

Continuous Risk Management Guidebook

Your business reputation can take years to build and mere minutes to destroy. The range of business threats is evolving rapidly but your organization can thrive and gain a competitive advantage with your business vision for enterprise risk management. Trends affecting markets, events in the global financial markets, changing technologies, environmental priorities, dependency on intellectual property, all underline how important it is to keep up to speed on the latest financial risk management practices and procedures. This popular book on enterprise risk management has been expanded and updated to include new themes and current trends for today's risk practitioner. It features up-to-date materials on new threats, lessons from the recent financial crisis, and how businesses need to protect themselves in terms of business interruption, security, project and reputational risk management. Project risk management is now a mature discipline with an international standard for its implementation. This book reinforces that project risk management needs to be systematic, but also that it must be embedded to become part of an organization's DNA. This book promotes techniques that will help you implement a methodical and broad approach to risk management. The author is a well-known expert and boasts a wealth of experience in project and enterprise risk management. Easy-to-navigate structure breaks down the risk management process into stages to aid implementation. Examines the external influences that bring sources of business risk that are beyond your control. Provides a handy chapter with tips for commissioning consultants for business risk management services. It is a business imperative to have a clear vision for risk management. Simple Tools and Techniques for Enterprise Risk Management, Second Edition shows you the way.

"This book provides organizational and managerial directions to support the greater use and management of electronic or digital government technologies in organizations, while epitomizing the current e-government research available"--Provided by publisher.

2012 International Conference on Affective Computing and Intelligent Interaction (ICACII 2012) was the most comprehensive conference focused on the various aspects of advances in Affective Computing and Intelligent Interaction. The conference provided a rare opportunity to bring together worldwide academic researchers and practitioners for exchanging the latest developments and applications in this field such as Intelligent Computing, Affective Computing, Machine Learning, Business Intelligence and HCI. This volume is a collection of 119 papers selected from 410 submissions from universities and industries all over the world, based on their quality and relevancy to the conference. All of the papers have been peer-reviewed by selected experts.

Risk Management and Business Continuity are essential for the competitive capacity of any international corporation. The temporary unavailability of technology and services can endanger the existence of any company. It is crucial to develop an international strategy to deal with these problems. This book provides theoretical analysis and practical solutions on these topics.

Concepts, Methodologies, Tools, and Applications

New E-Government Research

Agile Processes in Software Engineering and Extreme Programming

Digital Democracy: Concepts, Methodologies, Tools, and Applications

Port Risk Management Guidebook

A Guide for Software Project Managers

The Aerospace Project Management Handbook focuses on space systems, exploring intricacies rarely seen in land-based projects. These range from additional compliance requirements from Earned Value Management requirements and regulations (ESA, NASA, FAA), to criticality and risk factors for systems where repair is impossible. Aerospace project management has become a pathway for success in harsh space environments, as the Handbook demonstrates. With chapters written by experts, this comprehensive book offers a step-by-step approach emphasizing the applied techniques and tools, and is a prime resource for program managers, technical leads, systems engineers, and principle payload leads.

The XP conference series established in 2000 was the first conference dedicated to agile processes in software engineering. The idea of the conference is to offer a unique setting for advancing the state of the art in the research and practice of agile processes. This year's conference was the ninth consecutive edition of this international event. The conference has grown to be the largest conference on agile software development outside North America. The XP conference enjoys being one of those conferences that truly brings practitioners and academics together. About 70% of XP participants come from industry and the number of academics has grown steadily over the years. XP is more of an experience rather than a regular conference. It offers several different ways to interact and strives to create a truly collaborative environment where new ideas and exciting findings can be presented and shared. For example, this year's open space session, which was "a conference within a conference", was larger than ever before. Agile software development is a unique phenomenon from several perspectives.

A comprehensive reference manual to the Certified Software Quality Engineer Body of Knowledge and study guide for the CSQE exam.

