Record Nr. UNINA9911020326203321 Autore Cretu Ovidiu Titolo Risk management for design and construction / / Ovidiu Cretu, Robert Stewart, Terry Berends Hoboken, N.J.,: Wiley, 2011 Pubbl/distr/stampa **ISBN** 9786613175748 9781118984017 1118984013 9781283175746 1283175746 9781118028636 1118028635 9781118028612 1118028619 Descrizione fisica 1 online resource (285 p.) Collana RSMeans:: v.76 Classificazione TEC005000 Altri autori (Persone) StewartRobert <1968-> BerendsTerry Disciplina 690/.22 Soggetti Building - Safety measures Construction industry - Accidents - Prevention Construction industry - Risk management Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Machine generated contents note: Preface -- Acknowledgements -ch. 1. Why and what is risk management -- ch. 2. Project cost and schedule estimates -- ch. 3. The risk based estimate -- ch. 4. Risk elicitation -- ch. 5. Risk management -- ch. 6. Risk-based estimate

self-modeling spreadsheet -- ch. 7. Risk-based estimate workshop.

"This text provides a balance of theory, technique and facilitation. The emphasis is on providing a practical and proven framework for risk management on real projects with a clear, concise description of the complex topic of risk for professionals. Written by two experts in the field, it offers a practical, proven means of quantifying and minimizing risk, to inform business decisions in the design and construction field.

Sommario/riassunto

Case studies and examples on the proper application of software and principles help make this book an important reference to the field"-"The book presents an integrated approach to cost and schedule for qualitative risk analysis. This approach recognizes the value of considering the project schedule when cost is estimated. The approach was created and developed at the Washington State Department of Transportation (WSDOT). The authors have expanded the scope of the process to cover any type of construction, and have provided two case studies developed throughout the book presenting the process in use on an instutional construction project and a heavy civil construction job"--