



energies



an Open Access Journal by MDPI

New Insights into Enhanced Oil Recovery (EOR) for Unconventional Reservoirs

Guest Editors:

Dr. Zhaojie Song

State Key Laboratory of
Petroleum Resources and
Prospecting and Unconventional
Petroleum Research Institute,
China University of Petroleum,
Beijing 102249, China

Prof. Dr. Shengnan Chen

Department of Chemical and
Petroleum Engineering,
University of Calgary, Calgary,
Canada

Dr. Hu Jia

State Key Laboratory of Oil and
Gas Reservoir Geology and
Exploitation, Southwest
Petroleum University, Chengdu
610500, China

Deadline for manuscript
submissions:

closed (3 August 2023)



mdpi.com/si/127275

Message from the Guest Editors

Unconventional reservoirs are a strategic resource that can alleviate the contradiction between energy supply and demand. The development of unconventional reservoirs by horizontal wells and stimulated reservoir volume fracturing has achieved some success, but the low oil recovery is still an unavoidable problem. This issue will seek to ignite contrasting perspectives toward an effective recovery enhancement approach for unconventional reservoirs.

The Special Issue will expand on essential technical challenges for improving the oil recovery of unconventional reservoirs.

Potential topics of interest include but are not limited to:

- CO₂ storage and enhanced oil recovery in unconventional;
- Novel methods for enhanced oil recovery in unconventional;
- Theoretical and experimental investigation on the liquid transport in porous media;
- Phase behavior of multicomponent fluids in unconventional;
- Rock–fluid and fluid–fluid interactions PVT data analysis;
- Production performance evaluation;
- Case studies in IOR/EOR field pilots.

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

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.

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, CAPus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (*Engineering (miscellaneous)*)

Contact Us

Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://x.com/energies_mdpi)