The theme of this manual is failure physics - the study of how products, hardware, software, and systems fail and what can be done about it. The intent is to impart useful information, to extend the limits of production capability, and to assist in achieving low-cost reliable products. In a broader sense the manual should do more. It should underscore the urgent need for mature attitudes toward reliability. Five of the chapters were originally presented as a classroom course to over 1000 Martin Marietta engineers and technicians. Another four chapters and three appendixes have been added. We begin with a view of reliability from the years 1940 to 2000. Chapter 2 starts the training material with a review of mathematics and a description of what elements contribute to product failures. The remaining chapters elucidate basic reliability theory and the disciplines that allow us to control and eliminate failures.

ECIW2009

Understanding and Managing Risk Attitude

Affective Computing and Intelligent Interaction

Simple Tools and Techniques for Enterprise Risk Management

Effective Opportunity Management for Projects

Guidebook on Risk Analysis Tools and Management Practices to Control Transportation Project Costs

Knowledge-Based Intelligent Information and Engineering Systems

Software professionals and companies live in a new world today. Increasingly complex systems need to be built faster and cheaper. While many of the established approaches in software quality are still valid, the software quality community is going through a paradigm shift that requires a re-assessment of our current method and tool portfolio, as well as creating new and more effective solutions. We have selected two themes for this conference to highlight this paradigm shift. Our first theme, "production of attractive and reliable software at Internet speed" sums up the dilemma many software organisations face. In order to be competitive, software should contain advanced features and run reliably - yet it should be developed quickly and cost effectively for the right market window. Finding the right balance between these objectives is a critical question that will determine business success in the years to come. Our second theme, "production of software with a dynamic partnership network" highlights the current trend of using partnerships and subcontractors as integral players in the software development process. Partnerships sometimes need to be created quickly to respond to a market opportunity, yet the costs and speed of cooperation must be competitive. Different companies have different processes, quality tools and cultures, yet they should cooperate seamlessly for the best result.

This Seventh Edition of Donald Reifer's popular, bestselling tutorial summarizes what software project managers need to know to be successful on the job. The text provides pointers and approaches to deal with the issues, challenges, and experiences that shape their thoughts and performance. To accomplish its goals, the volume explores recent advances in dissimilar fields such as management theory, acquisition management, globalization, knowledge management, licensing, motivation theory, process improvement, organization dynamics, subcontract management, and technology transfer. Software Management provides software managers at all levels of the organization with the information they need to know to develop their software engineering management strategies for now and the future. The book provides insight into management tools and techniques that work in practice. It also provides sufficient instructional materials to serve as a text for a course in software management. This new edition achieves a balance between theory and practical experience. Reifer systematically addresses the skills, knowledge, and abilities that software managers, at any level of experience, need to have to practice their profession effectively. This book contains original articles by leaders in the software management field written specifically for this tutorial, as well as a collection of applicable reprints. About forty percent of the material in this edition has been produced specifically for the tutorial. Contents: * Introduction * Life Cycle Models * Process Improvement * Project Management * Planning Fundamentals * Software Estimating * Organizing for Success * Staffing Essentials * Direction Advice * Visibility and Control * Software Risk Management * Metrics and Measurement * Acquisition Management * Emerging Management Topics "The challenges faced by software project managers are the gap between what the customers can envision and the reality on the ground and how to deal with the risks associated with this gap in delivering a product that meets requirements on time and schedule at the target costs. This tutorial hits the mark by providing project managers, practitioners, and educators with source materials on how project managers can effectively deal with this risk." -Dr. Kenneth E. Nidiffer, Systems & Software Consortium, Inc. "The volume has evolved into a solid set of foundation works for anyone trying to practice software management in a world that is increasingly dependent on software release quality, timeliness, and productivity." -Walker Royce, Vice President, IBM Software Services-Rational

With step-by-step guidelines, this bestselling reference discusses the management of project opportunities by expanding the traditional risk management process to address opportunities alongside threats. It offers valuable tools and techniques that expose and capture opportunities, minimize threats, and deal with all types of uncertainty in your business and projects. Written by an experienced consultant and risk management specialist, this guide emphasizes that risk processes must cover both opportunities and threats if they are to assist in accomplishing project objectives and maximizing business benefits.

