

Special Issue

Production of Energy-Efficient Natural Gas Hydrate

Message from the Guest Editors

Natural gas hydrate is considered as a promising source of energy for the 21st century, which has attracted widespread attention for the last decades. The special issue, “Production of Energy-efficient Natural Gas Hydrate”, aims to report on the latest findings on hydrates from researchers around the world, covering experimental, theoretical, and simulation studies. We encourage original research papers on this special issue from a wide range of topics regarding hydrates including, but not limited to:

- Fundamentals of gas hydrate phase transfer
- Natural gas hydrate production technologies
- Environmental impacts of gas hydrate (Climate, Geohazard, etc.)
- Natural gas hydrate resource (Characterization, Exploration, Recovery, etc.)
- Flow assurance
- Hydrate-based CO₂ capture and storage
- Numerical simulation (Laboratory scale, Site scale, Prediction, etc.)

Guest Editors

Dr. Tao Yu

Dr. Zhenyuan Yin

Dr. Bingbing Chen

Dr. Pengfei Wang

Dr. Ying Teng

Deadline for manuscript submissions

closed (20 February 2025)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

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Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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