Supply Chain Risk Management Vulnerability And Resilience In Logistics

How the best companies prepare for and manage modern vulnerabilities—from cybersecurity risks to climate change: new tools, processes and organizations for developing corporate resilience. A catastrophic earthquake is followed by a tsunami that inundates the coastline, and around the globe manufacturing comes to a standstill. State-of-the-art passenger jets are grounded because of a malfunctioning part. A strike halts shipments through a major port. A new digital device decimates the sales of other brands and sends established firms to the brink of bankruptcy. The interconnectedness of the global economy today means that unexpected events in one corner of the globe can ripple through the world's supply chain and affect customers everywhere. In this book, Yossi Sheffi shows why modern vulnerabilities call for innovative processes and tools for creating and embedding corporate resilience and risk management. Sheffi offers fascinating case studies that illustrate how companies have prepared for, coped with, and come out stronger following disruption—from the actions of Intel after the 2011 Japanese tsunami to the disruption in the “money supply chain” caused by the 2008 financial crisis. Sheffi, author of the widely read The Resilient Enterprise, focuses here on deep tier risks as well as corporate responsibility, cybersecurity, long-term disruptions, business continuity planning, emergency operations centers, detection, and systemic disruptions. Supply chain risk management, Sheffi shows, is a balancing act between taking on the risks involved in new products, new markets, and new processes—all crucial for growth—and the resilience created by advanced risk management.

The new volume, edited by Wolfgang Kersten and Thorsten Blecker, offers the most important perspectives on supply chain risk management. The contributions written by named experts provide actual information about workable approaches for supply chain risk management, analyses of supply chain risks, identification of key risk factors for logistics outsourcing, assessment of the uncertainty of delivery. With this book readers will gain central insights how to handle approaches for supply chain risk management within their business. They will learn how to manage risks effectively to build leaner supply chains with a maintainable risk exposure for all partners in industry and services.

Increasingly, top executives view supply markets as sources of competitive advantage and as means of achieving strategic objectives. Procurement is the management activity that makes this happen, and this process depends on a superior risk management capability if it is effective. Yet, despite its importance, Procurement Risk Management is surprisingly under-developed. Recent Global Risk surveys have pinpointed Supply Chain Vulnerability as one of the four key global risks for the next decade. What is less well known is that this is only half of the story ... risk exposures also exist inside the company and can be just as damaging. No company is an island; it needs suppliers as well as customers. Conventional wisdom puts great emphasis on managing certain aspects of business such as customers; operations; strategy and finances. Typically, however, much less regard is paid to external suppliers and the risks present in dealing with them. As a minimum, suppliers are the sources of materials, services and expert attention which enable the company to feed its business model. When done well, a risk-aware procurement process provides the bonus of competitive advantage, with the ability to capitalise, on the occurrence of unexpected events. This short guide explains just how to do it. Each chapter explores the topic in hand, outlines the risks and the remedies available and offers guidance on the principles and risk prevention.

Managing Supply Chain Risk and Vulnerability, a book that both practitioners and students can use to better understand and manage supply chain risk, presents topics on decision making related to supply chain risk. Leading academic researchers, as well as practitioners, have contributed chapters focusing on developing an overall understanding of risk and its relationship to supply chain performance; investigating the relationship between response time and disruption impact; assessing and prioritizing risks; and assessing supply chain resilience. Supply chain managers will find Managing Supply Chain Risk and Vulnerability a useful tool box for methods they can employ to better mitigate and manage supply chain risk. On the academic side, the book can be used to teach senior undergraduate students, as well as graduate-level students. Additionally, researchers may use the text as a reference in the area of supply chain risk and vulnerability.

