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Project Management

Project Management Planning and Control

Albert Lester

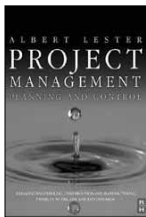
Butterworth Heinemann

publishing: 02.10.06

isbn: 075066956X

product code: 10068

£39.99



A comprehensive book on project management, covering all principles and methods with fully worked examples, this book includes both hard and soft skills for the construction, engineering and manufacturing industries.

A comprehensive book on project management

Ideal for engineering project managers considering obtaining a Project Management Professional (PMP) qualification, this book covers in theory and practice, the complete body of knowledge for both the Project Management Institute (PMI) and the Association of Project Management (APM).

Fully aligned with the latest 2005 updates to the exam syllabi, complete with online sample Q&A, and updated to include the latest revision of BS 6079 (British Standards Institute Guide to Project Management in the Construction Industry), this book is a complete and valuable reference for anyone serious about project management.

Project Finance

Graham Vinter & Gareth Price

Sweet and Maxwell

published: 01.12.2005

ISBN: 0421909501

product code: 9182

£165.00

Written in a clear and practical way, the book provides detailed guidance on the specific parts of the many branches of law that are brought into play in a typical project financing, from large cross-border upstream oil and gas projects to small- to medium- sized PPP projects.

- ▶ Comprehensive - covers all aspects of project finance
- ▶ Deals with general principles as well as sector-specific issues
- ▶ Authoritative written by the head of Allen & Overy's Projects Group
- ▶ Practice-focused - provides clear, structured guidance on how the law works in specific project financing

The new edition of *Practical Project Finance* examines the legal issues involved in the tendering, negotiation, financial structuring and management of infrastructure and energy projects.



Partnering in the Construction Industry -

A Code of Practice for Strategic Collaborative Working

John Bennett & Sarah Peace

Butterworth Heinemann

published: 03.07.2006

isbn: 0750664983

product code: 9311

£44.99

Partnering is the most effective way of tackling construction projects. This book explains how clients and construction firms using partnering can achieve ever higher levels of efficiency and certainty. It shows how partnering is used to provide world class buildings and infrastructure of all kinds.

The book begins with detailed guidance about the actions that clients and professionals new to partnering need to take. Next it provides advice about the actions individual firms can take to get the maximum benefits from partnering. Finally it describes how highly developed forms of partnering are turning construction into a genuinely modern industry able to meet all customers' needs.



The book is designed to be used flexibly by a variety of readers. Coloured sections and executive summaries built into the body of the text enable senior managers to get a quick overview of the guidance provided. The detailed guidance provides those at the workface with the ammunition needed to cooperate with those around them in doing their best work. The guidance is supported by check lists that help ensure everyone involved knows what they need to do to match and then exceed today's best practice.

Contents include:

- ▶ Partnering Explained
- ▶ Selecting Firms for Partnering
- ▶ Actions at the Start of Projects
- ▶ Actions during Projects
- ▶ Developing Partnering Skills
- ▶ Developing Partnering Project Teams
- ▶ Techniques and Check Lists

Building Procurement

Roy Morledge, Adrian Smith, &
Dean T Kashiwagi
Blackwell Publishing
published: 30.05.06
isbn: 0632064668
product code: 9937
£34.99



The procurement of construction work is a complex, and a successful outcome frequently elusive. Clients have developed increased expectations of the industry, and constructors and consultants are faced with far greater demands, to achieve improvements in terms of value for money and quality, in addition to seeking savings in cost and time.

This book provides a critical review of current practices in building procurement and evaluates new approaches, particularly from the USA, together with discussing the drivers for change in traditional UK procurement approaches. It emphasises, in particular, the important need for clients to establish achievable objectives which reflect the client's business case for the project, and then to develop a strategy and management structure to meet those objectives. It will be of interest to construction management, researchers and construction practitioners.

Strategic Issues in Public - Private Partnerships

Mikjam Bult-Spiering & Geert Dewulf
Blackwell Publishing
published: 30.07.06
isbn: 1405134755
product code: 10033
£55.00



The book provides an international overview of developments in public-private partnerships (PPP) in different countries, and addresses the various characteristics and approaches to PPP. Drawing on a number of international studies carried out by the authors, the book describes the rationale behind various PPP approaches, looks at the process aspects and dynamics of PPPs and aims to stimulate a more strategic discussion of PPP.

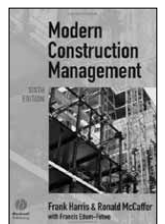
An
international
overview
of
developments
in
public-private
partnerships

Modern Construction Management

Ronald McCaffer, Frank Harris &
Francis Edum-Fotwe
published: 30.07.06
isbn: 1405133252
product code: 10034
£27.99

The 6th edition includes the revision of the contents to reflect the Construction Skills Certification Scheme - a new scheme to improve skills (NB the government's commitment to having a fully registered and qualified work force by 2010), whereby the major contractors will only employ managers who have achieved NVQ levels 3/4/5. The required knowledge for the relevant competencies at each of the three levels will be interwoven throughout the new edition, to align with the career structure in construction management.

