

New Frontiers In Enterprise Risk Management 1st Edition

This book focuses on the integration of quality and risk management in logistics. It examines theoretical and practical guidelines and addresses the main risks of non-compliance with the customer and legislative requirements that arise in a constantly changing external environment. Chapters discuss changes in quality and risk management in logistics, research methodologies, and the risks of non-conforming services. The book also includes a Logistics Services Satisfaction Survey. The analyses presented give us a reason to believe that the development of a systematic approach, including both satisfaction analysis and risk factor analysis, may be sufficient grounds for initiating improvements in customer service.

In the face of limited progress toward meeting Millennium Development Goals or addressing climate change and resource degradation, increasing attention turns to harnessing the entrepreneurial, innovative, managerial and financial capacities of business for improved social and environmental outcomes. A more proactive role for business in sustainable development is especially pertinent in sub-Saharan Africa, which has been plagued by conflict and poverty but shows signs of a brighter future as the world's second-fastest-growing region. The book considers how the socio-economic context influences the objectives of social innovation and even our definition of what we mean by social innovation. Secondly, the book aims to show how social innovation initiatives emerge and fare in context of the limited ability of many African countries to provide public goods and services.

Sovereign wealth funds (SWFs) can be effective tools for national resources revenue management. These state-owned investments, funded by commodity exports, foreign exchange reserves, or other national assets, are adaptable to the challenges posed by financial shocks and have been successfully employed in an increasing number of countries. The number of SWFs continues to grow, with the largest funds managing trillions of dollars in assets among them. However, given the significant variations among SWFs, it can be difficult to compare funds that differ in size, scope, and mandate. This book provides a sorely needed practical look at how these funds work and how they should work. The New Frontiers of Sovereign Investment combines the insights and experience of academic economists and practitioners from several funds to survey a diverse financial landscape and establish the challenging topical questions facing a broad range of SWFs today: Should they serve both economic development and financial returns, and how? Will responsible investment enhance long-term returns? How can fiscal rules for SWFs be improved to meet emerging economic challenges? The book considers these questions as they apply to both long-established and newer SWFs. Featuring contributions from sovereign wealth practitioners from Alberta's AIMCo, the Nigerian Sovereign Investment Authority, and the New Zealand Superannuation Fund, as well as analysis by scholars at the forefront of sovereign investment, this volume provides timely and much-needed information on these rapidly evolving institutions.

In this edited volume, we present the state-of-the-art views of the perspective of enterprise risk management, to include frameworks and controls in the ERM process with respect to supply chains, constructions, and project, energy, environmental and sustainable development risk management. The bulk of this volume is devoted to presenting a number of modeling approaches that have been (or could be) applied to enterprise risk management in construction.

Case Studies and Best Practices
Risk Assessment and Management in Pervasive Computing: Operational, Legal, Ethical, and Financial Perspectives

Modeling Risk Management for Resources and Environment in China

Flowing Stream Strategy

The Business of Social and Environmental Innovation

Frontiers of Space Risk

New Frontiers of Consumer Protection

Control theory provides a large set of theoretical and computational tools with applications in a wide range of fields, running from "pure" branches of mathematics, like geometry, to more applied areas where the objective is to find solutions to "real life" problems, as is the case in robotics, control of industrial processes or finance. The "high tech" character of modern business has increased the need for advanced techniques. These rely heavily on mathematical techniques and seem indispensable for competitiveness of modern enterprises. It became essential for the financial analyst to possess a high level of mathematical skills. Conversely, the complex challenges posed by the problems and models relevant to finance have, for a long time, been an important source of new research topics for mathematicians. The use of techniques from stochastic optimal control constitutes a well established and important branch of mathematical finance. Up to now, other branches of control theory have found comparatively less application in financial problems. To some extent, deterministic and stochastic control theories developed as different branches of mathematics. However, there are many points of contact between them and in recent years the exchange of ideas between these fields has intensified. Some concepts from stochastic calculus (e.g., rough paths) have dawned on the deterministic control theory community. Also, some ideas and tools usual in deterministic control (e.g., geometric, algebraic or functional-analytic methods) can be successfully applied to stochastic control.

