



Technologies for Oil/Gas Exploration: Recent Advances

Guest Editors:

Prof. Dr. Zhonghong Chen

School of Geosciences, China
University of Petroleum, Qingdao
City 266580, China

Dr. Youjun Tang

College of Resources and
Environment, Yangtze University,
University Road 111, Caidian
District, Wuhan 430100, China

Dr. Xiujian Ding

School of Geosciences, China
University of Petroleum, Qingdao
266580, China

Message from the Guest Editors

This Special Issue will highlight recent advancements in oil and gas exploration technologies and theories. Relative research aims to provide information on the characteristics, evolution, and formation mechanisms of deep or ancient petroleum systems with both conventional and unconventional plays, as exploration in these oil and gas systems has seen significant advances in recent years, and they are expected to become primary exploration targets in the future. All technical and theoretical advances related to oil and gas exploration, such as source rock evaluation, hydrocarbon generation processes, oil and gas phase evolution, reservoir description, petroleum migration, petroleum accumulation, and geophysical methods, can be included.

Deadline for manuscript
submissions:

closed (15 March 2023)





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 - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)