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Titolo	Project Management Tools // by David L. Olson
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Descrizione fisica	1 online resource (152 pages)
Collana	AI for Risks, , 2731-6335
Disciplina	658.404
Soggetti	Project management Project Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di contenuto	The Importance of Project Management -- Human Factors -- Project Organization -- Project Estimation -- Planning -- Selection from Project Options -- Project Scheduling -- Probabilistic Scheduling -- Critical Chain Scheduling -- Agile Project Development -- Implementation and Control.
Sommario/riassunto	This book is devoted to presenting models that have been applied in project management. There are a variety of project domains. We discuss engineering/construction projects, software development projects, massive projects to include governmental undertakings, and pharmaceutical product development. Chapter 1 gives an overview of projects, and discusses the difficulties in completing projects on time, within budget, and at designed functionality. While the successful completion of a project is a challenge, there are some things that can be done to improve the probability of a project's success. The book reviews a number of project management concepts. These include developing organizational ability to work on projects, as discussed in Chapters 2 and 3. Sponsor expectations can be based on better information if a good job of project development, estimation and selection is conducted, as discussed in Chapters 4, 5 and 6. Project planning tools involving the critical path method are covered in Chapter 7. Tools to evaluate project risk are covered in Chapter 8. The critical chain method is covered in Chapter 9. Chapter 10 discusses means to rush projects when circumstances demand, to include project crashing

as well as Agile and SCRUM approaches used in software engineering projects. Chapter 11 covers project implementation and control, including assessment of delay responsibility.