Corporate Boards: Managers of Risk, Sources of Risk dealwith the highly timely topic of the Corporate Board and itsrelationship to risk, both in terms of its management and itscreation. Utilizes a multi-disciplinary perspective which draws on thefields of economics, law, business ethics, and corporate socialresponsibility Features a range of topics including the role of corporateboards in overseeing increasingly complex risk managementtechniques and the ethical dimensions of corporate board behaviorin managing risk Of interest to students, scholars, and firm stakeholders Explores how recent events have also shown that the members ofCorporate Boards can be sources of risk

This book offers important new insights into recent advances and perspectives in the field of political economy in developmental Southeastern European countries. In addition, it provides theoretical and empirical contributions to political economy of development in an international context. Written by authors from Greece, Serbia and Turkey, the book covers a broad spectrum of topics - from macroeconomics and economic policy to international political economy and globalization. Presenting new and original ideas, this is a valuable resource for anyone wishing to gain a deeper understanding of political economy of development in Southeastern Europe: academicians, policymakers and business practitioners.

Provides extensive information about pervasive computing and its implications from various perspectives so that current and future pervasive service providers can make responsible decisions about where, when and how to use this technology.

The Trouble with Foreign Investor Protection

Implementing Enterprise Risk Management

Modeling Risk Management in Sustainable Construction

Industry 4.0 and Society 5.0 Applications

Mathematical Control Theory and Finance

Enterprise Risk and Opportunity Management

Proceedings of MAC-ERM 2015

The resources of both governments and traditional philanthropy are either barely growing or in decline, yet the problems of poverty, ill-health, and environmental degradation balloon daily. It is therefore increasingly clear that we urgently need new models for financing and promoting social and environmental objectives. Fortunately, a significant revolution appears to be underway on the frontiers of philanthropy and social investing, tapping not only philanthropy, but also private investment capital, and providing at least a partial response to this dilemma. This book examines the new actors and new tools that form the heart of this revolution, and shows how they are reshaping the way we go about supporting solutions to social and environmental problems throughout the world. With contributions from leading experts in the field, New Frontiers of Philanthropy provides a comprehensive analysis of the many new institutions that have surfaced on this new frontier of philanthropy and social investment; the new tools and instruments these institutions are bringing to bear; the challenges that these actors and tools still encounter; and the steps that are needed to maximize their impact. The result is a powerful and accessible guide to developments that are already bringing significant new resources into efforts to solve the world's problems of poverty, ill-health, and environmental degradation; unleashing new energies and new sources of ingenuity for social and environmental development; and generating new hope in an otherwise dismal scenario of lagging resources and resolve. Investors, philanthropists, social entrepreneurs, nonprofit leaders, business executives, government officials, and students the world over will find much to build on in these pages.

At their core, ISDS treaties are flawed because they very firmly institute wealth-based inequality under international law. In this book, Van Harten explores these claims in the light of the history of early ISDS treaties.

Supply Chain Management and Corporate Governance: Artificial Intelligence, Game Theory and Robust Optimisation is the first innovative, comprehensive analysis and analytical robust optimisation modelling of the relationships between corporate governance principles and supply chain management for risk management and decision-making under uncertainty in supply chain operations. To avoid corporate failures and crises caused by agency problems and other external factors, effective corporate governance mechanisms are essential for efficient supply chain management. This book develops a new collaborative robust supply chain management and corporate governance (RSCMCG) model and framework that combines good corporate governance practices for risk management strategies and decision-making under uncertainty. This model is developed as a principal-agent game theory model, and it is digitalised and computed by Excel algorithms and spreadsheets as an artificial intelligence and machine-learning algorithm. The implementation of the RSCMCG model provides optimal supply chain solutions, corporate governance principles and risk management strategies for supporting the company to achieve long-term benefits in firm value and maximising shareholders' interests and corporate performance while maintaining robustness in an uncertain environment. This book shows the latest state of knowledge on the topic and will be of interest to researchers, academics, practitioners, policymakers and advanced students in the areas of corporate governance, supply chain management, finance, strategy and risk management.