This guidebook provides guidance to state departments of transportation for using specific, practical, and risk-related management practices and analysis tools for managing and controlling transportation project costs. Containing a toolbox for agencies to use in selecting the appropriate strategies, methods and tools to apply in meeting their cost-estimation and cost-control objectives, this guidebook should be of immediate use to practitioners that are accountable for the accuracy and reliability of cost estimates during planning, priority programming and preconstruction.

Software Quality - ECSQ 2002

Software Quality Assurance

Risk Modeling, Assessment, and Management

Exploiting Positive Risk

Societal Specification Standard

12th International Conference, KES 2008, Zagreb, Croatia, September 3-5, 2008, Proceedings, Part II

A Focus on HR Approach in Multinational Corporations

Chuck, using a cut-to-the-chase reader journey, takes one through the core material of classic and contemporary MBA Program course offerings. And, he adds new exciting 21st Century courses that provides the "must know" knowledge that can be immediately applied to all business, industry and government situations.

From driverless cars to vehicular networks, recent technological advances are being employed to increase road safety and improve driver satisfaction. As with any newly developed technology, researchers must take care to address all concerns, limitations, and dangers before widespread public adoption. Transportation Systems and Engineering: Concepts, Methodologies, Tools, and Applications addresses current trends in transportation technologies, such as smart cars, green technologies, and infrastructure development. This multivolume book is a critical reference source for engineers, computer scientists, transportation authorities, students, and practitioners in the field of transportation systems management.

Despite many years of development, risk management remains problematic for the majority of organizations. One common challenge is the human dimension, in other words, the way people perceive risk and risk management. Risk management processes and techniques are operated by people, each of whom is a complex individual, influenced by many different factors. And the problem is compounded by the fact that most risk management involves people working in groups. This introduces further layers of complexity through relationships and group dynamics. David Hillson's and Ruth Murray-Webster's Understanding and Managing Risk Attitude will help you understand the human aspects of risk management and to manage proactively the influence of human behaviour on the risk process. The authors introduce a range of models, perspectives and examples to define and detail the range of possible risk attitudes; looking both at individuals and groups. Using leading-edge thinking on self-awareness and emotional literacy, they develop a powerful approach to address the most common shortfall in current risk management: the failure to manage the human aspects of the process. All this is presented in a practical and applied framework, rather than as a theoretical or academic treatise, based on the authors' shared experiences and expertise, rather than empirical research. Anyone involved in implementing risk management will benefit from this book, including risk practitioners, senior managers and directors responsible for corporate governance, project managers and their teams. It is also essential reading for HR professionals and others interested in organizational or behavioural psychology. This second edition is updated to strengthen the understanding of individual risk attitudes and reinforce what individuals can do to manage those risk attitudes that are leading them away from their objectives. For people who want to embrace this subject, the book highlights ways forward that are proven and practical.

An updated and revised edition of a bestselling guide to project management. The first edition of The Fast Forward MBA in Project Management sold over 100,000 copies and has been widely adopted in university courses and corporate training programs around the world. The book teaches the basic methods for defining, planning, and tracking a project, as well as techniques for leading and building strong project teams. This new edition includes: Downloadable, customizable project management forms. Study aids for passing the popular Project Management Professional certification exam. Guidelines for building high-performance project teams. New examples of project management at work in the 21st century. Eric Verzuh (Seattle, WA) is certified by the Project Management Institute and is President of The Versatile Company, which delivers project management training and consulting services to such companies as Adobe Systems, Inc., GE, Lockheed Martin, Nordstrom, and the United States Postal Service. He is also the author of The Portable MBA in Project Management (0-471-26899-2), from Wiley.

Quality Connection - 7th European Conference on Software Quality, Helsinki, Finland, June 9-13, 2002. Proceedings

Effective Risk Management

In 90 Days or less!

Aerospace Project Management Handbook

ECIW2009-8th European Conference on Information Warfare and Security

Managing Risk

Continuous Risk Management Guidebook

This book constitutes the proceedings of the 23rd Ada-Europe International Conference on Reliable Software Technologies, Ada-Europe 2018, held in Lisbon, Portugal, in June 2018. The 10 papers presented in this volume were carefully reviewed and selected from 27 submissions. They were organized in topical sections named: safety and security; Ada 202X; handling implicit overhead; real-time scheduling; and new application domains.

