

Special Issue

Sustainable Development of Geotechnical Engineering

Message from the Guest Editor

This Special Issue aims to publish the most recent research on soil and rock mechanics, geotechnical systems, and geomaterials in the geotechnical and geoenvironmental engineering fields. Geotechnical engineering is the most resource-intensive discipline. Geotechnical engineering design and construction require a large amount of resources and energy, and alter the terrain for generations. Inadequate awareness of the influence of a geotechnical procedure on the ecological balance of the surrounding environment is a key barrier to incorporating sustainability into geotechnical engineering. Furthermore, there is a lack of a reference framework that can assist in determining the best geotechnical and geoenvironmental solution while also balancing economy and ecology. The lack of geosustainability literature and a proper sustainability assessment framework for geotechnical practice exacerbates these disadvantages. We invite researchers to submit original research and review articles that will help to stimulate ongoing research on the use of recent computational and intelligence methods to assess and solve various geotechnical engineering problems.

Guest Editor

Dr. Han-Saem Kim

Earthquake Research Center, Korea Institute of Geoscience and Mineral Resources (KIGAM), Daejeon 34132, Republic of Korea

Deadline for manuscript submissions

closed (30 September 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 8.9



mdpi.com/si/117661

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 8.9



[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. 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)