



Shale Oil and Gas Accumulation Mechanism

Guest Editors:

Dr. Xixin Wang

School of Geo-Sciences, Yangtze University, Wuhan 451199, China

Dr. Luxing Dou

College of Resources and Environment, Yangtze University, Wuhan 451199, China

Dr. Yuming Liu

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

Deadline for manuscript submissions:

closed (6 September 2022)

Message from the Guest Editors

Dear Colleagues,

In recent years, with the shift in geological thinking and the progress of horizontal well drilling and fracturing technology, shale oil and gas have been greatly explored and developed worldwide. However, while a number of high-yield shale oil and gas wells have been drilled, there are also some shale oil and gas wells with low production or even no oil and gas. In the same exploration areas, the difference in oil and gas production is also large. The challenges of how to reduce the exploration risk and define the favourable exploration target urgently need to be solved. With the increase in well data and the application of advanced analytical and testing methods, the research on shale sequence, sedimentation, reservoir, and shale oil and gas accumulation can be further deepened.

This Special Issue aims to collate articles relating to shale sequence, sedimentation, the fine characterization of shale reservoirs, shale oil and gas accumulation mechanisms, and the influence of deep crustal fluid activities on organic matter enrichment. Original research and review articles are welcome.





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, 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](https://twitter.com/energies_mdpi)