



Geochemistry in the Development of Geothermal Resources

Guest Editors:

Dr. Giovanni Vespasiano

Dr. Marco Taussi

Dr. Carmine Apollaro

Dr. Ilaria Fuoco

Deadline for manuscript
submissions:

31 December 2024

Message from the Guest Editors

Geothermal energy usually refers to the heat stored beneath the Earth's surface, which can be harnessed for electricity generation or direct use in heating and cooling applications. The exploitation of such resources needs a deep understanding of the chemical characteristics of geothermal fluids (both waters and gases) and associated rocks that host the fluids' circulation pathways.

This special issue aims at collecting scientific contributions relating to the application of geochemical studies to geothermal systems. The papers can be related to both the fluid or rock/mineral matrixes and should focus on the exploration, exploitation or monitoring phases of the development of a geothermal system. Multi/inter-disciplinary studies are also strongly encouraged.





Editor-in-Chief

Prof. Dr. Jesus Martinez-Frias

Instituto de Geociencias, IGEO
(CSIC-UCM), C/ Del Doctor Severo
Ochoa 7, Edificio
Entrepabellones 7 y 8, 28040
Madrid, Spain

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.

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*)

Contact Us

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

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

mdpi.com/journal/geosciences
geosciences@mdpi.com
[X@Geosciences_OA](#)