

Special Issue

Exploration of Marine Geological Resources and Geological Technology

Message from the Guest Editors

Oceans have significant potential in terms of their mineral and energy resources, and this potential is widely underexplored. Hence, oceans contain vast quantities of materials that presently serve as major resources for humans. Large-scale ocean geological resource exploitation represents both opportunities and challenges. The sustainable management of mining is vital to minimize the impacts of mining on marine georesources. The mechanical behavior of marine sediment in different regions is also vital to safe and sustainable georesource acquisition. Accordingly, advanced marine geological technologies in the field of ocean resource exploitation are urgently required. This Special Issue will focus on research aspects including marine and offshore renewable energy, the mechanical behavior of marine sediment, gas hydrate production, wind turbines, marine resource exploitation, marine geohazards, new marine geological technology, ocean mining, offshore foundation engineering, and coastal disaster reduction technology. We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Yang Wu

Dr. Norimasa Yoshimoto

Prof. Dr. Rongtao Yan

Deadline for manuscript submissions

10 March 2025



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



mdpi.com/si/142137

Sustainability
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 6.8



[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. *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.

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

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, CAPIus / SciFinder, and other databases.

Journal Rank:

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