

## 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.

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### Guest Editor

Dr. Robello Samuel

1. Department of Petroleum Engineering, University of Houston, Houston, TX, USA
2. Halliburton, Houston, TX, USA

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### Deadline for manuscript submissions

closed (28 February 2026)



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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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## Message from the Editor-in-Chief

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

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