

1. Record Nr.	UNINA9910830420303321
Autore	Hansen Karen Lee
Titolo	Civil engineer's handbook of professional practice [[electronic resource]] / / Karen Lee Hansen and Kent Zenobia
Pubbl/distr/stampa	Hoboken, NJ, : Wiley, c2011
ISBN	0-470-90164-0 1-283-05226-1 9786613052261 0-470-95004-8 0-470-90161-6
Descrizione fisica	1 online resource (746 p.)
Altri autori (Persone)	ZenobiaKent
Disciplina	624.023
Soggetti	Civil engineering Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	CONTENTS; Preface; Acknowledgments; Contributing Authors; Contributing Editors; List of Abbreviations; Chapter 1 Introduction; Chapter 2 Background and History of the Profession; Chapter 3 Ethics; Chapter 4 Professional Engagement; Chapter 5 The Engineer's Role in Project Development; Chapter 6 What Engineers Deliver; Chapter 7 Executing a Professional Commission-Project Management; Chapter 8 Permitting; Chapter 9 The Client Relationship and Business Development; Chapter 10 Leadership; Chapter 11 Legal Aspects of Professional Practice; Chapter 12 Managing the Civil Engineering Enterprise Chapter 13 Communicating as a Professional Engineer Chapter 14 Having a Life; Chapter 15 Globalization; Chapter 16 Sustainability; Chapter 17 Emerging Technologies
Sommario/riassunto	A well-written, hands-on, single-source guide to the professional practice of civil engineering. There is a growing understanding that to be competitive at an international level, civil engineers not only must build on their traditional strengths in technology and science but also must acquire greater mastery of the business of civil engineering.

Project management, teamwork, ethics, leadership, and communication have been defined as essential to the successful practice of civil engineering by the ASCE in the 2008 landmark publication, Civil Engineering Body of Knowledge for the 21s
