Special Issue

Sustainable Geothermal Energy

Message from the Guest Editors

Shallow geothermal power plants are suitable for low temperature heat generation. Deep geothermal exploration enables the conversion of geothermal heat in electricity. The sustainability of geothermal energy becomes a pivotal objective in relation to the meeting of the expected climate goals, playing an important role in the reduction of greenhouse gas emission and environmental pollution. In addition, the coupling of a smart energy strategy with a possible utilization of subsurface energy storage is bound to boost the green energy scenario. The purpose of this Special Issue is to collect recent state-of-the-art research and review articles on sustainable geothermal energy systems. The topics of interest include but are not limited to: "Closed-loop" total reinjection—zero emissions power plants; Emission reduction from existing geothermal power plants; Life cycle assessment of geothermal power plants; Smart storage geothermal solutions; Sustainable geothermal systems; Integration of new technologies for geothermal enhancement; Toward a 100% renewable energy scenarioy; and Shallow geothermal applications.

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Deadline for manuscript submissions

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen
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