

Special Issue

Geothermal Drilling: Advancing Sustainability in the Global Energy Landscape

Message from the Guest Editor

This Special Issue explores geothermal energy's role as a sustainable and reliable power source in the global energy transition. This Special Issue will highlight geothermal energy's contribution to sustainable energy production, efficient resource utilization, and global sustainability goals, examining aspects like exploration, extraction methods, reservoir management, policy frameworks, and reducing dependence on fossil fuels. The Special Issue covers both scientific and applied research in geothermal energy, including:

- Geothermal energy's potential in various regions and its integration with other renewable sources;
- Technological advancements in exploration, drilling, and power generation;
- Socio-economic impacts, such as job creation, energy access, and economic growth in developing countries;
- Environmental sustainability, focusing on low-carbon footprints, environmental impact assessments, and the long-term viability of geothermal resources;
- Geothermal policy frameworks supporting its growth as a mainstream sustainable energy source.

Guest Editor

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Message from the Editor-in-Chief

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.

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