

Environmental Project Management Principles Methodology And Processes Environmental Science And Engineering

PMBOK® Guide is the go-to resource for project management practitioners. The project management profession has significantly evolved due to emerging technology, new approaches and rapid market changes. Reflecting this evolution, The Standard for Project Management enumerates 12 principles of project management and the PMBOK® Guide – Seventh Edition is structured around eight project performance domains. This edition is designed to address practitioners' current and future needs and to help them be more proactive, innovative and nimble in enabling desired project outcomes. This edition of the PMBOK® Guide:

- Reflects the full range of development approaches (predictive, adaptive, hybrid, etc.);
- Provides an entire section devoted to tailoring the development approach and processes;
- Includes an expanded list of models, methods, and artifacts;
- Focuses on not just delivering project outputs but also enabling outcomes; and
- Integrates with PMI Standards+™ for information and standards application content based on project type, development approach, and industry sector.

Environmental Project Management Principles, Methodology, and Processes Springer

Every Culture, Irrespective Of Its Simplicity Or Complexity, Has Its Own Beliefs And Practices. It Is, Therefore, Important To Study In Depth The Various Social, Cultural And Ecological Determinants Affecting Status Of Underprivileged Groups. In A Tribal Community, The Treatment Of Disease Is Not Always An Individual Or Familial Affair. The Decision Regarding The Nature Of Treatment Might Be Taken At The Community Level. One Cannot Deny The Impact Of This Psychological Support In The Context Of Treatment And Cure Which Is Very Common In Tribal Communities. The Programmes Provide A Framework Within Which Students Can Develop Their Specialist Interests In The Application Of Sustainability Principles To Various Aspects Of Environmental Management Ranging From Local Community Involvement In Local Agenda 21 To Global Environmental Issues. It Aims To Provide A Sound Grounding In Policy Analysis, As Applied To A Wide Range Of Environmental Policy Areas, For Those Without A Social Science Background. Students Learn The Ability To Critically Review Policy Implementation And The Importance Of Monitoring And Evaluation Of Evidence. The Dissertation Provides A Focus For Application Of A Range Of Approaches To The Evaluation Of Sustainable Management Policy And Practice.

The design, development, and use of suitable enterprise resource planning systems continue play a significant role in ever-evolving business needs and environments. Enterprise Resource Planning: Concepts, Methodologies, Tools, and Applications presents research on the progress of ERP systems and their impact on changing business needs and evolving technology. This collection of research highlights a simple framework for identifying the critical factors of ERP implementation and statistical analysis to adopt its various concepts. Useful for industry leaders, practitioners, and researchers in the field.

ECIC2011-Proceedings of the 3rd European Conference on Intellectual Capital

Concepts, Methodologies, Tools, and Applications

Environmental Remediation

Essentials from the Project Management Journal

Modern Project Management Techniques for the Environmental Remediation Industry

This book gathers the most recent developments in fuzzy & intelligence systems and real complex systems presented at INFUS 2020, held in Istanbul on July 21-23, 2020. The INFUS conferences are a well-established international research forum to advance the foundations and applications of intelligent and fuzzy systems, computational intelligence, and soft computing, highlighting studies on fuzzy & intelligence systems and real complex systems at universities and international research institutions. Covering a range of topics, including the theory and applications of fuzzy set extensions such as intuitionistic fuzzy sets, hesitant fuzzy sets, spherical fuzzy sets, and fuzzy decision-making; machine learning; risk assessment; heuristics; and clustering, the book is a valuable resource for academics, M.Sc. and Ph.D. students, as well as managers and engineers in industry and the service sectors.

As businesses seek to compete on a global stage, they must be constantly aware of pressures from all levels: regional, local, and worldwide. The organizations that can best build advantages in diverse environments achieve the greatest success. Global Business Expansion: Concepts, Methodologies, Tools, and Applications is a comprehensive reference source for the latest scholarly material on the emergence of new ideas and opportunities in various markets and provides organizational leaders with the tools they need to be successful. Highlighting a range of pertinent topics such as market entry strategies, transnational organizations, and competitive advantage, this multi-volume book is ideally designed for researchers, scholars, business executives and professionals, and graduate-level business students.

