

Special Issue

Reuse of Waste Streams for Geotechnical and Geo-Environmental Applications

Message from the Guest Editors

Over the last few decades, a large amount of waste has been generated from industrial, domestic, and agricultural activities owing to population and economic growth. In addition, with technological and industrial advancement, new types of wastes, including polymeric, organic, and hazardous waste, have emerged. Failure to address their possible reuse, recycling, and treatment may have adverse effects on human health and the ecosystem. Therefore, an efficient waste utilization technique has to be established to alleviate the problems. This Special Issue aims at current practices in the utilization of various waste for soil applications, their interaction, and their effect on mechanical, hydraulic, physical, chemical, electrical, and thermal characteristics integrated with economic, social, and environmental considerations. The Special issue calls for original research and reviews manuscripts, including case studies for waste utilization in the field geotechnical and geoenvironmental applications.

Guest Editors

Prof. Dr. Gemmina Di Emidio
Ghent University, Ghent, Belgium

Dr. Ecem Nur Barisoglu
Ghent University, Ghent, Belgium

Dr. Muhammad Khizar Khan
Ghent University, Ghent, Belgium

Deadline for manuscript submissions

closed (31 October 2021)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/58660

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)