

Special Issue

Multi-Phase Flow in Wellbore and Machine Learning Optimization Method

Message from the Guest Editors

With the development of unconventional oil and gas, the multi-phase flow in wellbore also face new challenges. For example, the multi-phase flow in multi-fracturing horizontal wells needs to be further investigated. On the other hand, the transient flow in the wellbore and the intelligent lift technologies also help to improve the lift efficiency. Thus, researchers can publish relevant studies on the Special Issue. In addition, machine learning also has been widely used in petroleum engineering. There are many researchers working on the machine learning optimization method. This Special Issue aims to present the most recent advances in machine learning, which focuses on reservoirs and wellbore.

Guest Editors

Dr. Guoqing Han

State Key Laboratory of Petroleum Resources and Prospecting, China University of Petroleum (Beijing), Beijing 102249, China

Dr. Xingyuan Liang

State Key Laboratory of Petroleum Resources and Prospecting, China University of Petroleum (Beijing), Beijing 102249, China

Deadline for manuscript submissions

closed (5 October 2023)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/136182

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[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)