



Achieving and Communicating Sustainability in Geotechnical Design

Guest Editors:

Prof. Dr. Marco Uzielli

Department of Civil and
Environmental Engineering,
University of Florence, 50121
Firenze, Italy

Dr. Vittoria Capobianco

Department of Natural Hazards,
Norwegian Geotechnical
Institute, 7485 Trondheim,
Norway

Message from the Guest Editors

This Special Issue, entitled “Achieving and Communicating Sustainability Through Geotechnical Design”, aims to provide a set of best-practice contributions. This will focus on two principal areas. First among these is the explicit quantitative inclusion of sustainability concepts and criteria in new geotechnical designs; this will be paired, secondly, with an analysis of the use of quantitative sustainability parameters in existing designs. We invite you to contribute to this Issue by submitting comprehensive reviews, case studies, or research articles focusing on topics such as, but not limited to:

- the quantification of sustainability in reliability-based and performance-based geotechnical design
- the assessment of sustainability in the geotechnical design of nature-based solutions
- the quantification the sustainability of energy geotechnics
- the modelling of the sustainability of geotechnical projects through quantitative life cycle analysis
- the quantification the sustainability of geotechnical design in the light of climate change

Deadline for manuscript
submissions:

closed (15 February 2024)





an Open Access Journal by MDPI

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

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.

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](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

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

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)