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Titolo	Innovative Solutions for Deep Foundations and Retaining Structures : 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 Pedro Pinto, Chang-Yu Ou, Hany Shehata
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Collana	Sustainable Civil Infrastructures, , 2366-3405
Disciplina	624.15
Soggetti	Soil science Soil conservation Civil engineering Soil Science & Conservation Civil Engineering
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Note generali	Includes index.
Nota di contenuto	Comparison Of Russian Norms(Snip) And European Norms(Eurocodes) For Design And Construction Pile Foundations -- Development of Earth-Based Mortars for Usage in Earth Construction -- Experimental investigations of capacity response of a root pile in combination of O-cell test and conventional head-down test method -- Finite Element Modeling of Soil Arching in Pile Supported Embankment: 2D Approach -- Study of slope stability using piles, pathological case in Mostaganem, Algeria -- Effect of Fines and Matric Suction on the Collapsibility of Sandy Soils -- Assessment of earth retaining wall sustainability: Value functions and stakeholder weighting sensitivity -- Numerical study of passive earth pressure on retaining walls -- Understanding Pile Foundations Design Through Case Histories of New Tagus Bridge and Leziria Bridge -- Enhancement of Raft Foundation Using Micro Pile Technique. .
Sommario/riassunto	This edited book's theme is organized as a part of the GeoMEast 2019

International Congress and Exhibition that was held in Cairo, Egypt, on November 10–14 2019. The editors like to express their deep appreciation and gratitude to the authors for their valuable contributions to the GeoMEast 2019 proceedings and to all session chairs and reviewers for their sincere efforts to make this book a reality. The editors are very grateful to have this opportunity to participate in organizing this GeoMEast 2019 conference and hope that this book theme is a valuable reference to the civil/geotechnical engineering community worldwide.

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