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Titolo	Advances in Sustainable Construction and Resource Management // edited by Hemanta Hazarika, Gopal Santana Phani Madabhushi, Kazuya Yasuhara, Dennes T. Bergado
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ISBN	981-16-0077-5
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (949 pages) : illustrations
Collana	Lecture Notes in Civil Engineering, , 2366-2565 ; ; 144
Disciplina	690
Soggetti	Buildings - Design and construction Engineering geology Sustainable architecture Building Construction and Design Geoengineering Sustainable Architecture/Green Buildings
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	International conference proceedings. Conference postponed from 2020 due to COVID pandemic; held in March 9-11, 2021 organized by Kyushu University, Fukuoka, Japan
Nota di contenuto	A Review of Data on Biodegradable Resin Concrete and Future Tasks -- California Bearing Ratio of a Cohesive Soil Reinforced with Waste TyreFibres -- Effect of Installed Geotextiles / Polyester and Biodegradable Material for Dewatering Soft Clay -- Effect of Moisture Content on Particle Breakage of Recycled Concrete Aggregates during Compaction -- Environmental Implications of the Recycling of End-of-life Tires in Seismic Isolation Foundation Systems -- Estimating Landfill Height Considering the Heterogeneous Physical Property of Dredging Soil as Reclamation Material. .
Sommario/riassunto	This book comprises the proceedings of the 1st International Symposium on Construction Resources for Environmentally Sustainable Technologies. The contents of this volume focus on issues related to natural and man-made disasters, and discuss solutions through the use of alternative resources, towards building a sustainable and resilient society from geotechnical perspectives. Some of the themes

covered include recycled materials in geotechnical constructions, management and utilization of disaster wastes, climate change independent natural disasters, socio-economic and environmental aspects in sustainable construction, physical and numerical modelling of disaster mitigation techniques, etc. This book will be beneficial to researchers, practitioners, and policy-makers alike. .

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