

Special Issue

Recent Advances in Geothermal Energy Exploration

Message from the Guest Editor

The development and exploitation of renewable sources are today considered fundamental keys towards providing the energy supply security, environmental protection, and affordability. In this context, geothermal energy represents a very interesting option owing its programmable characteristic and possible integration with intermittent renewable sources and innovative energy systems. This Special Issue aims at providing a forum for information and discussion on recent advances in the area of the geothermal energy exploitation. Topics of interest include, but are not limited to:

- Innovative and traditional geothermal energy systems;
- Hybrid energy systems;
- Cogeneration and polygeneration;
- Distributed and small-scale generation;
- Heating and cooling applications;
- Assessment of geothermal sources and shallow geothermal potential;
- Exploration of geothermal fields and reservoir characterisation;
- Numerical and experimental investigations on geothermal sources exploitation;
- Assessment of environmental impacts;
- Review and economic studies on geothermal energy systems;
- Case studies and best practices;
- Policy development.

Guest Editor

Dr. Angelo Algieri

Department of Mechanical, Energy and Management Engineering,
University of Calabria, Arcavacata di Rende, Italy

Deadline for manuscript submissions

closed (30 September 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/37864

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

mdpi.com/journal/

[appls](https://appls.mdpi.com)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, 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, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)