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Deepwater Gas Hydrate Exploration Challenges and Technology Developments in the Western Pacific and Indian Ocean

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Message from the Guest Editors

Dear Colleagues,

A Special Issue of the open access journal *Energies* is planned on gas hydrate research and development in the exploration and production process from the increasing activities in the Western Pacific and Indian Ocean. As we expect new discoveries from the seabed mapping activities in the UN Ocean Decade (2021–2030) and new results from the planned commercial gas hydrate productions in Japan and China, review of deepwater operational challenges and further developments of new tools are crucial for the progress and success.

This issue will focus on reviews of exploration, drilling, sampling challenges, and advanced technology developments to overcome those challenges as well as more research in the needed areas such as real-time in situ monitoring, gas and fluid migration pathways, and deepwater fluid venting.



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Special Issue



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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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