Although it remains one of the most significant challenges in recent years, companies are beginning to integrate the ideas of sustainability into organized projects such as marketing, corporate communications, and annual reports. In this case, sustainability remains an important influence on the initiation of project management. Sustainability Integration for Effective Project Management provides a comprehensive understanding of the most important issues, concepts, trends, methodologies, and good practices in sustainability to project management. The research and concepts discussed in this publication are developed by professionals and academics aiming to provide the latest knowledge related to sustainability principles for prospective professionals, academics, and researchers in this area of expertise.

A unique approach to managing projects combining the principles of sustainable management theory with the currently established project management theory, in an applied context. Written by a team of international experts, it tackles issues such as digital transformation, smart cities, green project management, CSR and more.

Gower Handbook of Project Management

Behind the Mask

Cost data-unit price

Intelligent and Fuzzy Techniques: Smart and Innovative Solutions

Advances in Intelligent Systems and Computing III

Global Business Expansion: Concepts, Methodologies, Tools, and Applications

This book presents a new approach to the issue of project management, showing how it can be approached through the lens of sustainability. The nature of sustainable project management is not only to achieve economic goals, but also environmental and social ones. Considering project management from the perspective of sustainability is very important because sustainable development cannot keep up with the pace and scale of accumulation of ecological and social problems. The natural potential of the Earth is quickly running low. The global equilibrium between the Earth ' s ecosystems, which have developed for millions of years, and the human world of production and consumption, becomes disrupted. The focus is on a functional approach to the subject, allowing management and business to implement the methodology discussed. Topics discussed include sustainable planning, sustainable organizing, sustainable leading and sustainable controlling. The authors use their combined experience in the area to inform their novel approach. The book will be especially useful for people who are project managers, members of project teams and other project stakeholders. It may also be a useful reference for scientists and students studying the fields of management, IT and business.

With radical and innovative design solutions, everyone could be living in buildings and settlements that are more like gardens than cargo containers, and that purify air and water, generate energy, treat sewage and produce food - at lower cost. Birkeland introduces systems design thinking that cuts across academic and professional boundaries and the divide between social and physical sciences to move towards a transdisciplinary approach to environmental and social problem-solving. This sourcebook is useful for teaching, as each topic within the field of environmental management and social change has pairs of short readings providing diverse perspectives to compare, contrast and debate. Design for Sustainability presents examples of integrated systems design based on ecological principles and concepts and drawn from the foremost designers in the fields of industrial design, materials, housing design, urban planning and transport, landscape and permaculture, and energy and resource management.

The development of the Agile Movement, whatever the area of application or discipline, comes from the famous "faster, cheaper, better" maxim. As such, the agile manufacturing paradigm rests on four principles: response to change and uncertainty, supplying highly customized products, synthesis of diverse technologies, and intra-enterprise and inter-enterprise integration. For the reader interested in agile project management applications, response to changes, and transformations and its impact on managing projects, this book is a must-read. Various insights are covered, including: how to master complexity and changes in projects, economy, and society; how interaction between the project management team and project owners can influence risk management; how to move beyond the traditional mechanistic project management approach; how to include agile principles into an improved Logical Framework Analysis structure; what the impact is of agile principles on project management organizations what kind of innovative project management practice supports agile principles; and much more.

Lean Manufacturing, also called lean production, was originally created in Toyota after the Second World War, in the reconstruction period. It is based on the idea of eliminating any waste in the industry, i.e. any activity or task that does not add value and requires resources. It is considered in every level of the industry, e.g. design, manufacturing, distribution, and customer service. The main wastes are: over-production against plan; waiting time of operators and machines; unnecessary transportation; waste in the process itself; excess stock of material and components; non value-adding motion; defects in quality. The diversity of these issues will be covered from algorithms, mathematical models, and software engineering by design methodologies and technical or practical solutions. This book intends to provide the reader with a comprehensive overview of the current state, cases studies, hardware and software solutions, analytics, and data science in dependability engineering.

