

Special Issue

Advances in Marine Geotechnics

Message from the Guest Editor

The ocean is rich in renewable energy, petroleum, biological, and space resources, and it is an important strategic space for human survival and economic development. The intricate interplay among geotechnical engineering, ocean engineering and sustainability principles has become a central focus, especially in light of growing global energy demand and escalating environmental concerns. With the maturity of marine development technologies, industries such as offshore wind power, deep-sea mining, and undersea tunnels are booming. Advancing the sustainable development of geotechnical and ocean engineering can help improve resource and energy extraction, improve environmental friendliness, and protect biodiversity. This special issue covers the latest and future developments in marine resource exploitation, geological hazards, engineering geology, environmental fluids and geotechnical engineering. We also encourage the submission of original research and comprehensive reviews through field investigations, novel data acquisition techniques, laboratory and model experimental studies, new numerical methods, and the application of artificial intelligence methods in these areas.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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