

Technological Forecasting A Strategic Imperative

Emerging Trends in the Development and Application of Composite Indicators
 Effective Technology for Gender Equity in Business and Organizations
 The Imperatives of Urban and Regional Planning
 Global Logistics and Supply Chain Strategies for the 2020s
 The Handbook of Board Governance
 Research Anthology on Digital Transformation, Organizational Change, and the Impact of Remote Work
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Emerging Trends in the Development and Application of Composite Indicators IGI Global

Perceiving complex multidimensional problems has proven to be a difficult task for people to overcome. However, introducing composite indicators into such problems allows the opportunity to reduce the problem's complexity. *Emerging Trends in the Development and Application of Composite Indicators* is an authoritative reference source for the latest scholarly research on the benefits and challenges presented by building composite indicators, and how these techniques promote optimized critical thinking. Highlighting various indicator types and quantitative methods, this book is ideally designed for developers, researchers, public officials, and upper-level students.

Effective Technology for Gender Equity in Business and Organizations Springer Nature

Logistics and supply chain management is facing disruptive economic, technological and climate change developments that require new strategies. New technologies such as the Internet-of-Things, digital manufacturing or blockchain are emerging quickly and could provide competitive advantage to those companies that leverage the technologies smartly while managers that do not adopt and embrace change could be left behind. Last but perhaps most important for mankind, sustainability aspects such as low-carbon transportation, closed loop supply chains or socially-responsible supply chain setups will become essential to operate successfully in the future. All these aspects will affect logistics and supply chains as a whole as well as different functional areas such as air cargo, maritime logistics or sourcing/procurement. This book aims to dive into several of these functional topics to highlight the key developments in the next decade predicted by leading global experts in the field. It features contributions and key insights of globally leading scholars and senior industry experts. Their forward-looking perspectives on the anticipated trends are aimed at informing the reader about how logistics and supply chain management will evolve in the next decade and which academic qualities and skills will be required to succeed in the "new normal" environment that will be characterized by volatile and increasingly disrupted business eco-systems. Future scenarios are envisaged to provide both practitioners and students with insights that will help them to adapt and succeed in a fast changing world.

The Imperatives of Urban and Regional Planning IGI Global

In the field of strategic management and business intelligence, a formidable challenge is present—conventional decision-making

processes, heavily reliant on internal and external reports, struggle to meet the demands of this data-driven era. As organizations grapple with the increasing influx of data, the imperative for a strategic shift becomes undeniably apparent. *Using Strategy Analytics for Business Value Creation and Competitive Advantage* helps to guide leaders in extracting value, structuring complex problems, and crafting robust business strategies. Scholars and industry experts alike will find within the pages of this comprehensive guide a roadmap to navigate the intersection of organizational strategy and analytics, ultimately unlocking the key to business brilliance. *Using Strategy Analytics for Business Value Creation and Competitive Advantage* stands as a testament to the commitment to addressing the prevailing challenges in strategic decision-making. Tailored for researchers, academicians, industry experts, and scholars, the book delves into the intricacies of strategy analytics, offering transformative insights for those seeking a competitive edge in the evolving business landscape. Capturing the essence of this exploration, the transformative potential of strategy analytics is encapsulated in this valuable resource.

Global Logistics and Supply Chain Strategies for the 2020s Cybellium

Human migration to space will be the most profound catalyst for evolution in the history of humankind, yet this has had little impact on determining our strategies for this next phase of exploration. Habitation in space will require extensive technological interfaces between humans and their alien surroundings and how they are deployed will critically inform the processes of adaptation. As humans begin to spend longer durations in space—eventually establishing permanent outposts on other planets—the scope of technological design considerations must expand beyond the meager requirements for survival to include issues not only of comfort and well-being, but also of engagement and negotiation with the new planetary environment that will be crucial to our longevity beyond Earth. Approaching this question from an interdisciplinary approach, this dissertation explores how the impact of interior space architecture can meet both the physical and psychological needs of future space colonists and set the stage for humankind to thrive and grow while setting down new roots beyond Earth.

