

Special Issue

Innovative Solutions for Sustainable Geotechnical Applications

Message from the Guest Editors

This Special Issue seeks contributions in the new research areas of geotechnical engineering. Topics of interest may include (but are not limited to) the following:

- Sustainable systems (e.g., innovative, energy-efficient and low carbon ground reinforcement techniques; reuse, retrofitting or rehabilitation of existing foundations);
- Sustainable materials (e.g., use of environmentally friendly material; innovative use of recycled materials; use of waste materials or by-products from production processes; use of innovative and recycled binders for soil stabilization; bioengineered materials; geosynthetics);
- Sustainable energies (e.g., geotechnics for renewable energies; energy geostructures; geomaterial energy);
- Sustainable construction and maintenance technologies;
- Sustainability assessments in geotechnical design;
- Advanced geotechnical characterization and field monitoring ;
- Geo-hazard mitigation;
- Resilience of geotechnical infrastructures and systems.

Guest Editors

Dr. Marco Rosone

Dr. Francesca Ceccato

Dr. Stefano Stacul

Dr. Mingliang Zhou

Deadline for manuscript submissions

closed (1 March 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/113793

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. 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)