You don’t have to outrun the bear ... you just have to outrun the other guy. Often in business we only have to run a bit faster than our competitors to be successful. The same is true in risk management. While we would always like to anticipate and prevent risk from happening, when risk events do occur being faster, flexible, and more responsive than others can make a world of difference. Supply Chain Risk Management: An Emerging Discipline gives you the tools and expertise to do just that. While the focus of the book is on how you can react better and faster than the others, the text also helps you understand how to prevent certain risks from happening in the first place. The authors detail a risk management framework that helps you reduce the costs associated with risk, protect your brand and reputation, ensure positive financial outcomes, and develop visible, predictable, resilient, and sustainable supply chains. They provide access to a cloud-based, end-to-end supply chain risk assessment “Heat Map” that illustrates the maturity of the chain through the various stages. It should not come as a surprise to anyone that the world is a riskier place than it was just 15 years ago. A survey used to calculate the Allianz Risk Barometer recently concluded for the first time that supply chain risk is now the top concern of global insurance providers. For most organizations this new reality requires major adjustments, some of which will not be easy. This book helps you understand the emerging discipline called supply chain risk management. It explains the relevant concepts, supplies a wide variety of tools and approaches to help your organization stay ahead of its competitors, and takes a look at future directions in risk management—all in a clear, concise presentation that gives you practical advice and helps you develop actionable strategies.

“This book deals with risk management in enterprise network formations, stressing the importance of risk management in enterprises organized in networks followed by the presentation of the researcher suggested approaches which most of the time emphasizes in a supply chain”--Provided by publisher.

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.

In today's business environment, the coordination of Just-in-Time (JIT) production and transportation to grante timely delivery to distributed customers is one of the most challenging aspects of Just-in-Time supply chain management. Many risk factors, e.g., natural and man-made disasters make JIT supply chains more vulnerable, effective applications for analyzing and understanding appropriate Just-in-Time supply chain risk management are now attracting much attention. JIT supply chains disruptions now seem to occur more frequently and with more serious consequences, e.g., lost revenue and high recovery cost, during and after the disruptions. The objective of this research is to help supply chain managers become more capable of measuring and managing supply chain vulnerability, and therefore reduce the number of disruptions and their impact. In this research, risk management of JIT supply networks against disruption has been studied and insights in assessing the vulnerability of JIT supply chains are analyzed through a comparison of the effectiveness of different risk mitigation strategies.

The book examines a relatively unexplored issue in supply chain risk management, which is how long companies specifically take to respond to catastrophic events of low probability but high impact. The book also looks at why such
supply chain disruptions are unavoidable, and consequently, all complex supply chains are inherently at risk. The book illustrates how companies can respond to supply chain disruptions with faster responses and in shorter lead-times to reduce impact. In reducing total response time, designing solutions, and deploying a recovery plan sooner after a disruption in anticipation of such events, companies reduce the impact of disruption risk. The book also explores the basics of multiple-criteria decision-making (MCDM) and analytic hierarchy process (AHP), and how they contribute to both the quality of the financial economic decision-making process and the quality of the resulting decisions. The book illustrates through cases in the construction sector how this industry has become more complex and riskier due to the diverse nature of activities among global companies.

Containing the most influential papers from the International Symposium on Logistics, Developments in Logistics and Supply Chain Management demonstrates the evolution in logistics and supply chain management since the 1990s. What are the cyber vulnerabilities in supply chain management? How can firms manage cyber risk and cyber security challenges in procurement, manufacturing, and logistics? Today it is clear that supply chain is often the core area of a firm's cyber security vulnerability, and its first line of defense. This book brings together several experts from both industry and academia to shine light on this problem, and advocate solutions for firms operating in this new technological landscape. Specific topics addressed in this book include: defining the world of cyber space, understanding the connection between supply chain management and cyber security, the implications of cyber security and supply chain risk management, the 'human factor' in supply chain cyber security, the executive view of cyber security, cyber security considerations in procurement, logistics, and manufacturing among other areas.

This book presents innovative theories, methodologies, and techniques in the field of risk management and decision making. It introduces new research developments and provides a comprehensive image of their potential applications to readers interested in the area. The collection includes: computational intelligence applications in decision making, multi-criteria decision making under risk, risk modelling, forecasting and evaluation, public security and community safety, risk management in supply chain and other business decision making, political risk management and disaster response systems. The book is directed to academic and applied researchers working on risk management, decision making, and management information systems.