The Handbook of Board Governance IGI Global

In the 21st century, advancements in the digital world are bringing about rapid waves of change in organizational management. As such, it is increasingly imperative to discover ways for businesses to adapt to changes in the markets and seize various digital marketing opportunities. *Improving Business Performance Through Innovation in the Digital Economy* is an essential reference source for the latest research on the impact of

digital computing. It investigates new economic and entrepreneurial approaches to enhancing community development. Featuring research on topics such as business ethics, mobile technology, and cyber security, this book is ideally designed for knowledge workers, business managers, executives, entrepreneurs, small and medium enterprise managers, academicians, researchers, students, and global leaders seeking coverage on the management of sustainable enterprises.

Research Anthology on Digital Transformation, Organizational Change, and the Impact of Remote Work Springer Science & Business Media

The use of machines has changed the workplaces of today. While machinery is still not able to perform certain jobs that require creative or non-routine functions, their continuous advancements have shifted the dynamic between organizations and manual laborers. *Strategic Imperatives and Core Competencies in the Era of Robotics and Artificial Intelligence* focuses on contemporary organizations and their use of new competencies. Featuring coverage on new skill identification and best practices for management, this book is essential for professionals, administrators, researchers, and students seeking current research on the latest developments in technological applications in the workplace.

Emerging Strategies in Defense Acquisitions and Military Procurement National Academies Press

Technology roadmapping is a significant method to help companies gain orientation concerning future challenges. This work contains a description of technology roadmapping in four major parts, providing expert knowledge on framing/embedding of technology roadmapping, processes of technology roadmapping, implementing technology roadmapping and linking technology roadmapping to other instruments of strategic planning. The book provides a comprehensive survey of technology roadmapping since it contains papers by leading European, American and Asian experts, provides orientation regarding different methods of technology roadmapping and their interconnections, supplies readers with a compilation of the most important submethods, and embeds and links technology roadmapping in the framework of management research. This book aims at becoming the leading compendium on technology roadmapping.

Service Innovation: Organizational Responses To Technological Opportunities And Market Imperatives IGI Global

Technology's use has exploded, and many employees have been left behind during the COVID-19 pandemic. Organizations are constantly trying to balance people and technology within the workplace. In today's highly technological, globalized economy, it is essential that practitioners and researchers understand that

people and technology do not exist in isolation from each other within the workplace. Valuing People and Technology in the Workplace: Ethical Implications and Imperatives for Success explains how philosophy, ethics, and systems theory influence the five values of people and technology development. The three main areas that are included to explain how philosophy, ethics, and systems theory relate to the five values are the three philosophical perspectives, diversity intelligence, and the workforce inter-personnel diversity talent management system. Covering topics such as ethics, organizational philosophical perspectives, and value creation model, this premier reference source is an essential resource for business leaders, human resource managers, entrepreneurs, technology professionals, students and educators of higher education, researchers, and academicians.

Digital Transformation of SME Marketing Strategies IGI Global Are you fascinated by the ever-changing dance of clouds, the power of storms, and the gentle touch of a sunbeam? Dive into the captivating world of weather with this book. This comprehensive guide explores the profound impact of weather on human activities, making it a must-read for weather enthusiasts, curious minds, and anyone eager to understand the forces shaping our daily lives. Dive into the intricacies of everyday weather phenomena, discovering how it shapes your wardrobe choices, outdoor plans, and daily routines. Traverse through the annals of history to understand the pivotal role weather has played in shaping events, battles, and entire civilizations. Gain insights into the global economic landscape as the book explores how weather influences industries, agriculture, and economies. Brace yourself for thrilling narratives of extreme weather events, providing a firsthand account of their profound effects on communities worldwide. Additionally, delve into the connection between weather conditions and health, unraveling how the atmosphere impacts our physical and mental well-being. Don't miss the chance to unravel the mysteries of weather and how it influences the tapestry of human existence. Order your copy today and embark on a journey through the fascinating realms of atmospheric wonders!

Managing Digital Transformation Diego Rodrigues

Efficient management of managerial tasks by capable managers is essential in order to grow and remain competitive in today's global business market. On the other hand, digital transformation enables organizations to better compete with their global counterparts. In the process of digital transformation, many firms find it difficult to acquire qualified leadership with adequate knowledge and competence to drive success. Without integrating the dual edges of managerial competence and digital evolution, it is next to impossible for a firm to both survive and grow.

Managerial Issues in Digital Transformation of Global Modern Corporations is a critical scholarly publication that examines current challenges in the digital transformation of modern business corporations from a managerial and leadership perspective. Featuring a wide range of topics such as digital transformation, marketing, and global business, this book is ideal for corporate executives, managers, IT specialists, entrepreneurs, business administrators, industry practitioners, academicians, researchers, policymakers, and students from various relevant disciplines that include economics, information and technology, business administration, management science, and commerce.