Though the concern regarding the confluence of continuity and change is well accepted, there is hardly any well known framework in the literature that can be used as a benchmark to deal with this paradoxical issue. Keeping in view the significance of the topic and the lack of practical frameworks in managing continuity and change this book is an endeavor to fill the gap. The main proposition of the book is that the strategic management of change could be better leveraged with clear understanding of continuity of the organization and consciously managing the vital and desirable areas of continuity along with change, rather than leaving the continuity to be managed by default. The continuity of any company provides the bedrock along which the flow of change could be channeled. It adopts flowing stream as the principal metaphor for continuity and change to be taken side by side. It can be treated as a stepping stone to inspire a lot of research in this area.

Joint Projects between Universities and Industry 2004 -2007

New Frontiers in Africa

The New Frontiers of Sovereign Investment

Decision-Making in Management

Today's Leading Research and Best Practices for Tomorrow's Executives

Concepts and Step-by-Step Examples for Pioneering Scientific and Technical Organizations

Enterprise Risk Management Models

Portfolio management is an ongoing process of constructing portfolios that balances an investor's objectives with the portfolio manager's expectations about the future. This dynamic process provides the payoff for investors. Portfolio management evaluates individual assets or investments by their contribution to the risk and return of an investor's portfolio rather than in isolation. This is called the portfolio perspective. Thus, by constructing a diversified portfolio, a portfolio manager can reduce risk for a given level of expected return, compared to investing in an individual asset or security. According to modern portfolio theory (MPT), investors who do not follow a portfolio perspective bear risk that is not rewarded with greater expected return. Portfolio diversification works best when financial markets are operating normally compared to periods of market turmoil such as the 2007-2008 financial crisis. During periods of turmoil, correlations tend to increase thus reducing the benefits of diversification. Portfolio management today emerges as a dynamic process, which continues to evolve at a rapid pace. The purpose of Portfolio Theory and Management is to take readers from the foundations of portfolio management with the contributions of financial pioneers up to the latest trends emerging within the context of special topics. The book includes discussions of portfolio theory and management both before and after the 2007-2008 financial crisis. This volume provides a critical reflection of what worked and what did not work viewed from the perspective of the recent financial crisis. Further, the book is not restricted to the U.S. market but takes a more global focus by highlighting cross-country differences and practices. This 30-chapter book consists of seven sections. These chapters are: (1) portfolio theory and asset pricing, (2) the investment policy statement and fiduciary duties, (3) asset allocation and portfolio construction, (4) risk management, (V) portfolio execution, monitoring, and rebalancing, (6) evaluating and reporting portfolio performance, and (7) special topics.

Risk management strategy for the pioneering technological sector Enterprise Risk and Opportunity Management provides much-needed guidance tailored specifically to the technological sector. While most enterprise risk management guides are written for traditional businesses and finance firms, this book translates effective enterprise risk and opportunity management (EROM) principles into strategies and practices that work for government, nonprofit, and for-profit organizations in the technological space. Originally designed for noncommercial pioneering enterprises like NASA, an entire chapter is now devoted toward applying the methods to profit-making technological enterprises. A 40-year veteran of the tech sector, Dr. Allan Benjamin outlines risk management strategies for organizations in which the development and integration of science and technology within complex systems is necessary for accomplishment of the mission. Commercial EROM strategies do not translate directly when the development and implementation of risky technologies is the organization's primary objective, and clumsy or near-sighted implementation can easily cripple progress. This book provides authoritative guidance tailored to the sector's specialized needs. Maximize opportunity while effectively managing risk. Understand the core principles of the technological EROM approach and its interfaces with the management of the organization. Comprehend the intricacies of aggregating risks and opportunities from lower to higher levels of the organization. Gain expert insights specific to the technology sector. Mitigate and control the risk that arises with pursuing discovery. In practice, EROM in this sector involves working with mostly qualitative data, and is characterized by high uncertainty. Managing risk without handicapping the organization requires a specific set of adjustments to traditional EROM, and a more nuanced approach to the idea of "acceptable risk. Balance is key in technological EROM, and Enterprise Risk and Opportunity Management provides foundational guidance, real-world strategy, and enlightening examples for getting it right.

