Special Issue

Gas Hydrates in Marine Environments

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. CO2 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

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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