

## Special Issue

# Oil and Gas Drilling Rock Mechanics and Engineering

### Message from the Guest Editors

With this Special Issue on “Oil and Gas Drilling Rock Mechanics and Engineering”, we aim to attract original research articles and review papers that cover research on new experimental, analytical or numerical modeling methods and results in petroleum-related rock mechanics. Research topics may include (but are not limited to) the following:

- Wellbore instability prediction and control;
- Sand production prediction and control;
- Hydraulic fracturing in various reservoir formations;
- Cement sheath failure prediction and control.

We look forward to receiving your contributions.

---

### Guest Editors

Prof. Dr. Wei Liu

Prof. Dr. Tiankui Guo

Dr. Ming Chen

---

### Deadline for manuscript submissions

closed (10 January 2025)



## Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/158171](https://mdpi.com/si/158171)

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

[mdpi.com/journal/  
processes](https://mdpi.com/journal/processes)





# Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/journal/  
processes](https://mdpi.com/journal/processes)



## About the Journal

### 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

---

### 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, Inspec, AGRIS, and other databases.

#### Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))