This handbook is a reference for those interested in information technologies and emerging management practices in China. The emphasis on information technologies and management provides a unique proposition and gives characteristics of flexibility and adoption to diverse audiences. The subject area is a combination of global information technology and management along with strategic management of IT. The handbook exploits state-of-the-art and emerging trends in theory and technology. This handbook is primarily designed for a professional and academic audience.

This book provides readers an understanding of the implementation of Enterprise Risk Management (ERM) for international construction operations. In an extended case study, it primarily focuses on Chinese construction firms (CCFs) based in Singapore. In this regard, the book explains the differences and similarities between Risk Management (RM), Project Risk Management (PRM) and ERM in the construction industry, and examines their linkages for international construction operations in a broader context. The explanation elaborates on how companies may adopt and implement RM, PRM and ERM as appropriate in their various operations, both in their home market as well as in overseas host markets. The book also reviews the whole spectrum of work relating to organizational behavior (OB) as one of the key underpinnings for companies to evaluate and implement ERM. It will benefit practitioners from the industry as well as academics interested in the implementation of ERM practices in international construction operations.

ERM and QRM in Life Insurance

Reaping the Benefits of New Frontiers

The British National Bibliography

Artificial Intelligence, Game Theory and Robust Optimisation

Quantitative Financial Risk Management

New Frontiers of Philanthropy

From Total War to Cold War

Overcome ERM implementation challenges by taking cues from leading global organizations Implementing Enterprise Risk Management is a practical guide to establishing an effective ERM system by applying best practices at a granular level. Case studies of leading organizations including Mars, Statoil, LEGO, British Columbia Lottery Corporation, and Astro illustrate the real-world implementation of ERM on a macro level, while also addressing how ERM informs the response to specific incidents. Readers will learn how top companies are effectively constructing ERM systems to positively drive financial growth and manage operational and outside risk factors. By addressing the challenges of adopting ERM in large organizations with different functioning silos and well-established processes, this guide provides expert insight into fitting the new framework into cultures resistant to change. Enterprise risk management covers accidental losses as well as financial, strategic, operational, and other risks. Recent economic and financial market volatility has fueled a heightened interest in ERM, and regulators and investors have begun to scrutinize companies' risk-management policies and procedures. Implementing Enterprise Risk Management provides clear, demonstrative instruction on establishing a strong, effective system. Readers will learn to: Put the right people in the right places to build a strong ERM framework Establish an ERM system in the face of cultural, logistical, and historical challenges Create a common language and reporting system for communicating key risk indicators Create a risk-aware culture without discouraging beneficial risk-taking behaviors ERM is a complex endeavor, requiring expert planning, organization, and leadership, with the goal of steering a company's activities in a direction that minimizes the effects of risk on financial value and performance. Corporate boards are increasingly required to review and report on the adequacy of ERM in the organizations they administer, and Implementing Enterprise Risk Management offers operative guidance for creating a program that will pass muster.

Unlock the incredible potential of enterprise risk management There has been much evolution in terms of ERM best practices, experience, and standards and regulation over the past decade. Enterprise Risk Management: Today's Leading Research and Best Practices for Tomorrow's Executives, Second Edition is the revised and updated essential guide to the now immensely popular topic of enterprise risk management (ERM). With contributions from leading academics and practitioners, this book offers insights into what practitioners are doing and what the future holds. You'll discover how you can implement best practices, improve ERM tools and techniques, and even learn to teach ERM. Retaining the holistic approach to ERM that made the first edition such a success, this new edition adds coverage of new topics including cybersecurity risk, ERM in government, foreign exchange risk, risk appetite, innovation risk, outsourcing risk, scenario planning, climate change risk, and much more. In addition, the new edition includes important updates and enhancements to topics covered in the first edition; so much of it has been revised and enhanced that it is essentially an entirely new book. Enterprise Risk Management introduces you to the concepts and techniques that allow you to identify risks and prioritize the appropriate responses. This invaluable guide offers a broad overview, covering key issues while focusing on the principles that drive effective decision making and determine business success. This comprehensive resource also provides a thorough introduction to ERM as it relates to credit, market, and operational risk, as well as the evolving requirements of the board of directors' role in overseeing ERM. Through the comprehensive chapters and leading research and best practices covered, this book: Provides a holistic overview of key topics in ERM, including the role of the chief risk officer, development and use of key risk indicators and the risk-based allocation of resources Contains second-edition updates covering additional material related to teaching ERM, risk frameworks, risk culture, credit and market risk, risk workshops and risk profiles and much more. Over 90% of the content from the first edition has been revised or enhanced Reveals how you can prudently apply ERM best practices within the context of your underlying business activities Filled with helpful examples, tables, and illustrations, Enterprise Risk Management, Second Edition offers a wealth of knowledge on the drivers, the techniques, the benefits, as well as the pitfalls to avoid, in successfully implementing ERM.

