energies

an Open Access Journal by MDPI

IMPACT FACTOR 3.0

CITESCORE 6.2

Enhanced Oil Recovery by the Digital Intelligence Sealaplugology

Guest Editors:

Prof. Dr. Lihui Zheng
College of Petroleum Engineering, China University of Petroleum (Beijing), Beijing 102249, China

Dr. Nannan Liu
School of Petroleum and Natural Gas Engineering, Changzhou University, Changzhou 213164, China

Dr. Xiaopeng Zhai
Hubei Provincial Key Laboratory of Oil and Gas Drilling and Production Engineering (Yangtze University), Wuhan 430100, China

Deadline for manuscript submissions:
9 February 2025

Message from the Guest Editors

Dear Colleagues,

This Special Issue is inviting the contribution of innovative studies (including both review and research papers) that report the theories, methods, technologies, materials, and case studies related to enhanced oil recovery and increased economic profits with Digital Intelligence Sealaplugology.

Topics of interest for this publication include, but are not limited to:

- All aspects of petroleum engineering related to sealaplugology, including drilling, well completion, production, workover, etc.
- All interdisciplinary research regarding sealaplugology, artificial intelligence, big data, and enhanced oil recovery.
- The development and application of novel types of sealing agents or materials for enhanced oil recovery, oil and gas well engineering, etc.
- Extraction technologies (hydraulic fracturing, diverting fracturing, in situ extraction, etc.) of unconventional oil and gas.
- Safety, reliability, and eco-friendliness in enhanced oil recovery.
- Applications of micro-nano bubbles for EOR, produced fluids treatment in oilfields
- Advanced technologies or theories for pipeline cleaning, gas storage construction, geological storage, etc.

mdpi.com/si/213163

Special Issue

energies

IMPACT FACTOR 3.0

CITESCORE 6.2

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, CAPlus / SciFinder, and other databases.
Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/energies
energies@mdpi.com
𝕏@energies_mdpi