

1. Record Nr.	UNINA9910799230003321
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Titolo	Geotechnical and Foundation Engineering Practice in Industrial Projects // by Mihir Roy
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9979-06-4
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (XXI, 330 p. 154 illus., 124 illus. in color.)
Disciplina	624.151
Soggetti	Foundations Engineering geology Geotechnical engineering Rock mechanics Soil mechanics Foundation Engineering Geotechnical Engineering and Applied Earth Sciences Soil and Rock Mechanics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1. Introduction to Chapters -- Chapter 2. Engineering Geology -- Chapter 3. Geotechnical Investigation -- Chapter 4. Site Development -- Chapter 5. Ground Improvement -- Chapter 6. Foundation on Soft & Filled-up Soil -- Chapter 7. Pile Foundation -- Chapter 8. Seepage Control -- Chapter 9. Erosion Control & Retaining Wall -- Chapter 10. Marine Projects -- Chapter 11. Simplified Liquefaction Potential Assessment -- Chapter 12. Tailing Storage Management at Mines -- Chapter 13. Failure During Construction -- Chapter 14. Site Hazard & Remedy -- Chapter 15. Practice in Geotechnical & Foundation Engineering -- Appendices.
Sommario/riassunto	This professional book is an important resource on the topics of geotechnical and foundation engineering for practicing engineers and consultants. It fills the gap between classroom education and real-world professional practice in green and brown field projects. It provides hands-on knowledge on various topics such as engineering geology, geotechnical investigation, site preparation, ground

improvement, foundation on soft and filled-up soil, pile foundation, seepage control, erosion control and retaining wall, marine projects, simplified liquefaction potential assessment, tailing storage management at mines, failure during construction, site hazard and remedy and geotechnical and foundation engineering practice. This book will be highly useful for professionals and practicing engineers in the area of geotechnical and foundations engineering. It will also be a useful reference for graduate and postgraduate students and the faculty in the same field.