Management of Environmental Impacts

Key Concepts and Methodology

Practice Standard for Project Risk Management

Managing Environmental Data

Project Management Handbook

Coastal Area Management Education in the ASEAN Region

Effective participatory water management requires effective co-engineering – the collective process whereby organisational decisions are made on how to bring stakeholders together. This trans-disciplinary book highlights the challenges involved in the

collective initiation, design, implementation and evaluation of water planning and management processes. It demonstrates how successful management requires the effective handling of two participatory processes: the stakeholder water management process and the co-engineering process required to organise this. The book provides practical methods for supporting improved participatory processes, including the application of theory and models to aid decision-making. International case studies of these applications from Australia, Europe and all over the world including Africa, are used to examine negotiations and leadership approaches, and their effects on the participatory stakeholder processes. This international review of participatory water governance forms an important resource for academic researchers in hydrology, environmental management and water policy, and also practitioners and policy-makers working in water management.

This Handbook was the first APM Body of Knowledge Approved title for the Association for Project Management. Over the course of five editions, Gower Handbook of Project Management has become the definitive desk reference for project management practitioners. The Handbook gives an introduction to, and overview of, the essential knowledge required for managing projects. The team of expert contributors, selected to introduce the reader to the knowledge and skills required to manage projects, includes many of the most experienced and highly regarded international writers and practitioners. The Fifth Edition has been substantially restructured. All but two of the authors are new, reflecting the fast-changing and emerging perspectives on projects and their management. The four sections in the book describe: ¢ Projects, their context, value and how they are connected to organizational strategy; ¢ Performance: describing how to manage the delivery of the project, covering scope, quality, cost, time, resources, risk and sustainability ¢ Process: from start up to close down ¢ Portfolio: the project and its relationship to the organization The discrete nature of each chapter makes this Handbook a wonderful source of advice and background theory that is easy to consult. Gower Handbook of Project Management is an encyclopaedia for the discipline and profession of project management; a bible for project clients, contractors and students.

Winner of PMI's 2011 David I. Cleland Project Management Literature Award Detailing cutting-edge green techniques and methods, this book teaches project managers how to maximize resources and get the most out of limited budgets. It supplies proven techniques and best practices in green project management, including risk and opportunity assessments. With illustrative case studies and insights from acknowledged leaders in green project management, the text: Explains how to tap into green incentives, including grants, rebates, and tax credits Includes case studies that illustrate how to integrate green techniques and methods to generate cost savings and maximize resources Provides green techniques that take little time to implement, can benefit all types of projects, and can generate immediate savings to your project's bottom line Praise for: A first-of-its-kind book ... a must-read for senior executives as well as project managers. -Harold Kerzner, Ph.D., Senior Executive Director for Project Management at The International Institute for Learning ... an impressive piece of work. -Jean Binder, PMP, MBA, award-winning author (David I. Cleland Literature Award, 2008) This important book defines the green field and sets out the steps for those who want to be ahead of the crowd... -Dr. David Hillson, PMP, FAPM, FIRM, MCMI, Director of Risk Doctor & Partners ... an incredible call to arms to increase your project greenality for a better world, or a bigger pay check, if you're still cynical on this topic. -Bas de Baar, ProjectShrink.com ... an excellent job of making the reader aware of how much influence a single project manager, let alone an entire discipline, can have on improving our environment. -Professor Schwalbe, Department of Business Administration, Augsburg College

This work introduces Practical Project Management Methodology (P2M2), an international joint venture developed by three experienced project managers the provide useful steps applicable throughout the life cycle of a variety of projects. It covers areas from leading, defining and planning to organizing, controlling and closing. The two disks include 21 prepared forms and 300 activities for use in Microsoft Excel and Project for Windows.

