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Titolo	Sustainable Practices and Innovations in Civil Engineering : Select Proceedings of SPICE 2019 // edited by S. Ramanagopal, Madhavi Latha Gali, Kartik Venkataraman
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Collana	Lecture Notes in Civil Engineering, , 2366-2557 ; ; 79
Disciplina	628
Soggetti	Engineering geology Foundations Hydraulics Sustainable architecture Water pollution Building Transportation engineering Traffic engineering Geoengineering, Foundations, Hydraulics Sustainable Architecture/Green Buildings Waste Water Technology / Water Pollution Control / Water Management / Aquatic Pollution Building Construction and Design Transportation Technology and Traffic Engineering
Lingua di pubblicazione	Inglese
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Nota di contenuto	Studies on the Impact of Ternary Blend for Early Prediction of Compressive Strength Using Accelerated Curing -- Review Study on Glass Fibre Reinforced Gypsum (GFRG) Panels -- Modeling of Organic Acid Transport in Unsaturated Sub-Surface System -- State of the Art Review - Methods of Chromium Removal from Water and Waste -- Study on Behaviour of Web Stiffened Built-Up Beam -- Geotechnical Properties of -Glucan Treated Clayey Sand -- Composite Leaching of

Thermal Power Plant Bottom Ash to Ensure Its Performance on Cement Mortar -- Enhancing the Performance of Bottom Ash using Acid Leaching Method -- An Experimental Investigation of Flexural Behaviour of Ferrocement Box Beams Using Micro Fillers -- An Analytical Framework of Climate Change Impacts on Water Resources: Vulnerability and Integrated Adaptation Strategies.

Sommario/riassunto

This book presents the select proceedings of the International Conference on Sustainable Practices and Innovations in Civil Engineering (SPICE 2019). The chapters discuss emerging and current research in sustainability in different areas of civil engineering, which aim to provide solutions to sustainable development. The contents are broadly divided into the following six categories: (i) structural systems, (ii) environment and water resource systems, (iii) construction technologies, (iv) geotechnical systems, (v) innovative building materials, and (vi) transportation. This book will be of potential interest for students, researchers, and practitioners working in sustainable civil engineering related fields.
