

## Special Issue

# Advances in Oil and Gas Reservoir Modeling and Simulation

### Message from the Guest Editors

This Special Issue welcomes research articles in the following areas: **1. CO<sub>2</sub> Sequestration:** Techniques, mechanisms (e.g., structural trapping), or case studies (e.g., Sleipner in the North Sea, Illinois Basin in the U.S.). **2. Plume Propagation:** Modeling, monitoring, and examples of successful subsurface tracking. **3. CO<sub>2</sub> EOR:** Case studies, operational challenges, or integration with sequestration. **4. Integration Challenges:** Regulatory, economic, or technical barriers. **5. Environmental Impact:** Leakage risks, long-term monitoring, or effects on local ecosystems.

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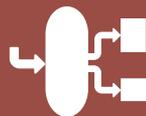
### Guest Editors

Prof. Dr. Fathi Boukadi  
Dr. Talal Gamadi  
Prof. Dr. Abdulrazag Zekri

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### Deadline for manuscript submissions

31 October 2026



## Processes

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

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## About the Journal

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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.

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### 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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