"The increasing rate of technological change we are experiencing in our lifetime yields competitive advantage to organizations and individuals who are willing to embrace risk and the opportunities it presents. Those who choose to minimize or avoid risk, as opposed to managing it, set a course for obsolescence. Hall has captured the essence of risk management and given us a practical guide for the application of useful principles in software-intensive product development. This is must reading for public and private sector managers who want to succeed as we begin the next century." - Daniel P. Czelusniak, Director, Acquisition Program Integration Office of the Under Secretary of Defense (Acquisition and Technology) The Pentagon "Since it is more than just common sense, the newcomer to risk management needs an intelligent guide. It is in this role that Elaine Hall's book excels. This book provides a set of practical and well-delineated processes for implementation of the discipline." - Tom DeMarco, from the Foreword Risk is inherent in the development of any large software system. A common approach to risk in software development is to ignore it and hope that no serious problems occur. Leading software companies use quantitative risk management methods as a more useful approach to achieve success. Written for busy professionals charged with delivering high-quality products on time and within budget, Managing Risk is a comprehensive guide that describes a success formula for managing software risk. The book is divided into five parts that describe a risk management road map designed to take you from crisis to control of your software project. Highlights include: Six disciplines for managing product development. Steps to predictable risk-management process results. How to establish the infrastructure for a risk-aware culture. Methods for the implementation of a risk management plan. Case studies of people in crisis and in control.

Continuous Risk Management GuidebookManaging Information Security RisksThe OCTAVE ApproachAddison-Wesley Professional

Few software projects are completed on time, on budget, and to their original specifications. Focusing on what practitioners need to know about risk in the pursuit of delivering software projects, Applied Software Risk Management: A Guide for Software Project Managers covers key components of the risk management process and the software development process, as well as best practices for software risk identification, risk planning, and risk analysis. Written in a clear and concise manner, this resource presents concepts and practical insight into managing risk. It first covers risk-driven project management, risk management processes, risk attributes, risk identification, and risk analysis. The book continues by examining responses to risk, the tracking and modeling of risks, intelligence gathering, and integrated risk management. It concludes with details on drafting and implementing procedures. A diary of a risk manager provides insight in implementing risk management processes. Bringing together concepts across software engineering with a project management perspective, Applied Software Risk Management: A Guide for Software Project Managers presents a rigorous, scientific method for identifying, analyzing, and resolving risk.

Reliability and Maintainability (RAM) Training

Software Management

Reliable Software Technologies Ada-Europe 2000

Contract and Commercial Management - The Operational Guide

Applied Technology Integration in Governmental Organizations: New E-Government Research

The Portable MBA in Project Management

Volume 39 - Supplement 24 - Entity Identification to Virtual Reality in Driving Simulation

Edited by one of the best-known and most widely respected figures in the field, "Planning for Information Systems" is a comprehensive, single source overview of the myriad ideas and processes that are identified with IS planning. While many chapters deal with high level strategic planning, the book gives equal attention to on-the-ground planning issues. Part I, 'Key Concepts of IS Planning', focuses on how IS planning has evolved over the years; business-IS strategic alignment; and the role of dynamic organizational capabilities in leveraging IS competencies. Part II, 'The Organizational IS Planning Process', describes IS planning in terms of critical success factors and includes a knowledge-based view of IS planning; a practical assessment of strategic alignment; the IT budgeting process; the search for an optimal level of IS strategic planning; and the role of organizational learning in IS planning. Part III, 'IS Investment Planning', deals with predicting the value that an IS project may have; a 'rational expectations' approach to assessing project payoffs; assessing the social costs and benefits of projects; an options-based approach to managing project risks; planning for project teams; and the moderating effects of coordinated planning. Part IV, 'Goals and Outcomes of IS Planning', considers information strategy as a goal and/or outcome of IS planning; IT infrastructure as a goal or outcome; competitive advantage as a goal or outcome; e-process partnership chains; and planning successful Internet-based projects.

