Measuring And Managing Operational Risks In Financial Institutions Tools Techniques And Other Resources Wiley Frontiers In Finance

Gain a deeper understanding of the issues surrounding financial risk and regulation Foundations of Financial Risk details the various risks, regulations, and supervisory requirements institutions face in today's economic and regulatory environment. Written by the experts at the Global Association of Risk Professionals (GARP), this book represents an update to GARP's original publication, Foundations of Banking Risk. You'll learn the terminology and basic concepts surrounding global financial risk and regulation, and develop an understanding of the methods used to measure and manage market, credit, and operational risk. Coverage includes traded market risk and regulation, treasury risk and regulation, and much more, including brand new coverage of risk management for insurance companies. Clear explanations, focused discussion, and comprehensive relevancy make this book an ideal resource for an introduction to risk management. The textbook provides an understanding of risk management methodologies, governance structures for risk management in financial institutions and the regulatory requirements dictated by the Basel Committee on Banking Supervision. It provides thorough coverage of the issues surrounding financial risk, giving you a solid knowledgebase and a practical, applicable understanding. Understand risk measurement and management Learn how minimum capital requirements are regulated Explore all aspects of financial institution regulation and disclosure Master the terminology of global risk and regulation Financial institutions and supervisors around the world are increasingly recognizing how vital sound risk management practices are to both individual firms and the capital markets system as a whole. Savvy professionals recognize the need for authoritative and comprehensive training, and Foundations of Financial Risk delivers with expert-led education for those new to risk management.

OpRisk Awards 2020 Book of the Year Winner! The Authoritative Guide to the Best Practices in Operational Risk Management Operational Risk Management offers a comprehensive guide that contains a review of the most up-to-date and effective operational risk management practices in the financial services industry. The book provides an essential overview of the current methods and best practices applied in financial companies and also contains advanced tools and techniques developed by the most mature firms in the field. The author explores the range of operational risks such as information security, fraud or reputation damage and details how to put in place an effective program based on the four main risk management activities: risk identification, risk assessment, risk mitigation and risk monitoring. The book also examines some specific types of operational risks that rank high on many firms' risk registers. Drawing on the author's extensive experience working with and advising financial companies, Operational Risk Management is written both for those new to the discipline and for experienced operational risk managers who want to strengthen and consolidate their knowledge.

The management of operational risk in the banking industry has undergone explosive changes over the last decade due to substantial changes in the operational environment. Globalization, deregulation, the use of complex financial products, and changes in information technology have resulted in exposure to new risks which are very different from market and credit risks. In response, the Basel Committee on Banking Supervision has developed a new regulatory framework for capital measurement and standards for the banking sector. This has formally defined operational risk and introduced corresponding capital requirements. Many banks are undertaking quantitative modelling of operational risk using the Loss Distribution Approach (LDA) based on statistical quantification of the frequency and severity of operational risk losses. There are a number of unresolved methodological challenges in the LDA implementation. Overall, the area of quantitative operational risk is very new and different methods are under hot debate. This book is devoted to quantitative issues in LDA. In particular, the use of Bayesian inference is the main focus. Though it is very new in this area, the Bayesian approach is well suited for modelling operational risk, as it allows for a consistent and convenient statistical framework for quantifying the uncertainties involved. It also allows for the combination of expert opinion with historical internal and external data in estimation procedures. These are critical, especially for low-frequency/high-impact operational risks. This book is aimed at practitioners in risk management, academic researchers in financial mathematics, banking industry regulators and advanced graduate students in the area. It is a must-read for anyone who works, teaches or does research in the area of financial risk.

This book combines theory and practice to analyze risk measurement from different points of view. The limitations of a model depend on the framework on which it has been built as well as specific assumptions, and risk managers need to be aware of these when assessing risks. The authors investigate the impact of these limitations, propose an alternative way of thinking that challenges traditional assumptions, and also provide novel solutions. Starting with the traditional Value at Risk (VaR) model and its limitations, the book discusses concepts like the expected shortfall, the spectral measure, the use of the spectrum, and the distortion risk measures from both a univariate and a multivariate perspective.

