



## Gas Hydrates in Marine Environments

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### Message from the Guest Editors

Natural gas hydrate has been considered as a potential clean energy resource for the future due to its large resource volume and high energy density with more than 97% identified at marine settings. Other types of gas hydrates (e.g. CO<sub>2</sub> hydrate, semi-clathrates) could play an important role in long-term carbon storage to achieve the world's most urgent mission—carbon neutrality by 2050. Thus, the interactions between gas hydrate and environments comprise an extremely viral research topic, which is the key scope of this Special Issue. The geological phenomena of gas hydrate are intriguing and the technological applications of gas hydrate has gained ever-increasing research interests.

This Special Issue aims to solicit the most innovative studies covering chemical, physical, geological, geochemical, geomechanical, environmental, economic aspects of gas hydrates and hydrate-bearing sediments.

[...]

For further reading, please follow the link to the Special Issue Website at:

[https://www.mdpi.com/journal/water/special\\_issues/gas\\_hydrates\\_marine](https://www.mdpi.com/journal/water/special_issues/gas_hydrates_marine)





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## Message from the Editor-in-Chief

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