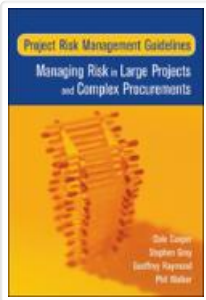


# Project risk management guidelines : managing risk in large projects and complex procurements



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Project Risk Management Guidelines\_ Managing Risk in Large Projects and Complex Procurements ( PDFDrive ) (1).pdf (15.61Mb)

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Abstract

The risk management processes described in this book had their genesis well over 20 years ago when I accepted a position at the University of Southampton. There I met and worked with Dr Chris Chapman, already an acknowledged expert in project risk, with an established relationship with BP and an extensive client base in Canada. Chris involved me in his consulting activities in North America, primarily associated with quantitative risk analyses of large projects in the hydroelectric and the oil and gas industries. This was a time of innovation, as there were few protocols or models for the kinds of risk analyses that were required for these projects, and the quantitative calculations used a form of numerical integration called the Controlled Interval and Memory approach, developed by Chris, that was implemented in bespoke software. We had to develop different model structures and forms of analysis, and new software had to be written on some occasions to accommodate the new structures. It was highly stimulating, at times exhausting, and great fun, and I learned a huge amount from Chris and the clients with whom we worked. Many of the projects on which we worked are described in published papers, and some of them are referred to in the case material in this volume. They are all described in our book (Cooper and Chapman, 1987).

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1 online resource (xv, 384 pages) : This book describes philosophies, principles, practices and techniques for managing risk in projects and procurements, with a particular focus on complex or large-scale activities. The authors cover the basics of risk management in the context of project management, and outline a step-by-step approach. They then extend this approach into specialised areas of procurement (including tender evaluation, outsourcing and Public-Private Partnerships), introducing technical risk assessment tools and processes for environmental risk management. Finally they consider Project Risk Management Guidelines covers the basic principles, practices, and techniques for managing risk in projects, especially large-scale and complex projects. With extensive case study material, the book addresses the basics of project risk management and outlines a step-by-step approach to risk management. About the Author. Dale Cooper has over twenty-five years of international experience with risk management for large and complex projects. He is a Fellow of the Australian Institute of Company Directors, an Affiliate of the Securities Institute of Australia, a member of the Risk Engin