

1. Record Nr.	UNINA9910418327703321
Titolo	Advances in Offshore Geotechnics [[electronic resource] ] : Proceedings of ISOG2019 // edited by Sumanta Haldar, Shantanu Patra, Ravindra K. Ghanekar
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-6832-4
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XVI, 429 p. 330 illus., 253 illus. in color.)
Collana	Lecture Notes in Civil Engineering, , 2366-2557 ; ; 92
Disciplina	333.823140973
Soggetti	Ocean engineering Engineering geology Engineering—Geology Foundations Hydraulics Geotechnical engineering Offshore Engineering Geoengineering, Foundations, Hydraulics Geotechnical Engineering & Applied Earth Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Design of anchoring systems for deep water soft sediments -- Use of onshore test sites for offshore geotechnical problems -- Optimising geotechnical engineering models (GEMs) -- Challenge in geotechnical engineering on Methane Hydrate production -- Lattice leg-soil interaction effects in deeply embedded spudcan foundations -- Developing screw piles for offshore renewable energy application -- Challenges in the design and construction of offshore wind turbine foundations including sites in seismic areas -- Evaluation of offshore pile capacity and pile integrity using dynamic pile monitoring services -- Geotechnical Characterisation of Krishna Godavari Basin Sediments, Offshore Eastern India -- Back analyses of jack-up rig penetration for punch through case. .
Sommario/riassunto	This book comprises select proceedings of the First Indian Symposium

on Offshore Geotechnics. It addresses state of the art and emerging challenges in offshore design and construction. The theme papers from leading academicians and practitioners provide a comprehensive overview of the broad topics encompassing various challenges in offshore geotechnical engineering. It covers various aspects pertaining to offshore geotechnics, such as offshore site investigation, soil characterization, geotechnics related to offshore renewable energy converters, offshore foundations and anchoring systems, pipelines, and deep sea explorations. This volume provides a comprehensive reference for professionals and researchers in offshore, civil and maritime engineering and for soil mechanics specialists.

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