Manage the risk and maximize the reward! Risk. It's what business is all about. The key to success is to anticipating and managing the risks that can impact business. 'The Complete Idiot's Guide® to Risk Management', provides the key information necessary to manage business risk successfully. ? The basic categories of business risk ? How to identify the specific factors that affect any particular business ? How to create practical risk models to plan ahead ? How to lessen the impact of risk events should they happen ? How to profit from strategic risk taking

This book focuses on several topical issues related to the operational risk management in bank: regulation, organisation and strategy. It analyses the connections between the different key-players involved in the operational risk process and the most relevant implications, both operational and strategic, arising from the implementation of the prudential framework.

Transform your approach to oprisk modelling with a proven, non-statistical methodology Operational Risk Modeling in Financial Services provides risk professionals with a forward-looking approach to risk modelling, based on structured management judgement over obsolete statistical methods. Proven over a decade’s use in significant banks and financial services firms in Europe and the US, the Exposure, Occurrence, Impact (XOI) method of operational risk modelling played an instrumental role in reshaping their oprisk modelling approaches; in this book, the expert team that developed this methodology offers practical, in-depth guidance on XOI use and applications for a variety of major risks. The Basel Committee has dismissed statistical approaches to risk modelling, leaving regulators and practitioners searching for the next generation of oprisk quantification. The XOI method is ideally suited to fulfil this need, as a calculated, coordinated, consistent approach designed to bridge the gap between risk quantification and risk management. This book details the XOI framework and provides essential guidance for

practitioners looking to change the oprisk modelling paradigm. Survey the range of current practices in operational risk analysis and modelling Track recent regulatory trends including capital modelling, stress testing and more Understand the XOI oprisk modelling method, and transition away from statistical approaches Apply XOI to major operational risks, such as disasters, fraud, conduct, legal and cyber risk The financial services industry is in dire need of a new standard — a proven, transformational approach to operational risk that eliminates or mitigates the common issues with traditional approaches. Operational Risk Modeling in Financial Services provides practical, real-world guidance toward a more reliable methodology, shifting the conversation toward the future with a new kind of oprisk modelling.

Worldwide banks are keen to find ways of effectively measuring and managing operational risk , yet many find themselves poorly equipped to do this. Operational risk includes concerns about such issues as transaction processing errors, liability situations, and back-office failure. Measuring and Modelling Operational Risk focuses on the measuring and modelling techniques banks and investment companies need to quantify operational risk and provides practical, sensible solutions for doing so. * Author is one of the leading experts in the field of operational risk. * Interest in the field is growing rapidly and this is the only book that focuses on the quantitative measuring and modelling of operational risk. * Includes case vignettes and real-world examples based on the author's extensive experience.

Taking into account the standards of the Basel Accord, Operational Risk Modelling and Management presents a simulation model for generating the loss distribution of operational risk. It also examines a multitude of management issues that must be considered when adjusting the quantitative results of a comprehensive model. The book emphasizes techniques that can be understood and applied by practitioners. In the quantitative portions of the text, the author supplies key concepts and definitions without stating theorems or delving into mathematical proofs. He also offers references for readers looking for further background information. In addition, the book includes a Monte Carlo simulation of risk capital in the form of a run-through example of risk calculations based on data from a quantitative impact study. Since the computations are too complicated for a scripting language, a prototypical software program can be downloaded from www.garrulus.com

Helping you navigate the tricky world of risk calculation and management, this book presents two main building blocks for determining how much capital needs to be reserved for operational risk. It employs the loss distribution approach as a model for calculating the risk capital figure and explains risk mitigation through management and management’s actuations.

How to apply operational risk theory to real-life banking data Modelling Operational and Reputational Risks shows practitioners the best models to use in a given situation, according to the type of risk an organization is facing. Based on extensive applied research on operational risk models using real bank datasets, it offers a wide range of various testing models and fitting techniques for financial practitioners. With this book, professionals will have a foundation for measuring and predicting these important intangibles. Aldo Soprano (Madrid, Spain) is Group Head of operational risk management at UniCredit Group.

Risk management is one of the biggest issues facing the financial markets today. This volume outlines the major issues for risk management and focuses on operational risk as a key activity in managing risk on an enterprise-wide basis.

