

1. Record Nr.	UNINA9910337902103321
Titolo	Sustainability Issues in Environmental Geotechnics : Proceedings of the 2nd GeoMEast International Congress and Exhibition on Sustainable Civil Infrastructures, Egypt 2018 – The Official International Congress of the Soil-Structure Interaction Group in Egypt (SSIGE) // edited by Hesham Ameen, Tamer Sorour
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-01929-2
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (225 pages)
Collana	Sustainable Civil Infrastructures, , 2366-3405
Disciplina	624.151
Soggetti	Geotechnical engineering Chemical engineering Mineralogy Industrial management—Environmental aspects Waste management Geotechnical Engineering & Applied Earth Sciences Industrial Chemistry/Chemical Engineering Sustainability Management Waste Management/Waste Technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Effect of density and carbonates on thermal properties of virgin soil -- Enviro-economic evaluation of dumpsite rehabilitation solutions in developing countries -- Geosynthetics, an emerging engineered technology in soil stabilization in the third world nations for sustainable development -- Geoenvironmental impact of bauxite residue stabilized with fly ash and gypsum to mitigate the leaching problems -- Evaluation of surfactant formulation for eor in some depleted oil fields of upper assam -- Proportioning of clsm containing class c fly ash, ggbs, quarry dust and processed slag sand -- New theory of soil response to a high energy impact and its environmental consideration -- Contaminated soil remediation: a novel cartographic

model for the representation of technical maps -- Chemical transport through porous media for eor of upper assam basin, india -- Environmental impact assessment of mechanically stabilized earth retaining structures -- Formulation of chemical slug for eorr application of moran oil field of upper assam basin -- A green approach for oil field produced waters of upper assam basin -- Potential of using tire waste in soil reinforcement and its application in geocells under static and dynamic loading - a review. .

Sommario/riassunto

This edited volume deals with the attempts made by the scientists and practitioners to address contemporary issues in geoenvironmental engineering such as characterization of dredged sediments, geomaterials and waste, valorization of waste, sustainability in waste management and some other geoenvironmental issues that are becoming quite relevant in today's world especially in view of the high urbanization rates, advancement in technologies, and changes in consumption behavior of people. In this regard, wastes generated through the daily activities of individuals and organizations pose many challenges in their management. The volume is based on the best contributions to the 2nd GeoMEast International Congress and Exhibition on Sustainable Civil Infrastructures, Egypt 2018 – The official international congress of the Soil-Structure Interaction Group in Egypt (SSIGE).