Human Ecology For Globalization Human Ecology In Action, 2 Vols. Set
Extreme Hydro-Climatic and Food Security Challenges: Exploiting the Big Data
Project Management Methodology
Environmental Project Management

Project Management: Concepts, Methodologies, Tools, and Applications

Agile Project Management

This book reports on new theories and applications in the field of intelligent systems and computing. It covers computational and artificial intelligence methods, as well as advances in computer vision, current issues in big data and cloud computing, computation linguistics, and cyber-physical systems. It also reports on data mining and knowledge extraction technologies, as well as central issues in intelligent information management. Written by active researchers, the respective chapters are based on papers presented at the International Conference on Computer Science and Information Technologies (CSIT 2018), held on September 11–14, 2018, in Lviv, Ukraine, and jointly organized by the Lviv Polytechnic National University, Ukraine, the Kharkiv National University of Radio Electronics, Ukraine, and the Technical University of Lodz, Poland, under patronage of Ministry of Education and Science of Ukraine. Given its breadth of coverage, the book provides academics and professionals with extensive information and a timely snapshot of the field of intelligent systems, and is sure to foster new discussions and collaborations among different groups.

This book offers a new framework that facilitates the development of more intelligent systems and methods for data analysis and international information sharing, such as the use of satellite imaging and geospatial data to predict changes in weather conditions and shifts in water levels, and to assess the extent of the forest cover remaining on Earth that is visible from space. It brings together the many aspects of science and technology, as well as formula and analytical approaches required for more informed decision-making. It also highlights the vital importance of understanding the technological, economic and social dimensions of environmental projects that have short-term results and long-term impacts. It is unique in that it clearly distinguishes between environmental project management (EnvPM) and green project management (GreenPM), and presents an amalgamation of environmental management and project management concepts, using geospatial methods to form an EnvPM concept. The book sets a benchmark for the professionalism with which environmental projects should be planned, executed, monitored, assessed and delivered. While primarily intended for professionals responsible for the management of environmental projects or interested in improving the overall efficiency of such projects, it is also a useful handbook for managers in the private, public and non-for-profit sectors. It is a valuable resource for students at both undergraduate and master's levels and an indispensable guide for anyone wanting to develop their skills in modern project management, environmental management and geospatial techniques. "We are the first generation to feel the impact of climate change, and the last generation that can do something about it." US President Obama's address to the United Nations on Climate Change and Global warming (2015) hison: This book provides an in-depth, well-researched and science-based approach to applying key project-management and spatial tools and practices in environmental projects. An important read for leaders considering projects that balance social-economic growth against minimising its ill-effects on Planet Earth. - Todd Hutchison, Global Chairman of Peopleistic group.

These proceedings represent the work of presenters at the 3rd European Conference on Intellectual Capital (ECIC 2011). The Conference is hosted this year by the University of Nicosia in Cyprus. The Conference Chair is Geoff Turner from the University of Nicosia and the Programme Chair is Clemente Minonne from the School of Management and Law, Zurich University of Applied Sciences, Winterthur, Switzerland. The opening keynote address is given by John Girard from Minot State University in the USA. John will address the question Social Knowledge: Are we ready for the future? The second day of the conference will be opened by Ludo Pyis from AREOPA in Belgium who will consider Intellectual Capital Accounting: how to measure the unmeasurable. We also look forward to a Knowledge Cafe on the topic of What intellectual capital ideas and developments do you expect to live and see? facilitated by Helen Paige from The Paige Group, South Australia.

Environmental remediation has brought significant improvements to industrial sites and surrounding communities throughout the nation. It's also become notorious for high budget overruns and frequent schedule delays, as environmental remediation's technological aspects become subject to political, managerial and economic concerns. Modern Project Management (MPM) Processes offer a new framework for remediation programs, geared to increased efficiency and precise troubleshooting. Environmental consultant and certified project management professional (PMP) Timothy J. Havranek has helped various companies put MPM into practice: now, he brings his techniques to the environmental remediation industry at large. Melding traditional project management structure and advanced strategic planning techniques to the needs of environmental remediation, Modern Project Management Techniques for the Environmental Remediation Industry presents this major innovation: a standardized planning process, applicable to all types of remediation projects. Every participant in an environmental remediation effort can mutually benefit from Modern Project Management Techniques for the Environmental Remediation Industry. Environmental consultants will discover precise budget and schedule-planning skills-quite an advantage in their increasingly competitive industry. Customers will also know what to consider when selecting an environmental services company, and discover advanced methods for reducing project costs and durations. MPM: it's bringing new vitality and purpose to environmental protection. Put it into practice with the benefit of Havranek's real-life experience.

