Special Issue

The Sustainable Materials in Earthwork Engineering--Application of Anthropogenic Soils

Message from the Guest Editors

The aim of sustainable materials in earthwork engineering is the ability to re-use materials that are by-products of manufacturing, mineral extraction, demolition, and any other process where the material is no longer serving its purpose. Earthwork engineering represents a place where a great quantity of such materials may be recycled. In this context, there is a great need for deeper knowledge concerning anthropogenic soils in the field. Studies are welcome that address at least one of the following topics:

- Mechanical properties of the anthropogenic soil, as determined by laboratory and in situ testing, as well as the numerical analysis of whole earthen constructions.
- Chemical properties in which the impact of the chemical composition and water flow will highlight the environmental impact of the anthropogenic soils.
- Physical properties where the soil particles and grains are studied in order to understand the anthropogenic soils from a micromechanical perspective.

Experimental investigations, mathematical descriptions, and case studies that propose general procedures that could be applied in earthwork engineering are all welcome.

Guest Editors

Dr. Andrzej Głuchowski

Water Centre, Warsaw University of Life Sciences, 02787 Warsaw, Poland

Prof. Dr. Wojciech Sas

Institute of Civil Engineering, Warsaw University of Life Sciences—SGGW, 166 Nowoursynowska Street, 02-787 Warsaw, Poland

Deadline for manuscript submissions

closed (31 July 2022)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/51581

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

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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, CAPlus / SciFinder, and other databases.

Journal Rank:

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