Study Guide to Incident Response Xlibris Corporation

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Managerial Issues in Digital Transformation of Global Modern Corporations Routledge

Human Factors, Business Management and Society Proceedings of the 13th International Conference on Applied Human Factors and Ergonomics (AHFE 2022), July 24–28, 2022, New York, USA [Human Factors, Business Management and Society](https://doi.org/10.1007/978-1-4939-9888-8) Springer Nature

This book is comprised of articles and papers that have come about after years of academic and applied research endeavors of the practitioners and academicians in the field of urban and regional development planning. Most of these articles have already been presented and deliberated in national and international conferences held in different parts of the world, namely: Indianapolis, Newcastle upon Tyne, Rome, Istanbul, Cairo, Alexandria, Vienna, Stockholm, Jeddah, Riyadh, Jubail,

Islamabad, Penang, and Bandung. The concepts and case studies described in this book bring home the fact that the world is undergoing a gyrational transition. Not only are developed and developing countries getting influenced by each other and transforming due to a process of circular causation, but each of the two sets of countries are also undergoing a simultaneous internal transformation due to the differential infusion of technology and indigenous entrepreneurship. As a consequence, highly diversified urban systems are getting integrated interactively, leading to the formation of a global village and achievement of a unity in diversity!

Technological Forecasting and Corporate Strategy John Wiley & Sons

While artificial intelligence (AI) simulates human intelligence in machines, machine learning (ML) enables systems to learn from data without explicit programming. In marketing and supply chain management, AI and ML empower businesses to analyze consumer behavior, personalize experiences, optimize advertising strategies, forecast consumer demands, manage inventory, plan routes, and mitigate risks. Businesses can enhance efficiency, accuracy, decision-making, customer engagement, and cost-effectiveness when integrating AI and ML in marketing and supply chain operations. Further research is necessary to drive success in the dynamic marketplace. AI and Machine Learning Applications in Supply Chains and Marketing bridges the gap between theoretical knowledge and practical application of AI and ML in marketing and supply chain management. It examines emerging technologies that can revolutionize industries by transforming business operations. This book covers topics such as data analysis, sustainable development, and blockchain, and is a useful resource for business owners, economists, marketing professionals, engineers, computer scientists, academicians, and researchers.

Instilling Digital Competencies Through Educational Robotics

Anand Kaku

Military and defense organizations are a vital component to any nation. In order to maintain the standards of these sectors, new procedures and practices must be implemented. Emerging Strategies in Defense Acquisitions and Military Procurement is a pivotal reference source for the latest scholarly research on the present state of defense organizations, examining reforms and solutions necessary to overcome current limitations and make vast improvements to their infrastructure. Highlighting methodologies and theoretical foundations that promote more effective practices in defense acquisition, this book is ideally designed for academicians, practitioners, researchers, upper-level students, and professionals engaged in defense industries.

Improving Business Performance Through Innovation in the Digital Economy Cybellium

This new edition of the popular The Strategy Pathfinder updates the micro-cases of real-life problems faced by companies and executives. These micro-cases help readers to engage with the kinds of situations they will encounter in their working lives while provoking discussions about key theoretical themes. Original presentation and design makes this an essential companion for both the business-school classroom and the executive briefcase. The Strategy Pathfinder brings experienced and potential executives alike an instant guide to the concepts and techniques they need to know. An innovative introduction to strategy. Makes readers active "producers" of strategy, rather than passive recipients of received wisdom. Presents essential pathways through the strategy jungle. Each case provokes discussion about a key theoretical theme. Encourages readers to form a view themselves, and then test it against the views of others, before offering recommendations about how best to proceed. Cases are drawn from Africa, the Americas, Asia, Europe and Oceania. Supported by online lecturer supplements.

DEMANDA FORECASTING Springer Science & Business Media SMEs represent more than 95% of businesses operating in global markets. These businesses are the fabric of any economic system both in developed and emerging countries, and are the main constituents of any global supply chain throughout the world. However, research on new 4.0 marketing strategies for this kind of businesses has been largely neglected. Extant literature mostly neglects, or fails to articulate the importance of emerging technology such as Big Data, Artificial Intelligence and VR/AR for SMEs. Building on that, this book reviews existing literature on innovation and new technology in marketing for SMEs, what they could do and should avoid. Then, presenting multiple case study from SMEs operating in diverse industries (fashion and design, food and wine, financial services), it develops a practical strategic framework that could be used by SMEs wishing to effectively innovate their marketing strategies in our contemporary digital era. It will be an essential resource for students and researchers of marketing, innovation and industry 4.0.