A Practical Guide for the Next Millenium

Principles, Methodology, and Processes

Proceedings of the Workshop on Coastal Area Management Education in the ASEAN Region, Singapore, 8-11 October 1990

Departments of Transportation, and Housing and Urban Development, and Related Agencies Appropriations for 2010

Banking, Finance, and Accounting: Concepts, Methodologies, Tools, and Applications

Sustainability in Project Management

This second edition includes updated chapters from the first edition as well as five additional new chapters (Light detection and ranging (LiDAR), CORONA historical de-classified products, Unmanned Aircraft Vehicles (UAVs), GNSS-reflectometry and GNSS applications to climate variability), shifting the main focus from monitoring and management to extreme hydro-climatic and food security challenges and exploiting big data. Since the publication of first edition, much has changed in terms of technology, and the demand for geospatial data has increased with the advent of the big data era. For instance, the use of laser scanning has advanced so much that it is unavoidable in most environmental monitoring tasks, whereas unmanned aircraft vehicles (UAVs)/drones are emerging as efficient tools that address food security issues as well as many other contemporary challenges. Furthermore, global navigation satellite systems (GNSS) are now responding to

challenges posed by climate change by unravelling the impacts of teleconnection (e.g., ENSO) as well as advancing the use of reflected signals (GNSS-reflectometry) to monitor, e.g., soil moisture variations. Indeed all these rely on the explosive use of “big data” in many fields of human endeavour. Moreover, with the ever-increasing global population, intense pressure is being exerted on the Earth’s resources, leading to significant changes in its land cover (e.g., deforestation), diminishing biodiversity and natural habitats, dwindling fresh water supplies, and changing weather and climatic patterns (e.g., global warming, changing sea level). Environmental monitoring techniques that provide information on these are under scrutiny from an increasingly environmentally conscious society that demands the efficient delivery of such information at a minimal cost. Environmental changes vary both spatially and temporally, thereby putting pressure on traditional methods of data acquisition, some of which are highly labour intensive, such as animal tracking for conservation purposes. With these challenges, conventional monitoring techniques, particularly those that record spatial changes call for more sophisticated approaches that deliver the necessary information at an affordable cost. One direction being pursued in the development of such techniques involves environmental geoinformatics, which can act as a stand-alone method or complement traditional methods.

The rise of the Internet of Things leads to an unprecedented number of continuous sensor observations that are available as IoT data streams. Harmonization of such observations is a labor-intensive task due to heterogeneity in format, syntax, and semantics. We aim to reduce the effort for such harmonization tasks by employing a knowledge-driven approach. To this end, we pursue the idea of exploiting the large body of formalized public knowledge represented as statements in Linked Open Data.

With a current world population that exceeds seven billion, resource consumption awareness is more important than ever. Investing in sustainable technologies and renewable resources is a necessary step to ensure the future quality of life of all human beings. The Handbook of Research on Sustainable Development and Economics explores topics such as poverty, gender equality, health, security, and the environment through global empirical studies and fundamental frameworks. With the goal of promoting sustainable techniques for the global future, this handbook is a critical reference for business leaders, educators, policymakers, environmental specialists, and the public at large.

Organizations of all types are consistently working on new initiatives, product lines, or implementation of new workflows as a way to remain competitive in the modern business environment. No matter the type of project at hand, employing the best methods for effective execution and timely completion of the task at hand is essential to project success. Project Management: Concepts, Methodologies, Tools, and Applications presents the latest research and practical solutions for managing every stage of the project lifecycle. Emphasizing emerging concepts, real-world examples, and authoritative research on managing project workflows and measuring project success in both private and public sectors, this multi-volume reference work is a critical addition to academic, government, and corporate libraries. It is designed for use by project coordinators and managers, business executives, researchers, and graduate-level students interested in putting research-based solutions into practice for effective project management.

