

## Special Issue

# Development and Challenges in Marine Geology

### Message from the Guest Editors

This Special Issue is dedicated to the latest advancements in marine geology. The marine environment has been of significant academic interest since the inception of earth sciences. Contributing authors are invited to present new insights in areas such as marine sediment mapping using advanced techniques (e.g., multispectral analyses, remotely operated vehicles), seafloor geology (stratigraphy and lithology), marine geochemistry, marine minerals (hydrocarbons, gas hydrates, placers, polymetallic nodules), sediment transport simulations, coastal behavior using remote sensing and field data, and seismic and multi beam survey data.

- marine sediment mapping
- marine minerals
- sediment transport simulation
- seafloor geology
- seismic and multi beam survey data

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### Guest Editors

Dr. Ioannis Vakalas

Dr. Irene Zananiri

Dr. Henry Vallius

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### Deadline for manuscript submissions

20 September 2025



## Applied Sciences

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## About the Journal

### 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.

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### Editor-in-Chief

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