Digital and Information Technologies in Economics and Management IGI Global

Despite decades of activism and efforts in society and government, women still face significant barriers to gender equality and economic empowerment in the business world.

However, advancements in modern technology may present an opportunity to upend the systems that support inequality. The industrial revolution may have transformed industries, but thus far, it has failed to eradicate longstanding inequalities. Effective Technology for Gender Equity in Business' and Organizations addresses this pressing issue by offering a collection of original research aimed at professionals, policymakers, and knowledge management experts, and examines how new technology can be integrated into various levels of organizations to help continue breaking down barriers and advancing gender equity. This book brings together relevant theoretical frameworks and the latest empirical research findings in gender equity with the aid of modern technology. It targets professionals seeking to enhance their understanding of modern technology's strategic role in contemporary society, including its application at the global economy, network, team building, and information system levels. By offering insights into the recent potential to reduce the gender gap and empower women with these advancements, this book is a valuable resource for those working in healthcare, business organizations, information sciences, and more.

Valuing People and Technology in the Workplace: Ethical Implications and Imperatives for Success IGI Global

Welcome to the world of treasury management—a dynamic and critical aspect of financial stewardship that underpins the success and stability of organizations across industries. This book is crafted as compendium guide to equip finance professionals, executives, and students with the knowledge and strategies necessary for effective treasury management. In today's rapidly evolving business landscape, the role of treasury management has never been more crucial. From optimizing cash flows and mitigating financial risks to navigating the intricacies of capital markets, treasury professionals are tasked with multifaceted responsibilities. This book aims to demystify the complexities of treasury management, offering practical insights, examples, and strategic approaches to empower readers in mastering this intricate field. Key Features: 1. Foundational Concepts: Delve into the fundamental principles of treasury management, providing a solid understanding of cash management, liquidity, and financial risk. 2. Strategic Planning: Explore strategic approaches to treasury management, including techniques for optimizing working capital, managing foreign exchange exposure, and navigating interest rate risks. 3. Technological Advancements: Examine the impact of technology on treasury operations, discussing the latest trends, tools, and digital solutions reshaping the landscape. 4. Case Studies: Gain valuable insights from case studies that illustrate successful treasury management practices and the lessons learned from challenges faced by organizations. 5. Regulatory Landscape: Navigate the complex regulatory environment governing treasury activities, ensuring compliance with international standards and best practices. As you embark on this journey through the pages of this book, I encourage you to engage with the content, reflect on the practical applications, and consider the strategic implications for your own professional or academic pursuits. Treasury management is not just a function; it's a strategic imperative, and this book is designed to be your companion on the path to mastery. This comprehensive book on treasury management aims to provide financial professionals, business leaders, and students with a thorough understanding of the principles, strategies, and technologies involved in effectively managing a company's treasury functions. Thank you for choosing this resource. May it serve as a valuable reference and guide on your journey to becoming a proficient and strategic treasury professional. Anand Vinaykumar Kaku Chartered Accountant Manager Treasury at National Credit Guarantee Trustee Company Ltd. (NCGTC)

The Routledge Companion to Technology Management Walter de Gruyter GmbH & Co KG

Technologies such as renewable energy alternatives including wind, solar and biomass, storage technologies and electric engines are creating a different landscape for the electricity industry. Using sources and ideas from technologies such as renewable energy alternatives, Research and Technology Management in the Electricity Industry explores a different landscape for this industry and applies it to the electric industry supported by real industry cases. Divided into three sections, Research and Technology Management in the Electricity Industry introduces a range of methods and tools including technology assessment, forecasting, roadmapping, research and development portfolio management and technology transfer. These tools are the applied to emerging technologies in this industry with case studies including data from various organizations including Bonneville Power Administration and Energy Trust of Oregon, from sectors including lighting and wind energy. The final section considers innovation through these technologies. A product result of a collaboration between Bonneville Power Administration and Portland State University, Research and Technology Management in the Electricity Industry is a comprehensive collection of methods, tools, examples and pathways for future innovation in the electricity industry.

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