

## Special Issue

# Recent Advances in Gas Hydrate Research Related to the Flow, Storage and Transport of Gases

### Message from the Guest Editors

We are pleased to present this novel Special Issue concerning "Recent Advances in Gas Hydrate Research Related to the Flow, Storage and Transport of Gases".

The purpose of this Special Issue is to compile recent experimental and field observation studies along with theories and numerical simulations for the advancement of our understanding of gas hydrate in flow assurance, gas storage and transportation technology. Possible topics include, but are not limited to, the following:

- The risk management of flow assurance;
- The dynamic behavior of gas hydrates in gas flowline;
- Advanced analytical methods and modeling for gas hydrates in flowline;
- The molecular simulation of gas hydrate in flowline and transport;
- Advance computational approaches for gas hydrate in flowline and transport;
- Technological development and technical challenges for storing and transporting gas hydrates;
- The evaluation of the economic feasibility of storing and transporting gas hydrates;
- Optimal methodologies for storing gas in hydrates.

### Guest Editors

Dr. Parisa Naeiji

GFZ German Research Centre for Geosciences, Telegrafenberg, 14473 Potsdam, Germany

Prof. Dr. Judith Schicks

GFZ German Research Centre for Geosciences, Telegrafenberg, 14473 Potsdam, Germany

### Deadline for manuscript submissions

closed (5 April 2024)



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*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Enrico Sciubba  
Department of Mechanical and Industrial Engineering, University  
Niccolò Cusano, 00166 Roma, Italy

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