper emphasizes some essential points to deal with much of the dubiety under consideration.

The Fourteenth Edition of Purchasing and Supply Management provides a comprehensive introduction to the purchasing and supply chain management field, supported by over 40 case studies. Cases cover purchasing and supply chain issues in a variety of settings, from process industries to high tech manufacturing and services as well as public institutions. The text focuses on decision making throughout the supply chain. Based on the conviction that supply managers, in concert with suppliers and distributors, have to contribute to organizational goals and strategies, this edition continues to focus on how to make that mission a reality.

This edited book describes new trends in supply chain design and management with an emphasis on technologies and methodologies. It contains guidelines detailing the real-world applications of these technologies and methodologies. This book is of interest to researchers and practitioners and can also be used as a reference handbook by lecturers and postgraduate students in this field.

Supply Chain Management (SCM) has always been an important aspect of an enterprise's business model and an effective supply chain network is essential to remaining competitive in a global environment. By properly managing the flow of goods and services, businesses can operate more efficiently while managing most of the workload behind-the-scenes. The Handbook of Research on Global Supply Chain Management is an in-depth reference source that covers emerging issues and relevant applications of information pertaining to supply chain management from an international perspective. Featuring coverage on topics such as the global importance of SCMs to strategies for producing an effective supply chain, this comprehensive publication is an essential resource for academics and business professionals alike interested in uncovering managerial insight and logistics solutions.

Logistics and Supply Chain Management

Research in the Decision Sciences for Global Business

Handbook of Research on Industrial Applications for Improved Supply Chain Performance

Big Data Driven Supply Chain Management

Introduction to Supply Chain Management

Blockchain Technology Between Nakamoto and Supply Chain Management

Seminar paper from the year 2013 in the subject Business economics - Trade and Distribution, grade: B, The University of Liverpool, language: English, abstract: In the past few years, we have witnessed several developments in each and every area of life. The development in the technology and introduction of new way outs have influenced all the areas of business and the supply chain of an organization as well. The markets are now not limited to the boundary of a single country but they are establishing themselves on a global level. Due to globalization, organizations have planned to redefine their supply chain management policies due to a huge incline in the demand and supply of products and services globally. Along with the profits to getting global, there are many risks faced by the supply chain of an organization. These risks can be man-made risks or natural calamities. Interruption in delivery of raw material, fluctuating prices in the market and rapid increase in the demand of the customer are also considered as supply chain risks. To operate the business effectively by delivering the product or service to the customers on right time and right place is the main goal of every business (Mentzer et al., 2001) To achieve this goal, a business should implement some strategies to manage the risk that are involved in the supply chain. There are many approaches suggested by the researches in order to manage and mitigate the supply chain risks. This paper is an attempt to gather knowledge about the approaches used in managing the supply chain risks. These approaches are discussed in this paper and a critical analysis of them is also conducted. In the end of this paper, some recommendations about the approaches is also given that may help in the future research of the risk management strategies.

Fierce global competition in the tourism industry is now focused on integral parts of supply chains rather than on individual firms. The highly competitive environment has forced tourism firms to look for ways to enhance their competitive advantage. Tourism products are often viewed by consumers as a value-added chain of different service components and identifying ways to effectively manage the interrelated tourism business operations will enable tourism firms to better meet customer needs and accomplish business goals thus maintaining competitive advantage over their equally efficient rivals. This significant and timely volume is the first to apply supply chain management theories and practices in the context of tourism. By doing so the book offers insight into the relationships between tourism enterprises, how coordination across organizations can be effectively achieved and how business performance can be improved. It provides comprehensive and systematic coverage of modern supply chain management concepts and methodologies applied to the tourism and hospitality industries. The text covers key issues and principles including: marketing and product development, demand forecasting, supplier selection and management, distribution channels, capacity management, customer relationship management, tourism supply chain competition and coordination, and e-tourism. The book combines essential theory and comparative international examples based on primary research to show challenges and opportunities of effective tourism supply chain management. This text is essential for final year undergraduate and postgraduate students studying Tourism Management, Tourism Planning and Tourism Economics.

This book is a collection of chapters on issues we face today in the world of supply chain management. While there are a number of college textbooks related to specific areas within logistics and supply chain issues, there are very few general supply chain management "trends" books. Contemporary Issues in Supply Chain Management and Logistics consists of seven dynamic, current and informative chapters that cover a variety of cutting-edge supply chain topics of use to both graduate students, and professionals working in the field. The book contains new, original research papers written by academics from the fields of engineering, transportation, marketing, and supply chain management and logistics.

Handbook of Research on Global Supply Chain ManagementGI Global

Supply Chain Management. A discussion about managing supply chain risks

The World Is Flat [Further Updated and Expanded; Release 3.0]

A Brief History of the Twenty-first Century

Designing and Implementing Global Supply Chain Management

Easyread Comfort Edition

Handbook of Research on Global Supply Chain Management

'Supply Chain Management' illustrates the key drivers of good supply chain management in order to help students understand what creates a competitive advantage. It also provides strong coverage of analytic skills so that students can gauge the effectiveness of the techniques described.

"This book explores the creation of integrated supply chains, the developments of virtual business, and the processes of re-engineering for business development"--Provided by publisher.