This book offers new insights and perspectives on the financial and banking sector in Europe with a special focus on Central and Southeastern European countries. Through quantitative and qualitative analysis of primary sources and datasets, the book examines both the financial development and performance of the real sector of the economy and the impact and involvement of the banking sector. The contributions offer new insights into current financial innovations and discuss best practices in innovative financial solutions. They also highlight new perspectives in finance and analyze characteristic problems in the real and banking sectors in various European countries. The insights and financial solutions presented in this book will be of interest to scholars of finance and financial economics as well as practitioners in the financial industry and policy makers.

Making important business decisions is usually a difficult and complicated task. In the modern economy where businesses have to solve increasingly complex decision-making problems, it is important to learn and use methods and techniques including the analysis of behavioral data to support decision-making in practice. This book presents various methods and solutions to problems in modern data acquisition techniques and practical aspects of decision making. In particular, it addresses such important issues as: business decision making, multi-criteria decision analysis (MCDA), multidimensional comparative analysis (MCA), decision games and data acquisition techniques for decision making (declarative techniques and cognitive neuroscience techniques). Important topics such as consumers' rational behavior, environmental management accounting, neuroscience research methods, neuroscience including epigenetics, DEA analysis etc., as well as case studies related to decision making in management are also included.

Supply Chain Management and Corporate Governance

Natural Cosmic Hazards & Societal Challenges

Methods and Behavioral Tools

OECD Development Pathways Production Transformation Policy Review of Chile Reaping the Benefits of New Frontiers

Portfolio Theory and Management

Operational, Legal, Ethical, and Financial Perspectives

Optimization in Large Scale Problems

The bulk of this volume deals with the four main aspects of risk management: market risk, credit risk, risk management - in macro-economy as well as within companies. It presents a number of approaches and case studies directed at applying risk management to diverse business environments. Included are traditional market and credit risk management models such as the Black-Scholes Option Pricing Model, the Vasicek Model, Factor models, CAPM models, GARCH models, KMV models and credit scoring models.

This book deals with Enterprise Risk Management (ERM) and, in particular, Quantitative Risk Management (QRM) in life insurance business. Constituting a "bridge" between traditional actuarial mathematics and insurance risk management processes, its purpose is to provide advanced undergraduate and graduate students in the Actuarial Sciences, Finance and Economics with the basics of ERM (in general) and QRM applied to life insurance business. The main topics dealt with are: general issues on ERM, risk management tools for life insurance and life annuities, deterministic and stochastic analysis of the behaviour of a portfolio fund, application of sensitivity testing to assess ranges of results of interest, stress testing to assess the impact of extreme scenarios, and the product development process for life annuity products.

This book constitutes the thoroughly refereed joint post-proceedings of three international workshops organized by the Japanese Society for Artificial Intelligence, held in Tokyo, Japan in June 2006 during the 20th Annual Conference JSAI 2006. The volume starts with eight award winning papers of the JSAI 2006 main conference that are presented along with the 21 revised full workshop papers, carefully reviewed and selected for inclusion in the volume.

