



energies



an Open Access Journal by MDPI

Advances in Geothermal and Solar Energy Development and Utilization

Guest Editors:

Prof. Dr. Liang Gong

College of New Energy, China
University of Petroleum (East
China), Qingdao 266580, China

Dr. Chuanyong Zhu

College of New Energy, China
University of Petroleum (East
China), Qingdao 266580, China

Prof. Dr. Yan Li

College of Engineering, Ocean
University of China, Qingdao
266100, China

Deadline for manuscript
submissions:

closed (30 June 2024)

Message from the Guest Editors

The utilization of fossil-based energy has resulted in significant environmental and ecological issues that have affected our lives. One possible solution to the challenges posed by fossil-based energy is the widespread adoption of renewable sources. Among them, geothermal and solar energy are considered the most promising renewable sources and have received much attention from researchers due to their widespread distribution, vast content, and cleanliness. In recent years, significant advances have been achieved in this field, including resource assessment, economic evaluation, physical modeling, efficient exploitation and utilization of these resources, solar and geothermal energy storage technologies, and other technologies related to geothermal and solar energy. Given the rapid development of the industry and the emergence of new academic achievements in this field, this Special Issue aims to highlight the most recent experimental, numerical, theoretical, and technological advances in geothermal and solar energy development and utilization and provide a platform for academics to share their findings.



mdpi.com/si/142550

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Industrial Engineering, University
Nicolò Cusano, 00166 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://x.com/energies_mdpi)