This book "Risk Management Treatise for Engineering Practitioners" has been published by academic researchers and experts on risk management concepts mainly in the construction engineering sector. It addresses basic theories and principles of risk management backed up, in most cases, with case studies. The contributions for this book came from authors in Europe, the Far East and Africa, and it is hoped that the contents of this book will be useful to anyone interested in understanding the principles and applications of risk management, especially within the construction engineering sector. Researchers and postgraduate students in science and engineering disciplines, especially those interested in project management, will find this book useful.

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

This book covers important issues related to managing supply chain risks from various perspectives. Supply chains today are vulnerable to disruptions with a significant impact on firms' business and performance. The aim of supply chain risk management is to identify the potential sources of risks and implement appropriate actions in order to mitigate supply chain disruptions. This book presents a set of models, frameworks, strategies, and analyses that are essential for managing supply chain risks. As a comprehensive collection of the latest research and most recent cutting-edge developments on supply chain risk and its management, the book is structured into three main parts: 1) Supply Chain Risk Management; 2) Supply Chain Vulnerability and Disruptions Management; and 3) Toward a Resilient Supply Chain. Leading academic researchers as well as practitioners have contributed chapters, combining theoretical findings and research results with a practical and contemporary view on how companies can manage the supply chain risks and disruptions, as well as how to create a resilient supply chain. This book can serve as an essential source for students and scholars who are interested in pursuing research or teaching courses in the rapidly growing area of supply chain risk management. It can also provide an interesting and informative read for managers and practitioners who need to deepen their knowledge of effective supply chain risk management.

This book offers an introduction to structural dynamics, ripple effect and resilience in supply chain disruption risk management for larger audiences. In the management section, without relying heavily on mathematical derivations, the book offers state-of-the-art concepts and methods to tackle supply chain disruption risks and designing resilient supply chains in a simple, predictable format to make it easy to understand for students and professionals with both management and engineering background. In the technical section, the book constitutes structural dynamics control methods for supply chain management. Real-life problems are modelled and solved with the help of mathematical programming, discrete-event simulation, optimal control theory, and fuzzy logic. The book derives practical recommendations for management decision-making with disruption risk in the following areas: How to estimate the impact of possible disruptions on performance in the pro-active stage? How to generate efficient and effective stabilization and recovery policies? When does one failure trigger an adjacent set of failures? Which supply chain structures are particular sensitive to ripple effect? How to measure the disruption risks in the supply chain? This is a carefully developed work focused on the analysis of supply chain interaction issues in emerging markets and industry sectors. It is a leading-edge handbook that will emphasize areas of study where, thus far, little work has been done and where the "rubber meets the road" – the supply chain process, information, and systems integration. These are pertinent issues facing practitioners and researchers in today's business environment. This is a gap-bridging handbook that analyzes interaction issues from both the research and practitioner sides. The result is a volume that examines and provides practical solutions on interaction issues while being firmly grounded in research principles. This book investigates individual companies' and industries' supply chain risk management approaches to identify risk drivers and verify effective risk-reduction measures and business continuity plans. Typically, supply chain risk assessments focus on normative guidelines.
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based on single best practice examples or vulnerability and events, and there has been little work exploring how the concepts of supply chain risk management and resilience are related. However, since this relationship has implications for developing integrated response strategies, a clear understanding of the possible consequences is a fundamental step in building socio-economic resilience along the supply chain. Against this background, the book addresses three main topics: firstly, it defines the conceptual and sectoral domains of supply chain risk management and resilience by examining the welfare effects of extreme weather events and other economic shocks on selected global supply chains. It then presents an in-depth analysis of the scope of public–private partnerships to tackle the risks, by empirically exploring supply chain risk effects and information management. Thirdly, it proposes a regional cooperation framework in the context of major supply chain vulnerability events such as disasters and global financial crises.

