

Special Issue

Advances in Oil and Gas Exploration, Resources, and Production in China

Message from the Guest Editors

This Special Issue aims to showcase and disseminate the latest advances and new understandings in the theories and technologies of oil and gas exploration. It seeks to cover a wide range of settings, including onshore and offshore basins, ultradeep plays, and unconventional reservoirs, as well as new regions and strata such as basin–orogen junctions and small- to medium-sized basin groups. Topics of interest for publication include, but are not limited to, the following:

- Tectono-sedimentary characteristics and evolution and their relationship with hydrocarbon accumulation;
- Re-evaluation of source rocks and optimization of favorable hydrocarbon zones;
- Characteristics of reservoirs, seals, and traps and their relationship with hydrocarbon accumulation;
- Hydrocarbon accumulation models and resource potential in new areas, new strata, and new types;
- New advances and discoveries in onshore and offshore oil and gas exploration;
- New methods in oil and gas geophysics;
- New technologies in oil and gas geochemistry;
- New instruments and methods in petroleum experiments;
- New equipment and technologies for oil and gas exploration and development.

Guest Editors

Prof. Dr. Yuanyin Zhang

Prof. Dr. Shang Xu

Prof. Dr. Zezhang Song

Deadline for manuscript submissions

25 June 2026



Geosciences

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 5.1



mdpi.com/si/261177

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

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





Geosciences

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 5.1



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



About the Journal

Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Editor-in-Chief

Prof. Dr. Alberto G. Fairén

1. Centro de Astrobiología, CSIC-INTA, Madrid, Spain
2. Department of Astronomy, Cornell University, Ithaca, NY, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), GeoRef, Astrophysics Data System, and other databases.

Journal Rank:

CiteScore - Q1 (General Earth and Planetary Sciences)