Business practices are constantly evolving in order to meet growing customer demands. By implementing fresh procedures through the use of new technologies, organizations are able to remain competitive and meet the expectations of their customers. Designing and Implementing Global Supply Chain Management examines how various organizations have re-engineered their business processes in an effort to accommodate new innovations and remain relevant in a highly competitive global marketplace. Highlighting the creation of integrated supply chains and the emergence of virtual business communities, this publication is an appropriate reference source for students, researchers, and practitioners interested in trending approaches to external business functions used to efficiently respond to growing customer demands.

For research in all subjects and among different philosophical paradigms, research methodologies form one of the key issues to rely on. This volume brings a series of papers together, which present different research methodologies as applied in supply chain management. This comprises review oriented papers that look at what kind of methodologies have been applied, as well as methodological papers discussing new developments needed to successfully conduct research in supply chain management. The third group is made up of applications of the respective methodologies, which serve as examples on how the different methodological approaches can be applied. All papers have undergone a review process to ensure their quality. Therefore, we hope that this book will serve as a valid source for current and future researchers in the field. While the workshop on "Research Methodologies in Supply Chain Management" took place at the Supply Chain Management Center, Carl von Ossietzky University in Oldenburg, Germany, it is based on a collaboration with the Supply Chain Management Group of the Department of Operations Management at the Copenhagen Business School and the Department of Production Management at the Vienna University of Economics and Business Administration. We would like to thank all those who contributed to the workshop and this book.

Information Technologies, Methods, and Techniques of Supply Chain Management

Strategy, Planning, and Operation

Contemporary Issues in Supply Chain Management and Logistics

Supply Chain Management: Models, Applications, and Research Directions

Supply chain services and sustainability : a review of service provision in supply chains an in-depth analysis of the sustainability of third-party logistics services

Logistics 4.0

The book shows how simulation's long history and close ties to industry since the third industrial revolution have led to its growing importance in Industry 4.0. The book emphasises the role of simulation in the new industrial revolution, and its application as a key aspect of making Industry 4.0 a reality – and thus achieving the complete digitisation of manufacturing and business. It presents various perspectives on simulation and demonstrates its applications, from augmented or virtual reality to process engineering, and from quantum computing to intelligent management. Simulation for Industry 4.0 is a guide and milestone for the simulation community, as well as those readers working to achieve the goals of Industry 4.0. The connections between simulation and Industry 4.0 drawn here will be of interest not only to beginners, but also to practitioners and researchers as a point of departure in the subject, and as a guide for new lines of study.

Quantitative models and computer-based tools are essential for making decisions in today's business environment. These tools are of particular importance in the rapidly growing area of supply chain management. This volume is a unified effort to provide a systematic summary of the large variety of new issues being considered, the new set of models being developed, the new techniques for analysis, and the computational methods that have become available recently. The volume's objective is to provide a self-contained, sophisticated research summary - a snapshot at this point of time - in the area of Quantitative Models for Supply Chain Management. While there are some multi-disciplinary aspects of supply chain management not covered here, the Editors and their contributors have captured many important developments in this rapidly expanding field. The 26 chapters can be divided into six categories. Basic Concepts and Technical Material (Chapters 1-6). The chapters in this category focus on introducing basic concepts, providing mathematical background and validating algorithmic tools to solve operational problems in supply chains. Supply Contracts (Chapters 7-10). In this category, the primary focus is on design and evaluation of supply contracts between independent agents in the supply chain. Value of Information (Chapters 11-13). The chapters in this category explicitly model the effect of information on decision-making and on supply chain performance. Managing Product Variety (Chapters 16-19). The chapters in this category analyze the effects of product variety and the different strategies to manage it. International Operations (Chapters 20-22). The three chapters in this category provide an overview of research in the emerging area of International Operations. Conceptual Issues and New Challenges (Chapters 23-27). These chapters outline a variety of frameworks that can be explored and used in future research efforts. This volume can serve as a graduate text, as a reference for researchers and as a guide for further development of this field.

Key Features:Various stages, process cycles, strategies involved in SCM highlighted. Logistics emphasised as a crucial function of SCM. Dynamic flow of material, information and finance discussed as essentials of SCM. Drivers and obstacles of SC discussed. SC evaluated in terms of efficiency.About the Book:The book entitled "Supply Chain and Logistics Management" is intended to explain the concept of SCM and its application in the working of corporate world. Numerous strands of SCM such as SCM and its background, Supply Chain Strategies, Strategic fit in Supply Chain, Planning Demand and Supply, Inventory Management, Cycle Inventory and Economics of Scale, Network Design and Modes of Transportation, Coordination in a Supply Chain, Role of IT in SCM, Logistics Process, Global Supply Chain Management, Reverse Supply Chains, and Advances in SCM are exhaustively discussed to provide readers with the bird's eye view of the SCM which is one of the thematic areas in operation management. The text will be useful to undergraduate, postgraduate students and research scholars.

Exploring Supply Chain Management in the Creative Industries

Strategic Supply Chain Management: The Five Core Disciplines for Top Performance, Second Edition

Supply Chain Management Theory and Practice