The impact of technological change, globalization, information and communication technologies and international governmental intervention has radically altered supply chain strategies, operations and risk profiles for most organizations. The challenge facing business and researchers alike is how best to address risk management in this new context. This collection, written by international scholars from the UK, US and Scandinavia, addresses this need by providing the first topical review of these developments and the latest research findings. The findings represent a robust cross-disciplinary view of supply chains, articulating policies and strategies for organizations. The research studies are based on empirical case studies within services and manufacturing in both large and SME organizations. This work is intended to provide the foundation for future research in this expanding area and the impact it has on managing risk within the supply chain.

Managing Supply Chain Disruptions categorizes and review the substantive research contributions relating to managing supply chain disruptions. With a primary emphasis on formulating directions for future research, the authors focus on significant research and practical findings. Managing Supply Chain Disruptions reviews the general area of supply chain disruptions and examine classifications of disruptions which can be used to provide insights into the disruption management process. It reviews the literature in the emerging field of disruption risk management which attempts to identify specific risks associated with supply chain disruptions. This is followed by a review of conceptual/empirical research with a focus on providing general insights into how one or more organizations have managed the risk associated with disruptions. Given that designing robust supply chain networks are a key feature of managing disruption risk, the authors examine the relevant research in this domain. A detailed analysis of prior research targeted at managing specific risks (e.g., product, supply, operations/process, and transportation risks) is presented, and finally, directions for future research are discussed.

“Supply Chain Risk Management is an issue that many companies face and yet few companies know how to deal with it in a systematic and peripheral to the field of supply chains. 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. "Supply Chain Risk Management is an issue that many companies face and yet few companies know how to deal with it in a systematic and
pragmatic manner. While avoiding and reducing supply chain risks are certainly preferable, developing ways to restore and stabilize supply chain operations rapidly after a major disruption is critical for managing global supply chains. Sodhi and Tang present important concepts, frameworks, strategies, and analyses that are essential for managing supply chain risks. Not only does this book suggest some practical ways to work with different partners to manage the risks that are present in a global supply chain, it creates a framework that would enable practitioners to engage researchers to work on this important area.” —Thomas A. DeBrowski, Executive Vice President, Worldwide Operations, Mattel, Inc. “When a firm outsources its operations to external suppliers, the firm is vulnerable to major and rare disruptions that can occur at any link in the global supply chain. Because these disruptions rarely occur, few firms take commensurable actions to identify, assess, mitigate and respond to various types of supply chain risks. By introducing frameworks and concepts along with several case studies and a review of academic literature, Sodhi and Tang treat this important subject with practical relevance and academic rigor. This book will bring practitioners and researchers to develop effective and efficient ways to manage supply chain risks.” —Marshall L. Fisher, UPS Professor, Professor of Operations and Information Management and Co-Director of Fishman-Davidson Center for Service and Operations Management, The Wharton School, University of Pennsylvania “This book ties observations in practice to methodologies and research. The rich case examples illustrated approaches and methodologies used to mitigate risks, and in the course of doing so, Sodhi and Tang provided insights on existing and new research opportunities. As a result, this book is highly relevant to both practitioners and academics. Also, the book is also written with management lessons on how risks can be mitigated, and how risks can be contained once disruptions have occurred. As such, it is also a book for management to gain insights and to develop management skills.” —Hau L. Lee, Thoma Professor of Operations, Information and Technology and Director of the Stanford Global Supply Chain Management Forum, Graduate School of Business, Stanford University “As companies have extended their supply chains globally and as the face increasing resource issues, they face a number of new risk challenges. While there are various case studies written about supply chain risks, this book gives a comprehensive treatment of the subject with clarity. The concepts and frameworks developed by Sodhi and Tang in this book would create awareness of this important and yet not well understood subject, and strategies described in this book would stimulate practitioners to develop a holistic approach for identifying, assessing, mitigating, and responding to different types of supply chain risks.” —Nick Wildgoose, Global Supply Chain Proposition Manager, Zurich Insurance?