The authors have responded to some fairly critical remarks in a review of the last edition and the book has undergone a thorough revision, weeding out some of the older material (e.g. work studies) to leave more room to cover new processes now considered essential to achieving lean construction - supply networks; value and risk management; PFI/PPP, etc. Attention has been paid current issues of concern in construction management - productivity and KPIs; the environment and sustainability; health and safety; and skills training.



Value and Risk Management

A Guide to Best Practice
Michael Dallas
Blackwell Publishing
published: 30.01.06
isbn: 140512069X
product code: 9003
£39.95

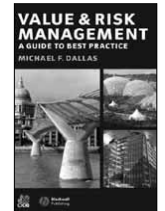
Most books on value and risk management are long on technique, but short on sound, practical advice. This book, however, provides both, describing what works and what does not, in the UK and elsewhere in the world.

This book, published in conjunction with the Chartered Institute of Building, and endorsed by RICS - Royal Institution of Chartered Surveyors and a broad range of other industry bodies, describes:

- ▶ The underlying concepts of value and risk management and how they relate to one another.
- ▶ The different issues to be addressed throughout the life of the projects, from inception to use.
- ▶ Practical ways for handling people and organisations with different interests.
- ▶ Commonly used and effective techniques.

It also features a range of case studies and explores value and risk management in sectors outside construction to show how these may influence future best practice in construction. It is one of the few books that explore the relationships between value and risk and the benefits of integrating the management of both.

- ▶ Key Features and Benefits
- ▶ Essential Attributes
- ▶ Principles of Risk Management
- ▶ Integrating Value and Risk Management
- ▶ The People and Their Roles
- ▶ Concepts, Standards and Qualifications
- ▶ Learning from Others
- ▶ Study Types
- ▶ Techniques For Value and Risk
- ▶ Value Management Techniques
- ▶ Risk Management Techniques
- ▶ Toolbox, Checklists, Forms and Tables



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Managing Risk in Construction Projects

Nigel Smith, Paul Jobling & Tony Merna
Blackwell Publishing
published: 01.01.06
isbn: 1405130121
product code: 9002
£37.50

Risk Management provides a system by which project risks can be identified, assessed and managed. There is a number of texts on the theory of risk management and on individual risk techniques. This book deals with the practical implementation of risk analysis in project management decisions.

This new edition has been thoroughly updated to reflect the latest developments in risk management with new chapters on PFI and PPP projects; risk registers; corporate risk; and uncertainty management.

The book is divided into five sections:

- ▶ A description of risk management and decision making in the context of construction project
- ▶ The human dimension
- ▶ Tools and techniques available to the risk analyst
- ▶ The problems of procurement and finance
- ▶ The practical application of risk analysis, including the principles of risk modelling and simulation, together with two case studies.

Written by a group of practitioners and academics the book offers practical guidance for anyone faced with the problems of project risk management in practice.

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Total Quality in the Construction Supply Chain

John S Oakland & Marton Marosszeky
Butterworth Heinemann
published: 01.03.2006
isbn: 0750661852
product code: 8873
£29.99



Construction organisations worldwide are struggling with three issues: total quality management, supply chain management and knowledge management. Pressures from clients and recognition of the relatively slow growth in productivity in the sector are causing managers to focus on structural and strategic management issues.

This book tackles each of these three themes, demonstrating their significance as strategic concepts for the construction sector and illustrating how development goals in each of these critical areas can be met. The book combines a theoretical basis with practical tools for management.

Environmental Management in Construction

Heng Li Zhen Chen
Spon Press
published: 31.05.06
isbn: 0415370558
product code: 10186
£80.00



Ensures that **contractors** will be able to keep pace with **environmental management** standards.

Demands on the construction industry are changing, and it is now virtually essential for environmental management to be considered at all stages of a project. Many construction managers are finding a quantitative approach useful, and this book outlines four quantitative methods which can be applied at different construction stages, and which fit within a comprehensive framework of dynamic Environmental Impact Assessment (EIA). These include:

- ▶ A method to quantitatively evaluate and reduce pollution and hazards levels
- ▶ A method to evaluate the environmental-consciousness of proposed construction plans
- ▶ A method to reduce on-site construction wastes through an incentive reward programme
- ▶ A method to promote C and D waste exchange in the local construction industry.

With an experimental case study of the application of these methods, this book delivers a comprehensive review of environmental management issues in construction. With regulatory requirements potentially favouring the quantitative approach, this timely guide ensures that contractors will be able to keep pace with environmental management standards.

Risk Management in Projects

Martin Loosemore, John Raftery, Charles Reilly & David Higgon
Taylor and Francis
published: 30.11.2006
isbn: 0415260566
product code: 9015
£19.99

Project managers in construction and civil engineering need to base their decisions on realistic information about risk and public perceptions of risk. This second

edition of the original practical and straightforward text retains the easy-to-read format, but has been expanded to encompass the entire risk management process and to give a fuller presentation of how risk is generally perceived.

Two new chapters cover risk identification and risk response, and the chapters on risk analysis have been completely reorganised. There is also greater emphasis on the theory behind the principles, and an expanded bibliography is given to guide an exploration of the subject in greater detail.



Overall, the book de-mystifies risk management by presenting the subject in simple and practical terms, free of technical jargon, and case studies are used extensively to enliven the text and to illustrate the concepts discussed.



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