Sustainable Practices: Concepts, Methodologies, Tools, and Applications

Department of Homeland Security Appropriations for 2011, Part 1C, 2010, 111-2 Hearings

Handbook of Research on Sustainable Development and Economics

Principles of Sustainable Project Management

Principles, Techniques, and Best Practices

Hearings Before a Subcommittee of the Committee on Appropriations, House of Representatives, One Hundred Eleventh Congress, First Session

The Practice Standard for Project Risk Management covers risk management as it is applied to single projects only. It does not cover risk in programs or portfolios. This practice standard is consistent with the PMBOK® Guide and is aligned with other PMI practice standards. Different projects, organizations and situations require a variety of approaches to risk management and there are several specific ways to conduct risk management that are in agreement with principles of Project Risk Management as presented in this practice standard.

A key question for individuals involved in managing watersheds is, "What is an effective process that will integrate science, policy, and public participation in order to help manage water resources effectively?" The Watershed Project Management Guide presents a four-phase approach to watershed management that is based on a collaborative process that responds to common needs and goals. It utilizes assessments and decision processes that are based on local knowledge and a combination of biophysical, social, and economic information. Individually these principles and practices are not new, but in combination they describe an innovative approach for addressing complex water and related management issues. This recommended process consists of a series of four basic phases; Assessment, Planning, Implementation, and Evaluation, which are built on stakeholder involvement, social capacity, and adequate monitoring. This four-phased approach will assist watershed practitioners develop a plan consistent with the recently released USDA-EPA Watershed Management Planning and Implementation Process guidance. This process can be used to implement a management strategy to meet the load allocations required by an approved Total Maximum Daily Load (TMDL), the goals of a

Source Water Protection Plan, USDA programs such as EQIP, or Section 319 Project. The process outlined in the text is applicable for both restoration and prevention projects. The Watershed Project Management Guide focuses on the complexities of the watershed management process, the watershed partnership's role in the processes, and what needs to be done next. The author has kept the technical jargon to a minimum to help the reader easily grasp the important points and where appropriate directs the reader to specific resources and references for further information. About the Author: Thomas E. Davenport is an Environmental Scientist for the U. S. Environmental Protection Agency and was designated as the Agency's National Expert on Nonpoint Source Control in 1991. Dr. Davenport has received seven Bronze Medals from the EPA for outstanding contributions for various activities related to nonpoint source, lake restoration, and watershed management. Dr. Davenport has published over 40 papers, book chapters, and project reports. Present duties include serving as the Water Program Lead for the Great Lakes/Baltic Seas and 3 Rivers 3 Countries Watershed Capacity Building Projects.

With the global economy still in recovery, it is more important than ever for individuals and organizations to be aware of their money and its potential for both depreciation and growth. Banking, Finance, and Accounting: Concepts, Methodologies, Tools, and Applications investigates recent advances and undertakings in the financial industry to better equip all members of the world economy with the tools and insights needed to weather any shift in the economic climate. With chapters on topics ranging from investment portfolios to credit unions, this multi-volume reference source will serve as a crucial resource for managers, investors, brokers, and all others within the banking industry.

This book presents applications and solutions of Big Data in the GovTech system and recommendations for regulating the institutions of the digital economy and information society for the wide application of Big Data with the use of the institutional approach. In this book, a systematic scientific understanding of GovTech is formed, the central place of Big Data in this system is substantiated, and modern experience in the functioning and development of this system is considered in detail. The contribution of the book to the literature is to bridge the gap between theory and practice of GovTech through a comprehensive study of all its manifestations in the three parts of the book. The first part is devoted to GovTech in the provision of high-tech educational services based on Big Data. The second part reflects state regulation of the economy by industry using Big Data in the GovTech. The third part outlined the digital divide and the experience of overcoming it with the help of GovTech based on Big Data. The practical significance of the book lies in the fact that it offers a holistic practical guide to the development of the GovTech system based on Big Data. The book will be of interest to academic scientists studying GovTech, as it clarified its categorical apparatus and scientific basis. The subjects of management in GovTech form the secondary target audience of this book, which provides them with numerous cases from the experience of modern Russia, as well as applied recommendations for improving the efficiency of the GovTech system based on Big Data. The book is multidisciplinary and is intended for scientists from various fields of science (pedagogy, economics, business, law, management, and ICT).