Master's Thesis from the year 2018 in the subject Business economics - Supply, Production, Logistics, grade: 1.5, University of Applied Sciences Fulda, language: English, abstract: The problem of visibility of business processes and the handling of unexpected events, portrays the current challenges involved in supply chain management. The purpose of this thesis is to analyze the sap event management software and its ability to mitigate risks and issues involved in supply chain management. More so, the contribution of SAP EM to the effective functioning of a company in its supply chain network environment will be described. This Thesis is a literature research work, being done as a partial prerequisite for obtaining a Master of Art in Supply Chain Management at the Fulda University of Applied Sciences. This thesis will strive to answer the following questions: How sap event management tool helps in managing risk in supply chain management? How does SAP event management tool help companies to handle the challenges of today's business environment? Whether SAP event management is a type of track and trace instrument or not?

Internal and external forces such as globalization, global interconnectivity, automation, and other technological advancements are making today’s supply chains highly sophisticated and complex. For organizations that produce, manufacture or distribute products, there’s often a high level of interdependence and connectivity with their suppliers and their customers and business partners. Although the interconnectedness of these organizations can be beneficial (increased revenues, expanded market opportunities, and cost reduction), the ability of organizations to meet their goals is often increasingly dependent on events, processes, and controls that are not visible and are often beyond their control—such as a supplier’s controls. That’s why the demand for transparency in supply chains is now higher than ever before, and why this is the perfect time for you to help organizations assess their supply chain risks, evaluate the system controls within their manufacturing, production, or distribution systems, and communicate their supply chain management efforts to those with whom they do business. Accountants and financial managers can also increase the credibility of the supply chain information communicated by the organization by providing an opinion on the organization’s supply chain efforts. This guide enables the accountant and financial manager to examine and report on the description of a system for manufacturing, producing and distributing goods as well as on the controls within that system using a dynamic, proactive, and agile approach. It will show how to conduct this examination in accordance with the attestation standards. The guide may also be helpful when providing readiness assessments to clients, who are not quite ready for an examination level service and need help to get there. The guide also includes excerpts from the two new sets of criteria developed by the AICPA to assist practitioners with SOC for Supply Chain engagements: the description criteria and the 2017 trust services criteria. Dr. Melissa Vogt considers the influence of Rainforest Alliance and Fairtrade in coffee farming communities of Costa Rica from 2009-2019. Sustainability certifications schemes are working amongst a range of sustainability efforts, unique by their intramarket location. The intentions of each certification scheme must be clarified prior to evaluation and their influence considered amongst contextually specific historic and contemporary considerations, and alongside the range of sustainability efforts. The advantages and disadvantages, opportunities for improvement and how alternative mechanisms might improve upon or complement sustainability certification schemes are explained. An epilogue considers how prioritisation of coffee as a cash crop may align with sustainability. The influence on biodiversity, community health and income, and the possible implication of reduced coffee crop density for consumers, the market and farming landscapes is considered. How sustainability standards might better encourage more ambitious sustainability in farming landscapes is for future consideration. Stories from Nokia, Dell, UPS, Toyota, and other companies show how firms can reduce their vulnerability to high-impact distributions, from earthquakes to strikes, from SARS to terrorism, and use them for competitive advantage. What happens when fire strikes the manufacturing plant of the sole supplier for the brake pressure valve used in every Toyota? When a hurricane shuts down production at a Unilever plant? When Dell and Apple chip manufacturers in Taiwan take weeks to recover from an earthquake? When the U.S. Pacific ports are shut down during the Christmas rush? When terrorists strike? In The Resilient Enterprise, Yossi Sheffi shows that companies’ fortunes in the face of such business shocks depend more on choices made before the disruption than they do on actions taken in the midst of it—and that resilience shadows firms every day, disaster or no disaster. He shows how companies can build in flexibility throughout their supply chains, based on proven design principles and the right culture—balancing security, redundancy, and short-term profits. And he shows how investments in resilience and flexibility not only reduce risk but create a competitive advantage in the increasingly volatile marketplace.Sheffi describes the way companies can increase security—reducing the likelihood of a disruption—with layered defenses, the tracking and analysis of “near-misses,” fast detection, and close collaboration with government agencies, trading partners, and even competitors. But the focus of the book is on resilience—the ability to bounce back from disruptions and disasters—by building in redundancy and flexibility. For example, standardization, modular design, and collaborative relationships with suppliers (and other stakeholders) can help create a robust supply chain. And a corporate culture of flexibility—with distributed decision making and
communications at all levels—can create a resilient enterprise. Sheffi provides tools for companies to reduce the vulnerability of the supply chain they live in. And along the way he tells the stories of dozens of enterprises, large and small, including Toyota, Nokia, General Motors, Zara, Land Rover, Chiquita, Aisin Seiki, Southwest Airlines, UPS, Johnson and Johnson, Intel, Amazon.com, the U.S. Navy, and others, from across the globe. Their successes, failures, preparations, and methods provide a rich set of lessons in preparing for and managing disruptions. Additional material available at www.TheResilientEnterprise.com.

