

Special Issue

Shallow Geothermal Energy 2021

Message from the Guest Editor

The is delighted to invite you to submit contributions to a Special Issue of *Energies* on the subject area “Shallow Geothermal Energy 2020”. Shallow geothermal technology, often termed as ground source heat pumps (GSHP), is among the renewable heating and cooling technologies, one that offers a one-in-all approach to the urgent necessity of systems that are at the same time efficient, renewable, and highly integrable with other RES as well as within the existing electricity grid. In recent years, much research has been focused on critical areas to improve the cost, efficiency, and social acceptance of these systems, still finding serious barriers that hinder a more generalized adoption by different stakeholders. This Special Issue, thereafter, includes but is not necessarily limited to the following list of topics:

- Open and hybrid systems and integration with other renewable energy sources;
- Integration in the built environment;
- Advances in design of systems;
- Thermal response testing;
- Improvement in materials...

Guest Editor

Prof. Dr. Javier F. Urchueguía

School of Industrial Engineering, Polytechnic University of Valencia,
Camino de Vera s/n, 46022 Valencia, Spain

Deadline for manuscript submissions

closed (30 September 2021)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/45415

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)