

1. Record Nr.	UNINA9910790080403321
Autore	Randolph M. F (Mark Felton)
Titolo	Offshore geotechnical engineering / / Mark Randolph and Susan Gourvenec ; with contributions from David White and Mark Cassidy
Pubbl/distr/stampa	Abingdon, Oxon ; ; New York : , : Spon Press, , 2011
ISBN	1-351-98845-X 1-351-98891-3 1-315-27247-4 1-62870-804-2 1-283-10205-6 1-134-02216-6 9786613102058 0-203-88909-6
Descrizione fisica	1 online resource (561 p.)
Altri autori (Persone)	CassidyMark GourvenecSusan WhiteDavid
Disciplina	627/.98
Soggetti	Offshore geotechnique
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	Cover; Offshore Geotechnical Engineering; Copyright; Contents; List of figures; Preface; Notation; 1. Introduction; 2. The offshore environment; 3. Offshore site investigation; 4. Soil response; 5. Piled foundations; 6. Shallow foundations; 7. Anchoring systems; 8. Mobile jack-up platforms; 9. Pipeline and riser geotechnics; 10. Geohazards; Bibliography; Index
Sommario/riassunto	Design practice in offshore geotechnical engineering has grown out of onshore practice, but the two application areas have tended to diverge over the last thirty years, driven partly by the scale of the foundation and anchoring elements used offshore, and partly by fundamental differences in construction and installation techniques. As a consequence offshore geotechnical engineering has grown as a speciality. The structure of Offshore Geotechnical Engineering follows a

pattern that mimics the flow of a typical offshore project. In the early chapters it provides a bri
