

Special Issue

Coalbed Methane Development Process

Message from the Guest Editors

This Special Issue explores the latest developments in coalbed methane exploration and development. Topics include, but are not limited to, the following: new theories and methods in coalbed methane geological exploration (evaluation technology of gas content in deep coal seams, simulation technology of coal macromolecule adsorption, evaluation technology of coal reservoir permeability, evaluation technology of coal reservoir fracturability, and numerical simulation technology of coalbed methane, etc.); innovations and applications in coalbed methane development technologies; the chemistry of produced water from coalbed methane wells; the treatment of produced water; the environmental effects of produced water (drilling and completion technology, fracturing technology, optimization technology of well pattern and well spacing, optimization technology of gas drainage, CO₂-ECBM, etc.); and environmental protection measures during coalbed methane extraction (the chemistry of produced water from coalbed methane wells, the treatment of produced water, the environmental effects of produced water, etc.).

Guest Editors

Prof. Dr. Songhang Zhang

Prof. Dr. Qiulei Guo

Dr. Xinlu Yan

Deadline for manuscript submissions

30 September 2025



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/229697

Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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))