

## Special Issue

# Exploration and Development of Unconventional Oil and Gas Resources: Latest Advances and Prospects: 3rd Edition

### Message from the Guest Editors

Fossil fuels are important to both the global and Chinese economies, and “unconventional” oil and gas resources—resources that cannot be produced, transported, or refined using traditional techniques—are expected to play a larger role in helping the U.S. and China meet future energy needs. With rising energy prices, unconventional oil and gas resources have received renewed domestic attention in recent years. The efficient exploration and development of unconventional oil and gas needs the support of a series of geological and engineering studies, including those focused on exploration, evaluation, drilling, completion, and production. The aim of this Special Issue is to introduce the latest progress in unconventional oil and gas geology and engineering, especially for reservoir evaluation, geological enrichment factors, enrichment model, permeability integrated evaluation, and mechanism analysis.

---

### Guest Editors

Prof. Dr. Shu Tao

Dr. Wei Ju

Dr. Shida Chen

Dr. Zhengguang Zhang

Dr. Jiang Han

---

### Deadline for manuscript submissions

closed (25 February 2026)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 8.3



[mdpi.com/si/233676](https://mdpi.com/si/233676)

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

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





# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 8.3



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



## About the Journal

### Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

---

### Editor-in-Chief

Prof. Dr. Enrico Sciubba  
Department of Mechanical and Industrial Engineering, University  
Niccolò Cusano, 00166 Roma, 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, RePEc, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

CiteScore - Q1 (Control and Optimization)