



Sustainable Use and Techniques of Geothermal Energy

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Deadline for manuscript submissions:

closed (31 July 2022)

Message from the Guest Editors

Considering the role of renewable resources in present society, geothermal energy is considered an essential tool in the fight against climate change. However, geothermal systems are not as widespread as other renewable energies. In this context, it is necessary to identify and develop new techniques and possibilities allowing for the sustainable use of geothermal resources in common applications, such as heating/cooling and electricity production.

This present Special Issue aims to collect original research or review articles on different solutions and techniques mainly focused on the development of new alternatives of using geothermal resources. Innovative and sustainable variations of traditional geothermal systems are more than welcome publication in this Special Issue. The research can cover a wide range of possibilities and options, such as the performance of shallow geothermal systems (heat pump operation, schema of the well field, ground thermal characterization, or heat exchangers and working fluid configurations) or an analysis of electricity generation in deeper geothermal resources (new operation cycles, extraction rhythms, HDR solutions, etc.).





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Message from the Editor-in-Chief

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