New Frontiers in enterprise risk managementNew Frontiers in Enterprise Risk ManagementSpringer Science & Business Media

JSAI 2006 Conference and Workshops

Hearings Before the Subcommittee on SBA and SBIC Authority, Minority Enterprise, and General Small Business Problems of the Committee on Small Business, House of Representatives, Ninety-ninth Congress, First Session ...

The New Frontiers of International Business

Development, Evolving Topics, and Implications for Practice

Outsourcing Management for Supply Chain Operations and Logistics Service

The Interplay Between Private and Public Enforcement

An Actuarial Primer

Logistics and Supply Chain Management has been a vital part of every economy and every business entity. Both sciences have become prestigious research fields focusing on best practices, concepts, and methods. Outsourcing Management for Supply Chain Operations and Logistics Services is concentrated on the key players of the outsourcing paradigm; the organizations that provide logistics services, the Third Party Logistics (3PLs), as well as their clients, presenting and promoting the lessons learned by their cooperation. Specifically, this publication presents studies which are relevant to practitioners, researchers, students, and clients of the application of the Outsourcing practice on the Logistics and Supply Chain Management services giving emphasis to 3PLs.

Collective redress has gained momentum in Europe and North America. Legal reforms are driven by different institutional conditions but show a limited degree of convergence. In this book, seventeen contributions from the US, Canada, and the Member States of the European Union put the interplay of public enforcement and private collective judicial enforcement into perspective. The parameters of analysis are the constitutional dimension (i.e. three multi-level systems compared US, EC, and Canada, vertically: allocation of powers between levels and distinction between regulation and private law and administrative control versus judicial control; horizontally: degree of harmonization, trans-border litigation, choice of law), the institutional dimension (the players, regulatory and judges, private organization and lawyers) and the substantive dimension (regulation through administrative law versus regulation through tort or contract law, standard setting (strict liability versus negligence), remedies (injunctions and damages). These three parameters are then broken down into five sections: general comparison, the public/private enforcement divide, remedies concerning the distinction between injunction and damages as well as between class actions and group actions, negotiation and adjudication, trans-border litigation and international private law. The final chapter develops prospects to indicate the way ahead.

Risk management has become a critical part of doing business in the twenty-first century. This book is a collection of material about enterprise risk management, and the role of risk in decision making. Part I introduces the topic of enterprise risk management. Part II presents enterprise risk management from perspectives of finance, accounting, insurance, supply chain operations, and project management. Technology tools are addressed in Part III, including financial models of risk as well as accounting aspects, using data envelopment analysis, neural network tools for credit risk evaluation, and real option analysis applied to information techn-ogy outsourcing. In Part IV, three chapters present enterprise risk management experience in China, including banking, chemical plant operations, and information technology. Lincoln, USA David L. Olson Toronto, Canada Desheng Wu February 2008 v Contents Part I Preliminary 1 Introduction 3 David L. Olson & Desheng Wu 2 The Human Reaction to Risk and Opportunity 7 David R. Koenig Part II ERM Perspectives 3 Enterprise Risk Management: Financial and Accounting Perspectives 25 Desheng Wu & David L. Olson 4 An Empirical Study on Enterprise Risk Management in Insurance 39 Madhusudan Acharya 5 Supply Chain Risk Management 57 David L. Olson & Desheng Wu 6 Two Polar Concept of Project Risk Management 69 Seyed Mohammad Seyedhoseini, Siamak Noori & Mohammed AliHateri Part III ERM Technologies 7 The Mathematics of Risk Transfer 95 Marcos Escobar & Luis Seco 8 Stable Models in Risk Management

Hitherto, the organization of international business has been studied mostly from a managerial point of view or by examining the relationship between firms and the economy. Yet, the development of the modern, multinational firm - the most important type of business organisation - has been strongly influenced by the conflicts that bedeviled the twentieth century. The volatile macroeconomic and political environments experienced by international business point to how important it is to study political risk. Consequently, Multinational Enterprise, Political Risk and Organisational Change: From Total War to Cold War breaks new ground: it argues that non-market elements and historical context are key to understanding the way international business has been organised. This edited volume offers an historical approach to analysing how multinational enterprise has developed over time and around the world, through a series of well-crafted chapters, on important topics in international economic and business history, written by authorities in their respective fields of study and research. The study is based on the underlying premise that the coming of the two World Wars, the devastating and long-term consequences of such total wars, and the ideological challenge of the Cold War acted as a pivot points in shaping the nature and character of multinational firms. By examining such phenomena, this study offers insights to anyone who has an interest in business, economic or political history, management and business studies, or international relations.

