



energies



an Open Access Journal by MDPI

Natural Gas Hydrates: Exploration and Development

Guest Editors:

Prof. Dr. Dongliang Zhong

State Key Laboratory of Coal Mine Disaster Dynamics and Control, Chongqing University, Chongqing 400044, China

Dr. Bisheng Wu

Department of Hydraulic Engineering, Tsinghua University, Beijing 100084, China

Deadline for manuscript submissions:

closed (31 December 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to present and disseminate the most recent advances related to the exploration and development of natural gas hydrates, illustrating fundamental theories, applied technologies and field practices. We invite prospective authors to submit original research articles, as well as review articles, on various topics including natural gas hydrates and hydrate-based technologies.

Topics of interest for publication include, but are not limited to:

1. Natural gas hydrates (characterization, exploration, and environmental impacts, etc.)
2. Gas hydrate fundamentals (thermodynamics, kinetics, etc.)
3. Gas hydrate-based technologies (CO₂ capture and sequestration, gas separation, desalination, etc.)

Keywords:

- natural gas hydrates
- natural gas
- exploration and development
- thermodynamics
- kinetics



mdpi.com/si/177386

Prof. Dr. Dongliang Zhong

Dr. Bisheng Wu

Guest Editors

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)