

1. Record Nr.	UNINA9910789688503321
Titolo	2011 rapid excavation and tunneling conference [[electronic resource]] : proceedings // edited by Steve Redmond and Victor Romero
Pubbl/distr/stampa	Englewood, Colo., : Society for Mining, Metallurgy, and Exploration, Inc., c2011
ISBN	0-87335-344-7
Descrizione fisica	1 online resource (1609 p.)
Disciplina	624.1/93
Soggetti	Tunneling Excavation Underground construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Contracting practices and costs -- pt. 2. Design and planning -- pt. 3. Difficult ground -- pt. 4. Drill and blast -- pt. 5. Environment, health, and safety -- pt. 6. Future projects -- pt. 7. Geotechnical considerations -- pt. 8. Ground support and final lining -- pt. 9. Grouting and ground modification -- pt. 10. Hard rock TBMs -- pt. 11. Large span tunnels and caverns -- pt. 12. Microtunneling and trenchless tunneling -- pt. 13. New and innovative technologies -- pt. 14. Presssure face TBM case histories -- pt. 15. Presssure face TBM technology -- pt. 16. Risk management -- pt. 17. San Francisco Bay area projects -- pt. 18. SEM/NATM -- pt. 19. Shafts and mining -- pt. 20. Tunnel rehabilitation -- pt. 21. Water and gas control.
Sommario/riassunto	Every two years, industry experts and practitioners from around the world gather at the prestigious Rapid Excavation and Tunneling Conference (RETC) to learn about the latest developments in tunneling technology, and the signature projects that help society meet its growing infrastructure needs. Inside this authoritative 1608-page book, you'll find the 115 influential papers that were presented providing valuable insights from projects worldwide. You'll gain from the lessons learned-often the hard way-from large and demanding projects in difficult ground conditions. This book will take you u