Multinational Enterprise, Political Risk and Organisational Change

Diving Experiences, Sustainability, Management

Enterprise Risk Management

New frontiers in enterprise risk management

Enterprise Risk Management in International Construction Operations

Small Business Administration Program Review

Diving tourism has seen such growth in the past decade that the World Tourism Organization suggests it will soon become as important as ski tourism. According to a WTO estimate, there are now 5.7 million active certified divers in the world. Despite its development as a mass tourism activity, its dynamic growth and great economic importance, particularly for island destinations in the Tropics, surprisingly few scientific publications address this form of special-interest tourism. In the light of this, "New Frontiers in Marine Tourism" is the first attempt to describe and analyse this tourism sector comprehensively. The first part of the book is devoted to an overview of the dive sector, addressing different types of diving locations and their particular characteristics, the geographical distribution of dive locations, the origins of dive tourists, as well as the growth and economic significance of diving tourism in destinations worldwide. In its second section, the book outlines different motivations and typologies of diving tourists, their learning behaviour, knowledge of marine environments, and their interaction with flora and fauna. The third section focuses on diver satisfaction, attitudes and preferences, diver education and interpretation, compliance with regulations by divers and tour operators, environmental impacts, and aspects of risk and health, thus highlighting a variety of pressing topics related to the management of diving tourism. * First book of its kind to address the rapidly growing area of diving tourism * Contributions from academic experts in the field, it addresses hot issues such as environmental impacts, health and safety, education, and economic factors and impacts. * Brilliantly edited, it represents a coherent and cohesive collection of critically important issues in this area.

This book is about the results of a number of projects funded by the BMBF in the initiative "Mathematics for Innovations in Industry and Services". It shows that a broad spectrum of analytical and numerical mathematical methods and programming techniques are used to solve a lot of different specific industrial or services problems. The main focus is on the fact that the mathematics used is not usually standard mathematics or black box mathematics but is specifically developed for specific industrial or services problems. Mathematics is more than a tool box or an ancillary science for other scientific disciplines or users. Through this book the reader will gain insight into the details of mathematical modeling and numerical simulation for a lot of industrial applications.

CHOICE Recommended Title, March 2019 This book brings together diverse new perspectives on current and emerging themes in space risk, covering both the threats to Earth-based activities arising from space events (natural and man-made), and those inherent in space activity itself. Drawing on the latest research, the opening chapters explore the dangers from asteroids and comets; the impact of space weather on critical technological infrastructure on the ground and in space; and the more uncertain threats posed by rare hazards further afield in the Milky Way. Contributors from a wide range of disciplines explore the nature of these risks and the appropriate engineering, financial, legal, and policy solutions to mitigate them. The coverage also includes an overview of the space insurance market; engineering and policy perspectives on space debris and the sustainability of the space environment. The discussion then examines the emerging threats from terrorist activity in space, a recognition that space is a domain of war, and the challenges to international cooperation in space governance from the nascent asteroid mining industry. Features: Discusses developments and risks relevant to the public and private sectors as access to the space environment expands Offers an interdisciplinary approach blending science, technology, and policy Presents a high-level international focus, with contributions from academics, policy makers, and commercial space consultants

This book offers a comprehensive guide to several aspects of risk, including information systems, disaster management, supply chain and disaster management perspectives. A major portion of the book is devoted to presenting a number of operations research models that have been (or could be) applied to enterprise supply risk management, especially from the supply chain perspective. Each chapter of this book can be used as a stand-alone module on a respective topic, with dedicated examples, definitions and discussion notes. This book comes at a time when the world is increasingly challenged by different forms of risk and how to manage them. Events of the 21st Century have made enterprise risk management even more critical. Risks such as suspicious surrounding top-management structures, financial and technology bubbles (especially since 2008), as well as the risk posed by terrorism, such as the 9/11 attacks in the U.S. as well as more recent events in France, Belgium, and other European countries, have a tremendous impact on many facets of business. Businesses, in fact, exist to cope with risk in their area of specialization.