A practical guide to the practices and procedures of effectivelymanaging banking risks Managing Risks in Commercial and Retail Banking takes anin-depth, logical look at dealing with all aspects of riskmanagement within the banking sector. It presents complex processesin a simplified way by providing real-life situations andexamples. The book examines all dimensions of the risks that banksface—both the financial risks—credit, market, andoperational—and the non-financial risks—moneylaundering, information technology, business strategy, legal, andreputational. Focusing on methods and models for identifying,measuring, monitoring, and controlling risks, it provides practicaladvice backed up by solid theories, without resorting to the use ofcomplicated mathematical and statistical formulas. Author Amalendu Ghosh exposes topics that are usually absent inbooks on managing banking risk—such as design of controlframework, risk management architecture, credit risk rating,risk-based loan pricing, portfolio analysis, business continuityplanning, and corporate governance. Author has extensive experience with a variety of major banksand institutions worldwide and brings a fresh perspective in thewake of the global finance crisis Presents a novel approach using models of the credit riskrating of different types of borrowers, the methodology forassigning weights for deriving the rating, and the scoringprocess Covers the essentials of corporate governance and options forcredit risk assessment in line with the recommendations made in theNew Basel Capital Accord Explains the methodology of risk-based internal audit,including techniques to enable bank branches to switch over fromthe old transaction-based audit methods With its logical sequence of the aspects of risk management, thebook's layout is ideal for presentations, making it a handy toolfor risk management training

Developments in IT and e-commerce, large-scale mergers and acquisitions, andincreased outsourcing all suggest that operational risk exposures are substantialand growing. In recent years, bankers and financial professions have recognizedthe crucial and growing importance of operational risk management, and thefield is currently undergoing a surge of innovation and development. In thisauthoritative, up-to-date book, Operational Risk, leading operational riskmanagement expert Carol Alexander brings together contributions from theworld's leading experts to identify today's best practices for measuring andmanaging operational risks, and assessing them in the broader context of allrisk.

Operational risk is the risk of loss from inadequate or failed internal processes, people, and systems or from external events. This book explores the different types of operational risk that threaten financial institutions, and focuses on practical due-diligence methodologies that can be used to identify these risks before it is too late.

A valuable reference for understanding operational risk Operational Risk with Excel and VBA is a practical guide that only discusses statistical methods that have been shown to work in an operational risk management context. It brings together a wide variety of statistical methods and models that have proven their worth, and contains a concise treatment of the topic. This book provides readers with clear explanations, relevant information, and comprehensive examples of statistical methods for operational risk management in the real world. Nigel Da Costa Lewis (Stamford, CT) is president and CEO of StatMetrics, a quantitative research boutique. He received his PhD from Cambridge University.

Discover how to optimize business strategies from both qualitative and quantitative points of view Operational Risk: Modeling Analytics is organized around the principle that the analysis of operational risk consists, in part, of the collection of data and the building of mathematical models to describe risk. This book is designed to provide risk analysts with a framework of the mathematical models and methods used in the measurement and modeling of operational risk in both the banking and insurance sectors. Beginning with a foundation for operational risk modeling and a focus on the modeling process, the book flows logically to discussion of probabilistic tools for operational risk modeling and statistical methods for calibrating models of operational risk. Exercises are included in chapters involving numerical computations for students' practice and reinforcement of concepts. Written by Harry Panjer, one of the foremost authorities in the world on risk modeling and its effects in business management, this is the first comprehensive book dedicated to the quantitative assessment of operational risk using the tools of probability, statistics, and actuarial science. In addition to providing great detail of the many probabilistic and statistical methods used in operational risk, this book features: * Ample exercises to further elucidate the concepts in the text * Definitive coverage of distribution functions and related concepts * Models for the size of losses * Models for frequency of loss * Aggregate loss modeling * Extreme value modeling * Dependency modeling using copulas * Statistical methods in model selection and calibration Assuming no previous expertise in either operational risk terminology or in mathematical statistics, the text is designed for beginning graduate-level courses on risk and operational management or enterprise risk management. This book is also useful as a reference for practitioners in both enterprise risk management and risk and operational management.