Organisational Challenges for Water Governance

Project Management Fundamentals

Design for Sustainability

Enterprise Resource Planning: Concepts, Methodologies, Tools, and Applications

A Sourcebook of Integrated Ecological Solutions

ECIC

The concept of sustainability has grown in recognition and importance. The pressure on companies to broaden their reporting and accountability from economic performance for shareholders, to sustainability performance for all stakeholders is leading to a change of mindset in consumer behaviour and corporate policies. How can we develop prosperity without compromising the life and needs of future generations? Sustainability in Project Management explores and identifies the questions surrounding the integration of the concepts of sustainability in projects and project management and provides valuable guidance and insights. Sustainability relates to multiple perspectives, economical, environmental and social, but also to responsibility and accountability and values in terms of ethics, fairness and equality. The authors will inspire project managers to be aware of these considerations, and to apply them to the role they play in projects, not just 'doing things right' but 'doing the right things right'.

Build on the Right Fundamentals for Project Management Success! To achieve success in any endeavor, you need to understand the fundamental aspects of that endeavor. To achieve success in project management, you should start with Project Management Fundamentals: Key Concepts and Methodology, Second Edition. This completely revised edition offers new project managers a solid foundation in the basics of the discipline. Using a step-by-step approach and conventional project management (PM) terminology, Project Management Fundamentals is a commonsense guide that focuses on how essential PM methods, tools, and techniques can be put into practice immediately. New material in this second edition includes: • A thorough discussion of agile project management and its use in real-life situations • Detailed explanations of the unique factors involved in managing service projects • An enhanced appendix on management maturity models • A new appendix on project communications and social networking • Expanded coverage of the triple constraints in PM, going beyond scope, schedule, and cost to include quality, resources, and risks As a refresher for the experienced project manager or as a comprehensive introductory guide for the new practitioner, Project Management Fundamentals: Key Concepts and Methodology, Second Edition, is the go-to resource that delivers.

"This book provides environmental professionals and students with guidelines on how to evaluate the environmental data and the tools needed to manage them. Through real-world experiences, the author illustrates the decision-making process and the compromises required when applying environmental principles and practices to the actual data"-- This book attempts to reflect the project reality as closely as possible, covering the ISO 21500:2012 standard that has just been introduced and the benefits from the best contributions worldwide and also providing the concise yet powerful tool box. It shall be easy to use and intuitively supportive of project managers. So far, evidence indicates that these targets are successfully met. One of its key recognitions, and in consequence a distinctive feature of this book, is the impact that the project manager ' s personality has on the fate of the project. The project manager's successful self-management in work & life and in leadership processes should be considered as important in any endeavor as all other project management processes, covered by the new standards and guidelines.

Sustainability Integration for Effective Project Management

Hearings Before a Subcommittee of the Committee on Appropriations, House of Representatives, One Hundred Eleventh Congress, Second Session

Department of Homeland Security Appropriations for 2011

Lean Manufacturing and Six Sigma

Green Project Management

Environmental Geoinformatics

In Management of Environmental Impacts, various types of environmental impacts of projects are discussed in sufficient detail, to provide a concise and useful overview for the graduate or professional student. Subjects approached herein include impacts on water bodies, generation of hazardous materials, and alternative energy sources and their impacts, and management of sustainable projects. The intent of this text is to provide a repository of general information for consultation and reference of the user.

"This reference explores some of the most recent developments in sustainability, delving into topics beyond environmental science to cover issues of sustainable economic, political, and social development"--Provided by publisher.

Knowledge-Driven Harmonization of Sensor Observations: Exploiting Linked Open Data for IoT Data Streams

Selected Papers from the International Conference on Computer Science and Information Technologies, CSIT 2018, September 11-14, Lviv, Ukraine

A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Seventh Edition and The Standard for Project Management (RUSSIAN)

The Watershed Project Management Guide

A Functional Approach

Cybernetic Approach to Project Management