Numerous methods exist to model and analyze the different roles, responsibilities, and process levels of information technology (IT) personnel. However, most methods neglect to account for the rigorous application and evaluation of human errors and their associated risks. This book fills that need.

Modeling, Evaluating, and Predicting IT Human Resources Performance explains why it is essential to account for the human factor when determining the various risks in the software engineering process. The book presents an IT human resources evaluation approach that is rooted in existing research and describes how to enhance existing approaches through strict use of software measurement and statistical principles and criteria. Discussing IT human factors from a risk assessment point of view, the book identifies, analyzes, and evaluates the basics of IT human performance. It details the IT human factors required to achieve desired levels of human performance prediction. It also provides a rigorous investigation of existing human factors evaluation methods, including IT expertise and Big Five, in combination with powerful statistical methods, such as failure mode and effect analysis (FMEA) and design of experiment (DoE). Supplies an overview of existing methods of human risk evaluation. Provides a detailed analysis of IT role-based human factors using the well-known Big Five method for software engineering. Models the human factor as a risk factor in the software engineering process. Summarizes emerging trends and future directions. In addition to applying well-known human factors methods to software engineering, the book presents three models for analyzing psychological characteristics. It supplies profound analysis of human resources within the various software processes,

including development, maintenance, and application under consideration of the Capability Maturity Model Integration (CMMI) process level five.

Written for people who manage information security risks for their organizations, this book details a security risk evaluation approach called "OCTAVE." The book provides a framework for systematically evaluating and managing security risks, illustrates the implementation of self-directed evaluations, and shows how to tailor evaluation methods to the needs of specific organizations. A running example illustrates key concepts and techniques. Evaluation worksheets and a catalog of best practices are included. The authors are on the technical staff of the Software Engineering Institute. Annotation copyrighted by Book News, Inc., Portland, OR

Almost 80% of CEOs say that their organization must get better at managing external relationships. According to The Economist, one of the major reasons why so many relationships end in disappointment is that most organizations 'are not very good at contracting'. This ground-breaking title from leading authority IACCM (International Association for Contract and Commercial Management) represents the collective wisdom and experience of Contract, Legal and Commercial experts from some of the world 's leading companies to define how to partner for performance. This practical guidance is designed to support practitioners through the contract lifecycle and to give both 'supply' and 'buy' perspectives, leading to a more consistent approach and language that supports greater efficiency and effectiveness. Within the five phases described in this book (Initiate, Bid, Development, Negotiate and Manage), readers will find invaluable guidance on the whole lifecycle with insights to finance, law and negotiation, together with dispute resolution, change control and risk management. This title is the official IACCM operational guidance and fully supports and aligns with the course modules for Certification.

Enterprise Risk and Opportunity Management

Risk Management in Software Development Projects

Increasing the Probability of Project Success

Getting Software Projects Back on Track

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

A Risk Management and Insurance Reference for U.S. Ports

Some Keys to Success

This important new text defines the steps to effective risk management and helps readers create a viable risk management process and implement it on their specific project. It will also allow them to better evaluate an existing risk management process, identify some of the shortfalls, and develop and implement needed enhancements.

The book shows the most effective way of balancing the fundamental pillars, assisting the modern day manager by handling a dynamic, constantly adjusting workplace, which easily adapts to all challenges and changes. It was written by an international project management professor and technology expert speaking directly to managers and engineers about the four dimensions of international project management: people, value engineering and multinational cooperation. International Project Management: A Practical Guide to Success, bridges the gap of knowledge and highlight the modern and effective findings related to international project management, value engineering, and multinational cooperation. The author teaches about specifics of international project management, defines what exactly a project should contain, sharing personal examples as well as models that include all the required steps to reach the set goals. Readers will be able to immediately implement these skills into work, find the motivation to complete tasks, and have confidence easily manage and complete tasks.

"This book presents a vital compendium of research detailing the latest case studies, architectures, frameworks, methodologies, and research on Digital Democracy"--Provided by publisher.

