

Special Issue

Marine Geotechnical Engineering and Marine Civil Engineering Construction

Message from the Guest Editors

Marine geotechnical engineering attracts increasing attention with the rise of offshore structure construction, such as oil and gas platforms and undersea tunnels. Marine soil exposed to seawater significantly differs from conventional soil in physical and mechanical properties. To better understand marine geotechnical concerns in practice, the introduction of marine civil engineering construction techniques and marine geotechnical hazards based on field surveys is also appreciated. We hope that this Special Issue will provide new insights into marine geotechnical challenges in marine civil construction and fill some research gaps in the field of marine geotechnical engineering. This complex task revolves around several topics, including but not limited to the following:

- Marine soil mechanics;
- Offshore foundations;
- Marine geohazards;
- Wind turbine pile foundations;
- Artificial ground freezing technology;
- Seismic hazards and risk analysis of offshore structures;
- Reinforcement treatment methods for soft coastal foundations;
- Marine renewable energy;

Guest Editors

Prof. Dr. Jun Hu

Dr. Guan Chen

Dr. Yong Fu

Deadline for manuscript submissions

closed (31 December 2022)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 8.9



mdpi.com/si/120465

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)