All investments carry with them some degree of risk. In the financial world, individuals, professional money managers, financial institutions and many others encounter and must deal with risk. The main purpose of 'Investment Risk Management' is to provide an overview of developments in risk management and a synthesis of research involving the latest developments in the field.

Risk Management is one of the biggest issues facing the financial markets today. 'Managing Operational Risk in Financial Markets' outlines the major issues for risk management and focuses on operational risk as a key activity in managing risk on an enterprise-wide basis. While risk management had always been an integral part of financial activity, the 1990s has seen the requirement for risk management establish itself as a key function within banks and other financial institutions. With greater emphasis on ensuring that money is not lost through adverse market conditions, counterparty failure or inappropriate controls, systems or people, risk management has become a discipline in its own right. Managing risk is now THE paramount topic within the financial sector. Recurring major losses through the 1990s has shocked financial institutions into placing much greater emphasis on risk management and controls. The collapse of Barings and losses made by Metallgescellschaft, Orange County, Diawa and Sumitomo as a result of a lack of procedures, systems or managerial control has demonstrated to organisations the need to broaden the scope of their risk management activity from merely looking at market and credit risk. This has brought into focus the need for managing operational risk. Operational risk can only be managed on an enterprise wide basis as it includes the entire process of policies, culture, procedures, expertise and systems that an institution needs in order to manage all the risks resulting from its financial transactions. In fact, in order to effectively manage market and credit risks it is necessary to have the relevant skills and expertise in the staff, technical and organisational infrastructure, as well as monitoring and control systems. As all of these are components of operational risk, it then becomes apparent that an integrated risk management approach needs to focus on operational risk. Provides a comprehensive framework for the management of operational risk Defines the spectrum of risks faced by organisations and how they can effectively manage these Develops an enterprise-wide risk information system and defines the major challenges that need to be addressed in developing such a system

For an increasing number of banks, risk management is not merely the measurement and reporting of risk in isolation. With the recognition that it is necessary to take some risks to ensure a return, the question that all banks must ask is: are we achieving sufficient return for all the risks that we are taking? There are two necessary corollaries to the answering of this question: How does the bank ensure that all the risks have been identified? How does the bank ensure that the potential impacts of the risks are quantified in a consistent and timely fashion? This book is aimed at practitioners and covers all aspects of risk management. Part 1 of the book provides a high-level overview of modern risk management that is being applied within banks and other financial institutions around the world. Part 2 of the book is designed to cover the main approaches that banks use to measure and to control market risk. It starts with a broad discussion about market risk, and then describes both the traditional sensitivity/equivalence and modern VaR approaches using a mixture of realistic examples. The practical difficulties of implementing the approaches, as well as the approval process that must be satisfied if internal models are to be used for the determination of regulatory capital, are also discussed. Part 3 covers both the traditional, albeit briefly, and the modern approaches to the measurement and management of credit risks. It starts with a broad discussion about credit risk, and how it can arise with different examples such as straight bullet loans contrasted with the potential exposure under a swap. It then goes on to discuss different approaches to credit risk management, using a mixture of realistic examples. The practical difficulties of implementing the approaches, as well as the approval process that must be satisfied if internal models are to be used for the determination of regulatory capital, are also discussed. The rapidly growing credit derivative market is also covered, as well as the causes and effects of the banking crisis of 2007-9. Part 4 covers operational risk. The formal quantification of operational risk has been given considerable impetus by the new Accord, although the leading banks had started down this route long before. However, for many banks and other financial institutions, the process of assessing operational risks is quite new. This section of the book develops a broad methodology for the management of operational risk, covering identification, assessment, monitoring and control. The practical difficulties of implementing such methodologies are also discussed. Part 5 draws it all together, enabling practitioners to produce a framework that can be implemented in their own organization.