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 focus on 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 technology sector. 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 management strategies for organizations in which the advancement and integration of science and technology within complex systems is necessary for accomplishment of the mission. Commercial EROM strategies do not translate directly to 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 special 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 Move from lower to higher levels of the organization Gain expert insights specific to the technology sector Mitigate and control the risk that comes with pursuing discovery In practice, EROM in this sector involves working with mostly qualitative data and 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.

No BS..Your MBA Primer

9th International Conference, XP 2008, Limerick, Ireland, June 10-14, 2008, Proceedings

Planning for Information Systems

Encyclopedia of Computer Science and Technology

The Fast Forward MBA in Project Management

Encyclopedia of Software Engineering Three-Volume Set (Print)

Managing Information Security Risks

Presents systems-based theory, methodology, and applications in risk modeling, assessment, and management This book examines risk analysis, focusing on quantifying risk and constructing probabilities for real-world decision-making, including engineering, design, technology, institutions, organizations, and policy. The author presents fundamental concepts (hierarchical holographic modeling; state space; decision analysis; multi-objective trade-off analysis) as well as advanced material (extreme events and the partitioned multi-objective risk method; multi-objective decision trees; multi-objective risk impact analysis method; guiding principles in risk analysis); avoids higher mathematics whenever possible; and reinforces the material with examples and case studies. The book will be used in systems engineering, enterprise risk management, engineering management, industrial engineering, civil engineering, and operations research. The fourth edition of Risk Modeling, Assessment, and Management features: Expanded chapters on systems-based guiding principles for risk modeling, planning, assessment, management, and communication; modeling interdependent and interconnected complex systems of systems with phantom system models; and hierarchical holographic modeling An expanded appendix including a Bayesian analysis for the prediction of chemical carcinogenicity, and the Farmer's Dilemma formulated and solved using a deterministic linear model Updated case studies including a new case study on sequential Pareto-optimal decisions for emergent complex systems of systems A new companion website with over 200 solved exercises that feature risk analysis theories, methodologies, and application Risk Modeling, Assessment, and Management, Fourth Edition, is written for both undergraduate and graduate students in systems engineering and systems management courses. The text also serves as a resource for academic, industry, and government professionals in the fields of homeland and cyber security, healthcare, physical infrastructure systems, engineering, business, and more.

Entity Identification to Virtual Reality in Driving Simulation

*Very few software projects are completed on time, on budget, and to their original specification causing the global IT software industry to lose billions each year in project overruns and reworking software. Research supports that projects usually fail because of management mistakes rather than technical mistakes. Risk Management in Software Development Projects focuses on what the practitioner needs to know about risk in the pursuit of delivering software projects. Risk Management in Software Development Projects will help all practicing IT Project Managers and IT Managers understand: * Key components of the risk management process * Current processes and best practices for software risk identification * Techniques of risk analysis * Risk Planning * Management processes and be able to develop the process for various organizations*

The most comprehensive General, Organic, and Biochemistry book available, Introduction to General, Organic, and Biochemistry, 11th Edition continues its tradition of a solid development of problem-solving skills, numerous examples and practice problems, along with coverage of current applications. Written by an experienced author team, they skillfully anticipate areas of difficulty and pace the book accordingly. Readers will find the right mix of general chemistry compared to the discussions on organic and biochemistry. Introduction to General, Organic, and Biochemistry, 11th Edition has clear & logical explanations of chemical concepts and great depth of coverage as well as a clear, consistent writing style which provides great readability. An emphasis on Real-World aspects of chemistry makes the reader comfortable in seeing how the chemistry will apply to their career.

