



Development and Production of Oil Reservoirs

Guest Editors:

Dr. Qingbang Meng

Dr. Bin Liang

Dr. Xiacong Lyu

Dr. Yingrui Bai

Deadline for manuscript
submissions:

20 October 2024

Message from the Guest Editors

This Special Issue aims at advances in the novel technologies and methods for the development and production of oil and gas reservoirs with low-carbon emissions. These technologies should be capable of being deployed in both conventional and unconventional reservoirs. We invite a broad range of papers, including those on field practice, mathematical models, reservoir simulation methods, innovative methods of experiments, etc.

Topics for publication include, but are not limited to, as follows,

- Novel material and technology to improve oil recovery;
- Novel model and method to forecast reservoirs performance;
- Novel technology for well drilling and completion;
- Modeling and experiments of carbon storage in subsurface porous media.

Keywords

- oil/gas reservoirs
- improve oil recovery
- reservoir performance forecasting
- well drilling and completion
- multiphase flow in porous media
- reservoir engineering
- carbon storage





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

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

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

mdpi.com/journal/applsci
applsci@mdpi.com
X@Applsci