

Special Issue

Engineered Geothermal Systems (EGS): Advances in Exploration, Thermal Storage, and Energy Utilization

Message from the Guest Editor

We invite contributions that address interdisciplinary aspects of EGSs, including Reservoir Geomechanics, reservoir engineering, heat transfer modeling, drilling innovations, and techno-economic evaluations. This Issue also aims to highlight breakthroughs in machine learning, experimental studies, and field-scale demonstration projects that are critical for scaling EGS systems worldwide. By bringing together leading research across academia, industry, and government, this Special Issue provides a comprehensive platform to foster collaboration and accelerate the deployment of EGS as a cornerstone of clean energy infrastructure. We hope it will serve as a valuable reference for scientists, engineers, policymakers, and stakeholders involved in shaping the future of geothermal energy.

Guest Editor

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Deadline for manuscript submissions

28 February 2026



Processes

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CiteScore 5.5



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Editor-in-Chief

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