1. Record Nr. UNINA9910350299503321

Titolo	Sustainable Engineering : Proceedings of EGRWSE 2018 / / edited by Arvind Kumar Agnihotri, Krishna Reddy, Ajay Bansal
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2019
ISBN	981-13-6717-5
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XII, 388 p. 160 illus., 112 illus. in color.)
Collana	Lecture Notes in Civil Engineering, , 2366-2565 ; ; 30
Disciplina	624.15
Soggetti	Engineering geology Environmental engineering Biotechnology Bioremediation Geotechnical engineering Geoengineering Environmental Engineering/Biotechnology Geotechnical Engineering and Applied Earth Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Application of response surface methodology to optimize the reaction parameters for grafting of cellulosic fiber -- Bioregeneration of granular activated carbon adsobred with analytical grade hydroquinone compound using mixed bacterial culture -- Bearing Capacity improvement of Sand Bed Reinforced with 3D Geogrids of Rectangular Pattern -- Rain Garden, A Solution to Urban Flooding: A Review -- Al-Fe and Al-Ti pillared saponite clay catalysts: Preparation and Characterization -- Performance Based Seismic Evaluation of Multi Storey R.C.C Building with Addition of Shear Wall -- Synthesis and characterization of the graft copolymers of starch for the application in packaging films -- Application of RSM for optimizing the biodiesel production catalyzed by calcium methoxide -- Synthesis and characterization of chemically derived graphene oxide from graphite.
Sommario/riassunto	This volume contains selected papers presented during the International Conference on Environmental Geotechnology, Recycled Waste Material and Sustainable Engineering (EGRWSE-2018). The

multidisciplinary articles in this volume discuss environment-friendly technologies and the application of 'smart' solutions and initiatives to improve infrastructure and services, with a strong emphasis on sustainability and conservation of resources. This volume will be of interest to engineers, professionals, and researchers working on improving urban infrastructure and strengthen civic amenities in a sustainable manner. .