Using real-life examples from the banking and insurance industries, Quantitative Operational Risk Models details how internal data can be improved based on external information of various kinds. Using a simple and intuitive methodology based on classical transformation methods, the book includes real-life examples of the combination of internal data and external information. A guideline for practitioners, the book begins with the basics of managing operational risk data to more sophisticated and recent tools needed to quantify the capital requirements imposed by operational risk. The book then covers statistical theory prerequisites, and explains how to implement the new density estimation methods for analyzing the loss distribution in operational risk for banks and insurance companies. In addition, it provides: Simple, intuitive, and general methods to improve on internal operational risk assessment Univariate event loss severity distributions analyzed using semiparametric models Methods for the introduction of underreporting information A practical method to combine internal and external operational risk data, including guided examples in SAS and R Measuring operational risk requires the knowledge of the quantitative tools and the comprehension of insurance activities in a very broad sense, both technical and commercial. Presenting a nonparametric approach to modeling operational risk data, Quantitative Operational Risk Models offers a practical perspective that combines statistical analysis and management orientations.

A step-by-step, real world guide to the use of Value at Risk (VaR) models, this text applies the VaR approach to the measurement of market risk, credit risk and operational risk. The book describes and critiques proprietary models, illustrating them with practical examples drawn from actual case studies. Explaining the logic behind the economics and statistics, this technically sophisticated yet intuitive text should be an essential resource for all readers operating in a world of risk. Applies the Value at Risk approach to market, credit, and operational risk measurement. Illustrates models with real-world case studies. Features coverage of BIS bank capital requirements.

Effective risk management is essential for the success of large projects built and operated by the Department of Energy (DOE), particularly for the one-of-a-kind projects that characterize much of its mission. To enhance DOEâ€™s risk management efforts, the department asked the NRC to prepare a summary of the most effective practices used by leading owner organizations. The studyâ€™s primary objective was to provide DOE project managers with a basic understanding of both the project ownerâ€™s risk management role and effective oversight of those risk management activities delegated to contractors.

This text covers all main aspects of risk management, capital management and value creation for financial institutions.

Published in association with the Global Association of Risk Professionals As e-commerce and globalization continue to expand, so does the level of operational risk, increasing the need for guidance on how to measure and manage it. This is the definitive guide to managing operational risk in financial institutions. Written in a concise, no-nonsense style, and containing numerous real-life case studies, it covers all the bases from the basics of what operational risk is to how to design and implement sophisticated operational risk management systems. Readers will appreciate the up-to-the-minute coverage of the latest techniques and practices to manage operational risk. They will learn how to enhance their positions in the face of anticipated new regulatory standards and capital requirements. Douglas G. Hoffman (Fairfield, CT) is an independent consultant in operational risk management. His firm, Operational Risk Advisors, provides executive training and assists financial institutions and corporate clients worldwide in operational risk analysis and mitigation.

Operational risk is emerging as the third leg of an institutional risk strategy for financial institutions. Now recognized as a potential source of financial waste, operational risk has become the subject of surveys, analysis, and the search for a comprehenvise set of definitions and a shared framework. Written by a leading expert on operational risk measurement, this important work puts forth a cradle-to-grave hands-on approach that concentrates on measurement of risk in order to provide the needed feedback for managing and mitigating it. Using both theoretical and practical material, he lays out a foundation theory that can be applied and refined for application in the financial sector and beyond which includes a new technique called Delta-EVT(trademark). This technique is a combination of two existing methods which provides for the complete measurement of operational risk loss. The book contains comprehensive step-by-step descriptions based on real-world examples, formulas and procedures for calculating many common risk measures and building causal models using Bayesian networks, and background for understanding the history and motivation for addressing operational risk.

Businesspersons—including engineers, managers, and technoprenuers—are trained and drilled to make things happen. Part of their practice is to guide others on building monuments of success, and to make difficult decisions along the way. However, they will all realize that decisions they make eventually determine the chances they take, and become fraught with uncertainty. This book is developed to give businesspersons the opportunity to learn operational risk management from a systems perspective and be able to readily put this learning into action, whether in the classroom or the office, coupled with their experience and respective discipline.

