

1. Record Nr.	UNINA9910366654903321
Titolo	Advancements in Unsaturated Soil Mechanics : Proceedings of the 3rd GeoMEast International Congress and Exhibition, Egypt 2019 on Sustainable Civil Infrastructures – The Official International Congress of the Soil-Structure Interaction Group in Egypt (SSIGE) // edited by Laureano Hoyos, Hany Shehata
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-34206-9
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (VIII, 159 p. 96 illus., 57 illus. in color.)
Collana	Sustainable Civil Infrastructures, , 2366-3413
Disciplina	624.151
Soggetti	Geotechnical engineering Civil engineering Geotechnical Engineering and Applied Earth Sciences Civil Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Characterization of the mechanical properties of sensitive clay by means of indentation tests -- Evaluation Of Dolime Fine Performance In Mitigating The Effects Of An Expansive Soil -- Effect of Low-Plastic Fines Content on the Properties of Clean Sand -- Stabilization of Expansive Soil Reinforced with Polypropylene and Glass Fiber in Cement and Alkali Activated Binder -- On the consequences of microstructural evolution on macroscopic behavior for unsaturated soils -- Investigation on geotechnical properties before and after the construction of Earth Retaining Structures-West Konkan a case study -- Feasibility Study of Bagasse ash as a filling material. .
Sommario/riassunto	This book presents the collection of technical papers which includes research on two important topics in geotechnical engineering; the characterization of unsaturated soils. The papers in this collection are representative of local challenges facing geotechnical engineers in the Middle East, but their contributions can also be extended to other regions of the world.