Business Continuity

5th Ada-Europe International Conference Potsdam, Germany, June 26-30, 2000, Proceedings

Transportation Systems and Engineering: Concepts, Methodologies, Tools, and Applications

The Certified Software Quality Engineer Handbook

International Project Management, Volume I

Catastrophe Disentanglement

Modeling, Evaluating, and Predicting IT Human Resources Performance

This publication is the Project Plan for a community-type society. A societal-level project plan describes the organized thinking and execution of a socio-technical environment; the societal structuring of community. This project plan identifies humanity's project to create a global community-type society for the fulfillment of that which everyone has mutually in common. This is a planned project for a configuration of society that may be tested in its results at optimally meeting all human life requirements at the global scale. This is a planning and work proposal for an open-source, societal-level project. This document describes and explains a unified approach to actions and results that is likely, given what is known and accessible, to improve all of humanity. This is the plan for societal navigation that specifies an approach, direction, and execution to socio-technical life. The project plan has three core sections: (1) Approach to project execution, (2) Direction of project execution, and (3) Execution of project execution. The standard details the complete, plannable information set for the society's operation, including its approach to action, its direction of action, and its execution and adaptation of action. Herein, these concepts, their relationships and understandings, are defined and modeled. Discursive reasoning is provided for this specific configuration of a project plan, as opposed to the selection and encoding of other configurations. A project plan provides for the formalized project-based development operation of a society, organized in time and with available resources, coordinated to become a societal service system for human fulfillment and ecological well-being.

Dies ist der Nachfolgetitel des erfolgreichen "The Fast Forward MBA in Project Management", von dem bislang über 70.000 Exemplare verkauft wurden. "The Portable MBA in Project Management" diskutiert die aktuellsten Themen im Projektmanagement und enthält Beiträge von allen führenden Autoritäten auf diesem Gebiet. Die Beiträge dieser Experten verknüpfen wichtige Ideen mit Originalmaterial und decken alle Trends, alle Themen und alle Aspekte des modernen Projektmanagement ab. Autor Eric Verzuh präsentiert eine Vielzahl von erprobten Techniken für das Managen einzelner Projekte und projektbasierter Unternehmen. Hier erfahren Projektmanager, wie sie die Kraft einzelner Projekterfolge miteinander verbinden können, um das Unternehmen so zu einem höheren Maß an Produktivität und Reaktionsfreudigkeit im Kundenkontakt anzuspornen. "The Portable MBA in Project Management" - der umfassende Ratgeber für erfolgreiches Projektmanagement und ein Muss für jeden ambitionierten Projektmanager. Eric Verzuh ist als Consultant für führende internationale Unternehmen tätig, darunter u.a. Adobe, Boeing, GE und Nordstrom.

The three volume set LNAI 5177, LNAI 5178, and LNAI 5179, constitutes the refereed proceedings of the 12th International Conference on Knowledge-Based Intelligent Information and Engineering Systems, KES 2008, held in Zagreb, Croatia, in September 2008. The 316 revised papers presented were carefully reviewed and selected. The papers present a wealth of original research results from the field of intelligent information processing in the broadest sense; topics covered in the second volume are artificial intelligence driven engineering design optimization; biomedical informatics: intelligent information management from nanomedicine to public health; communicative intelligence; computational intelligence for image processing and pattern recognition; computational intelligence in human cancer research; computational intelligence techniques for Web personalization; computational intelligence techniques for bioprocess modelling, monitoring and control; intelligent computing for Grid; intelligent security techniques; intelligent utilization of soft computing techniques; reasoning-based intelligent systems: relevant reasoning for discovery and prediction; spatio-temporal database concept support for organizing virtual earth; advanced knowledge-based systems; chance discovery; innovation-oriented knowledge management platform; knowledge-based creativity support systems; knowledge-based interface systems; knowledge-based multi-criteria decision support; and knowledge-based systems for e-business.

Even the most experienced project managers aren't immune to the more common and destructive reasons for project collapses. Poor time and budget performance, failure to deal with complexity, uncontrolled changes in scope . . . they can catch anyone off guard. Performance-Based Project Management can help radically improve your project's success rate, despite these and other obstacles that will try to take it down. Readers will discover how they can increase the probability of project success, detailing a step-by-step plan for avoiding surprises, forecasting performance, identifying risk, and taking corrective action to keep a project a success. Project leaders wishing to stand out among their peers who are continually hampered by these unexpected failures will learn how to: Assess the business capabilities needed for a project Plan and schedule the work Determine the resources required to complete on time and on budget Identify and manage risks to success Measure performance in units meaningful to decision makersBy connecting mission strategy with project execution, this invaluable resource for project managers in every industry will help bring projects to successful, career-enhancing completion.

