

1. Record Nr.	UNINA9911049102903321
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Titolo	Engineering Soil, Water and Environment for Sustainable Infrastructure : Select Proceedings of SIIOC 2024 // edited by Sreevalsaa Kolathayar, Amarnath Hegde, Anand Shivapur, Raviraj H. Mulangi
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9675-52-9
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (366 pages)
Collana	Lecture Notes in Civil Engineering, , 2366-2565 ; ; 661
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Disciplina	624
Soggetti	Civil engineering Sustainable architecture Buildings - Design and construction Civil Engineering Sustainable Architecture/Green Buildings Building Construction and Design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Thermal Environment Analysis of an Office with the Intervention of Phase Change Materials for Warm and Humid Climate -- Assessing the quality of drinking water filtered through commercial filters and also designing suitable gravity water filters for residential usage -- Health Risk Assessment of Heavy Metals in Particulate Matter at a Typical Toll -- A temporal urban air quality assessment across diverse zones in an urban setting – A case study of Bengaluru City.
Sommario/riassunto	This book presents select proceedings of the International Conference on Sustainable Infrastructure: Innovations, Challenges and Opportunities (SIIOC 2024). It focuses on sustainable infrastructure by engineering soil, water and environment. The book is a comprehensive volume for sustainable infrastructure systems leveraging the latest findings in the fields of geotechnical engineering, water resource management. This book presents select proceedings of the International Conference on Sustainable Infrastructure: Innovations, Challenges and

Opportunities (SIIOC 2024). It focuses on sustainable infrastructure by engineering soil, water and environment. The book is a comprehensive volume for sustainable infrastructure systems leveraging the latest findings in the fields of geotechnical engineering, water resource management, and environmental sciences. This book covers topics related to various UN Sustainable Development Goals (SGDs) like SDG 6 - Clean Water and Sanitation; SDG 9 - Industry, Innovation and Infrastructure; SDG 11- Sustainable Cities and Communities, and SDG 13- Climate Action. therefore, it is a valuable resource for researchers and professionals working in these SDGs. This book covers topics related to various UN Sustainable Development Goals (SGDs) like SDG 6 - Clean Water and Sanitation; SDG 9 - Industry, Innovation and Infrastructure; SDG 11- Sustainable Cities and Communities, and SDG 13- Climate Action. therefore, it is a valuable resource for researchers and professionals working in these SDGs.
