

## Special Issue

# Energy Geotechnics and Geostructures

### Message from the Guest Editors

This Special Issue aims to gather original experimental, theoretical, and numerical research articles to present and disseminate the most recent advances related to the theory, experiment, design, modelling, application, construction, monitoring in energy geotechnics and geostructures. Topics of interest for publication include, but are not limited to, the following:

- Application of phase change materials in geostructures;
- Theory and method advance in thermal-hydrodynamic-mechanical-chemical coupled processes;
- Evaluation method and risk control in utilizing abandoned mine space for energy storage;
- Integration of geothermal with other renewable energy in geostructures;
- Role and contribution of geotechnics and geostructures to carbon neutrality;
- Energy and mass transfer in complex hydrogeological conditions;
- Exergic analysis in energy geotechnics and geostructures;
- New smart monitoring apparatus and methods.

### Guest Editors

Dr. Peng Pei

Mining College, Guizhou University, Guiyang, Guizhou 550025, China

Dr. Fa-Qiang Su

School of Energy Science and Engineering, Henan Polytechnic University, Jiaozuo 454003, China

### Deadline for manuscript submissions

closed (10 May 2023)



## Energies

an Open Access Journal  
by MDPI

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/116492](https://mdpi.com/si/116492)

*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

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





# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



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



## About the Journal

### 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.

---

### Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University  
Niccolò Cusano, 00166 Roma, Italy

---

### 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)