Mathematics - Key Technology for the Future

Corporate Boards

Financial Performance Analysis of Real and Banking Sectors in Europe

The China Information Technology Handbook

A Common Framework for the Entire Organization

The Changing Financial Landscape

A Guide to the New Tools and New Actors that Are Reshaping Global Philanthropy and Social Investing

This volume provides resourceful thinking and insightful management solutions to the many challenges that decision makers face in their predictions, preparations, and implementations of the key elements that our societies and industries need to take as they move toward digitalization and smartness. The discussions within the book aim to uncover the source of large-scale problems in socio-industrial dilemmas, and the theories that can support these challenges. How theories might also transition to real applications is another question that this book aims to uncover. In answer to the viewpoints expressed by several practitioners and academicians, this book aims to provide both a learning platform which spotlights open questions with related case studies. The relationship between Industry 4.0 and Society 5.0 provides the basis for the expert contributions in this book, highlighting the uses of analytical methods such as mathematical optimization, heuristic methods, decomposition methods, stochastic optimization, and more. The book will prove useful to researchers, students, and engineers in different domains who encounter large scale optimization problems and will encourage them to undertake research in this timely and practical field. The book splits into two parts. The first part covers a general perspective and challenges in a smart society and in industry. The second part covers several case studies and solutions from the operations research perspective for large scale challenges specific to various industry and society related phenomena.

This handbook takes a three-part approach that helps to understand and chart scholarship in the discipline of International Business (IB). The chapters in part 1 briefly discuss the scholarly landscape in IB, identify new ways of advancing the current literature, and highlight some ways in which to do so. The chapters in part 2 discuss current topics IB scholars should focus on, how to understand them, the challenges involved, and the role of interdisciplinary outreach. The chapters in part 3 discuss IB's broader societal role along several dimensions of relevance to scholars and practitioners. IB researchers, management scholars, and practitioners can use this book to enhance their current knowledge and nurture new ideas based on the chapters written by some of the world's leading experts.

This edited volume expands the scope of risk management beyond finance to include resources and environment issues in China. It presents the state-of-the-art approaches of using risk management to effectively manage resources and environment. Both case studies and theoretical methodologies are discussed. Enterprise Risk Management: A Common Framework for the Entire Organization discusses the many types of risks all businesses face. It reviews various categories of risk, including financial, cyber, health, safety and environmental, brand, supply chain, political, and strategic risks and many others. It provides a common framework and terminology for managing these risks to build an effective enterprise risk management system. This enables companies to prevent major risk events, detect them when they happen, and to respond quickly, appropriately, and resiliently. The book solves the problem of differing strategies, languages, and methodologies used by different risk specialists by presenting the core principles common to managing all types of risks, while also showing how these principles apply to physical, financial, brand, and global strategy risks. Enterprise Risk Management is ideal for executives and managers across the entire organization, providing the comprehensive understanding they need, in everyday language, to successfully navigate, manage, and mitigate the complex risks they face in today's global market. Provides a framework on which to build an enterprise-wide system to manage risk and potential losses in business settings Solves the problem of differing strategies, techniques, and terminology within an organization by presenting the core principles common to managing all types of risks Offers principles which apply to physical, financial, brand, and global strategy risks Presents useful, building block information in everyday language for both managers and risk practitioners across the entire organization

New Frontiers in Artificial Intelligence

Leveraging Strategic Change with Continuity

Managers of Risk, Sources of Risk

Multidisciplinary Academic Conference on Economics, Management and Marketing in Prague 2015

New Frontiers in Marine Tourism

New Frontiers in Enterprise Risk Management

The Political Economy of Development in Southeastern Europe

Chile is a relatively stable, well-connected, open economy. Over the last decade the country has managed to increase its participation in global value chains and to export new products.

Integrating Quality and Risk Management in Logistics