

## 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.

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### Guest Editors

Prof. Dr. Yang Wu

Dr. Norimasa Yoshimoto

Prof. Dr. Rongtao Yan

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### Deadline for manuscript submissions

closed (10 March 2025)



## Sustainability

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### Editor-in-Chief

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