The OCTAVE Approach

Auravana Project Plan

Performance-Based Project Management

Methods for Software Systems Development

Applied Software Risk Management

IT Risk Management for International Corporations

Software engineering requires specialized knowledge of a broad spectrum of topics, including the construction of software and the platforms, applications, and environments in which the software operates as well as an understanding of the people who build and use the software. Offering an authoritative perspective, the two volumes of the Encyclopedia of Software Engineering cover the entire multidisciplinary scope of this important field. More than 200 expert contributors and reviewers from industry and academia across 21 countries provide easy-to-read entries that cover software requirements, design, construction, testing, maintenance, configuration management, quality control, and software engineering management tools and methods. Editor Phillip A. Laplante uses the most universally recognized definition of the areas of relevance to software engineering, the Software Engineering Body of Knowledge (SWEBOK®), as a template for organizing the material. Also available in an electronic format, this encyclopedia supplies software engineering students, IT professionals, researchers, managers, and scholars with unrivaled coverage of the topics that encompass this ever-changing field. Also Available Online This Taylor & Francis encyclopedia is also available through online subscription, offering a variety of extra benefits for researchers, students, and librarians, including: Citation tracking and alerts Active reference linking Saved searches and marked lists HTML and PDF format options Contact Taylor and Francis for more information or to inquire about subscription options and print/online combination packages. US: (Tel) 1.888.318.2367; (E-mail) e-reference@taylorandfrancis.com International: (Tel) +44 (0) 20 7017 6062; (E-mail) online.sales@tandf.co.uk

"There are many books available on software risks and software failures. There are very few books that provide step-by-step information on getting troubled software projects back on track. This book provides detailed guidelines for software project recovery. Some of the steps the author recommends may be unpleasant, but all are important." –Capers Jones, chief scientist emeritus at Software Productivity Research LLC "This is a well-conceived, well-written, interesting book about an important topic. The author is right in saying that no one else has covered this particular facet of project failure." –Robert L. Glass, publisher of the Software Practitioner A 10-STEP PROCESS TO IDENTIFY SEVERELY TROUBLED PROJECTS AND AVOID COSTLY FAILURE It's a software development nightmare: a project that's rapidly spiraling out of control...or already a disaster. Conventional project management techniques won't save these projects: there are no standard rescue processes to follow. You need something radically different: Catastrophe Disentanglement. Drawing on in-depth data from hundreds of development organizations, E.M. Bennatan presents a proven, 10-step program for rescuing any project that's worth saving. You'll find specific guidance for addressing massive budget overruns, schedule slippage, poor quality—or all three at once. Using practical examples drawn from decades of hands-on experience as a software development leader and consultant, Bennatan shows how to Evaluate where your project really stands Align your project's developers, managers, and customers Define the minimum acceptable project goals that are achievable Replan your project to successfully deliver the new minimum goals Identify risks in your revised project and create effective contingency plans Install an "early warning system" to keep your rescued project from slipping back toward catastrophe Catastrophe Disentanglement is an effective, comprehensive approach to software project rescue. Whenever projects are in trouble—whether you are a senior manager, project manager, team member, or software customer—this book could save your career. Preface xi Chapter 1 An Introduction to Catastrophe Disentanglement 1 Chapter 2 When Is a Project a Catastrophe? 15 Chapter 3 Step 1—Stop 43 Chapter 4 Step 2—Assign an Evaluator 57 Chapter 5 Step 3—Evaluate the Project 73 Chapter 6 Step 4—Evaluate the Team 95 Chapter 7 Step 5—Define Minimum Goals 113 Chapter 8 Step 6—Can Minimum Goals Be Achieved? 133 Chapter 9 Step 7—Rebuild the Team 147 Chapter 10 Step 8—Risk Analysis 169 Chapter 11 Step 9—Revise the Plan 189 Chapter 12 Step 10—Create an Early Warning System 209 Chapter 13 Epilogue: Putting the Final Pieces in Place 233 References 245 Glossary 255 About the Author 257 Index 259 © Copyright Pearson Education. All rights reserved.