A best practices guide to all of the elements of an effective operational risk framework While many organizations know how important operational risks are, they still continue to struggle with the best ways to identify and manage them. Organizations of all sizes and in all industries need best practices for identifying and managing key operational risks, if they intend on exceling in today's dynamic environment. Operational Risk Management fills this need by providing both the new and experienced operational risk professional with all of the tools and best practices needed to implement a successful operational risk framework. It also provides real-life examples of successful methods and tools you can use while facing the cultural challenges that are prevalent in this field. Contains informative post-mortems on some of the most notorious operational risk events of our time Explores the future of operational risk in the current regulatory environment Written by a recognized global expert on operational risk An effective operational risk framework is essential for today's organizations. This book will put you in a better position to develop one and use it to identify, assess, control, and mitigate any potential risks of this nature.

This book covers Operational Risk Management (ORM), in the current context, and its new role in the risk management field. The concept of operational risk is subject to a wide discussion also in the field of ORM’s literature, which has increased throughout the years. By analyzing different methodologies that try to integrate qualitative and quantitative data or different measurement approaches, the authors explore the methodological framework, the assumptions, statistical tool, and the main results of an operational risk model projected by intermediaries. A guide for academics and students, the book also discusses the avenue of mitigation acts, suggested by the main results of the methodologies applied. The book will appeal to students, academics, and financial supervisory and regulatory authorities.

Guide to Optimal Operational Risk and Basel II presents the key aspects of operational risk management that are also aligned with the Basel II requirements. This volume provides detailed guidance for the design and implementation of an efficient operational risk management system. It contains all elements of assessment, including operational risk i

Models and methods for operational risks assessment and mitigation are gaining importance in financial institutions, healthcare organizations, industry, businesses and organisations in general. This book introduces modern Operational Risk Management and describes how various data sources of different types, both numeric and semantic sources such as text can be integrated and analyzed. The book also demonstrates how Operational Risk Management is synergetic to other risk management activities such as Financial Risk Management and Safety Management. Operational Risk Management: a practical approach to intelligent data analysis provides practical and tested methodologies for combining structured and unstructured, semantic-based data, and numeric data, in Operational Risk Management (OpR) data analysis. Key Features: The book is presented in four parts: 1) Introduction to OpR Management, 2) Data for OpR Management, 3) OpR Analytics and 4) OpR Applications and its Integration with other Disciplines. Explores integration of semantic, unstructured textual data, in Operational Risk Management. Provides novel techniques for combining qualitative and quantitative information to assess risks and design mitigation strategies. Presents a comprehensive treatment of "near-misses" data and incidents in Operational Risk Management. Looks at case studies in the financial and industrial sector. Discusses application of ontology engineering to model knowledge used in Operational Risk Management. Many real life examples are presented, mostly based on the MUSING project co-funded by the EU FP6 Information Society Technology Programme. It provides a unique multidisciplinary perspective on the important and evolving topic of Operational Risk Management. The book will be useful to operational risk practitioners, risk managers in banks, hospitals and industry looking for modern approaches to risk management that combine an analysis of structured and unstructured data. The book will also benefit academics interested in research in this field, looking for techniques developed in response to real world problems.

A comprehensive and innovative look at how to protect financial institutions from operational risks Operational risk is the risk associated with human error, systems failures, and inadequate controls and procedures in information systems or internal controls that will result in an unexpected loss. According to a recent survey, about seventy percent of banks consider operational risk as important as market or credit risks. Nearly a quarter of the same banks admit to operation-related losses of more than $1.6 million-many cases are so embarrassing that banks will not actually admit any error on their part. Firms are just beginning to develop their own operational risk management systems and they need guidance on how to do it. This book will help them identify, measure, and manage their operational risks. Christopher Marshall (Singapore) is Associate Director of the Center for Financial Engineering at the National University of Singapore. He has written numerous articles in Risk magazine and Harvard Business School cases.