The book presents the concepts of ICT supply chain risk management from the perspective of NIST IR 800-161. It covers how to create a verifiable audit-based control structure to ensure comprehensive security for acquired products. It explains how to establish systematic control over the supply chain and how to build auditable trust into the products and services acquired by the organization. It details a capability maturity development process that will install an increasingly competent process and an attendant set of activities and tasks within the technology acquisition process. It defines a complete and correct set of processes, activities, tasks and monitoring and reporting systems.

This book offers a bridge between our current understanding of supply chain risk in practice and theory, and the monumental shifts caused by the emergence of the fourth industrial revolution. Supply chain risk and its management have experienced significant attention in scholarship and practice over the past twenty years. Our understanding of supply chain risk and its many facets, such as uncertainty and vulnerability, has expanded beyond utilizing approaches such as deploying inventory to buffer the initial effects of disruptions. Even with our increased knowledge of supply chain risk, being in the era of lean supply chain practices, digitally managed global supply chains, and closely interconnected networks, firms are exposed as ever to supply chain uncertainties that can damage, or even destroy, their ability to compete in the marketplace. The book acknowledges the criticality of big data analytics in Supply Chain Risk Management (SCRM) processes and provides appropriate tools and approaches for creating robust SCRM processes.

Revisiting Supply Chain Risk presents a state-of-the-art look at SCRM through current research and philosophical thought. It is divided into six sections that highlight established themes, as well as provide new insights to developing areas of inquiry and contexts on the topic. Section 1 examines the first step in managing supply chain risk, risk assessment. The chapters in Section 2 encompass resiliency in supply chains, while Section 3 looks at relational and behavioral perspectives from varying units of analysis including consortiums, teams and decision makers. Section 4 focuses on examining supply chain risk in the contexts of sustainability and innovation. Section 5 provides insight on emerging typologies and taxonomies for classifying supply chain risk. The book concludes with Section 6, featuring illustrative case studies as real-world examples in assessing and managing supply chain risk.

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

Risk is of fundamental importance in this era of the global economy. Supply chains must into account the uncertainty of demand. Moreover, the risk of uncertain demand can cut two ways: (1) there is the risk that unexpected demand will not be met on time, and the reverse problem (2) the risk that demand is over estimated and excessive inventory costs are incurred. There are other risks in unreliable vendors, delayed shipments, natural disasters, etc. In short, there are a host of strategic, tactical and operational risks to business supply chains. Supply Chain Risk: A Handbook of Assessment, Management, and Performance will focus on how to assess, evaluate, and control these various risks.

Supply Chain Risk Management: Vulnerability and Resilience in Logistics Kogan Page Publishers

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

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