Special Issue

Numerical Simulation of Oil and Gas Storage and Transportation

Message from the Guest Editors

With the development of computer science and computing techniques, numerical simulation plays an increasingly important role in oil and gas storage and transportation engineering, aiding in the design phase, predicting the service conditions, and assisting during accident analyses. This Special Issue on "Numerical Simulation of Oil and Gas Storage and Transportation" seeks high-quality works focusing on the latest advances in numerical techniques and their applications in oil and gas storage and transportation. The topics include but are not limited to the following:

- Numerical simulation of long-distance crude/product oil pipelines or pipeline networks;
- Numerical simulation of long-distance natural gas pipelines or pipeline networks;
- Numerical simulation of gathering and transportation pipelines in oil and natural gas fields;
- Numerical simulation of oil and gas tank and underground oil and gas storage;
- Numerical simulation of storage and transportation of new energy media such as hydrogen, methanol, and carbon dioxide;
- Applications of artificial intelligence (AI) in the numerical simulation of oil and gas storage and transportation.

Guest Editors

Dr. Xu Sun
Dr. Xiaoben Liu
Dr. Zitao Jiang

Deadline for manuscript submissions

25 June 2026

Processes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5

mdpi.com/si/214124

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

mdpi.com/journal/processes

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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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