A practical guide to identifying, analyzing and tackling operational risk in banks and financial institutions Created for banking and finance professionals with a desire to expand their management skill set, this book focuses on operational risk and operational risk events, as distinct from other types of functional risks. It was written by the experts at the world-renowned Hong Kong Institute of Bankers, an organization dedicated to providing the international banking community with education and training. Schools you in techniques for analyzing the operational risk exposure of banking institutions and assessing how operational risk impacts on other types of risk Provides expert guidance on how to design, plan and implement systems for operational risk management and quality control Describes a comprehensive approach to operational risk management that includes data collection, modeling and an overall risk management structure Shows you how to develop operational risk management solutions to help your company minimize losses without negatively impacting its ability to generate gains Offers expert guidance on various regulatory frameworks and how the latest Basel II and Basel III requirements impact a bank's operational risk management strategy and framework

A step-by-step guidebook for understanding—and implementing—integrated financial risk measurement and management The Fundamentals of Risk Measurement introduces the state-of-the-art tools and practices necessary for planning, executing, and maintaining risk management in today's volatile financial environment. This comprehensive book provides description and analysis of topics including: Economic capital Risk adjusted return on capital (RAROC) Shareholder Value Added (SVA) Value at Risk (VaR) Asset/liability management (ALM) Credit risk for a single facility Credit risk for portfolios Operating risk Inter-risk diversification The Basel Committee Capital Accords The banking world is driven by risk. The Fundamentals of Risk Measurement shows you how to quantify that risk, outlining an integrated framework for risk measurement and management that is straightforward, practical for implementation, and based on the realities of today's tumultuous global marketplace. "Banks make money in one of two ways: providing services to customers and taking risks. In this book, we address the business of making money by taking risk...."—From the Introduction In The Fundamentals of Risk Measurement, financial industry veteran Chris Marrison examines what banks must do to succeed in the business of making money by taking risk. Encompassing the three primary areas of banking risk—market, credit, and operational—and doing so in a uniquely intuitive, step-by-step format, Marrison provides hands-on details on the primary tools for financial risk measurement and management, including: Plain-English evaluation of specific risk measurement tools and techniques Use of Value at Risk (VaR) for assessment of market risk for trading operations Asset/liability management (ALM) techniques, transfer pricing, and managing market and liquidity risk The many available methods for analyzing portfolios of credit risks Using RAROC to compare the risk-adjusted profitability of businesses and price transactions In addition, woven throughout The Fundamentals of Risk Measurement are principles underlying the regulatory capital requirements of the Basel Committee on Banking Supervision, and what banks must do to understand and implement them. The requirements are defined, implications of the New Capital Accord are presented, and the major steps that a bank must take to implement the New Accord are discussed. The resulting thumbnail sketch of the Basel Committee, and specifically the New Capital Accord, is valuable as both a ready reference and a foundation for further study of this important initiative. Risk is unavoidable in the financial industry. It can, however, be measured and managed to provide the greatest risk-adjusted return, and limit the negative impacts of risk to a bank's shareholders as well as potential borrowers and lenders. The Fundamentals of Risk Management provides risk managers with an approach to risk-taking that is both informed and prudent, one that shows operations managers how to control risk exposures as it allows decision-making executives to direct resources to opportunities that are expected to create maximum return with minimum risk. The result is today's most complete introduction to the business of risk, and a valuable reference for anyone from the floor trader to the officer in charge of overseeing the entire risk management operation.

Frontiers of Risk Management was developed as a text to look at how risk management would develop in the light of Basel II. With an objective of being 10 years ahead of its time, the contributors have actually had even greater foresight. What is clear is that risk management still faces the same challenges as it did ten years ago. With a series of experts considering financial services risk management in each of its key areas, this book enables the reader to appreciate a practitioners view of the challenges that are faced in practice identifying where appropriate suitable opportunities.

There is a growing awareness across both public and private sectors, that the key to embedding an effective risk culture lies in raising the general education and understanding of risk at every level in the organization. This is exactly the purpose of David Tattam's book. A Short Guide to Operational Risk provides you with a basic yet comprehensive overview of the nature of operational risk in organizations. It introduces operational risk as a component of enterprise wide risk management and takes the reader through the processes of identifying, assessing, quantifying and managing operational risk; explaining the practical aspects of how these steps can be applied to an organization using a range of management tools. The book is fully illustrated with graphs, tables and short examples, all designed to make a subject that is often poorly understood, comprehensible and engaging. A Short Guide to Operational Risk is a book to be read and shared at all levels of the organization; it offers a common understanding and language of risk that will provide individual readers with the basis to develop risk management skills, appropriate to their role in the business.