



Advancements in Thermal and Energy Geotechnics

Guest Editor:

Prof. Dr. Sherif L. Abdelaziz
Virginia Polytechnic Institute and
State University, Blacksburg, VA,
USA

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Message from the Guest Editor

This special issue of *Energies* covers the latest advancements in thermal and energy geotechnics including, among others, carbon sequestration, hydraulic fracturing for energy and gas extractions, deep geological repositories for nuclear waste, site investigations and foundation design for wind turbines, frozen soils, and energy foundations and geo-structures. The topics of interest extend from fundamental and theoretical knowledge to practical and field-scale tests. Articles in a wide variety of topics will be considered for publications including, but not limited to: thermomechanical behaviour of earth materials (soils and rocks) across the length- and time-scales, thermo-hydro-chemo-mechanical response of soils and rocks, innovative site characterizations and design methods for the foundations of offshore wind turbines, behaviour of energy foundations, advances in predicting the behaviour of frozen soils, and mechanisms underlying hydraulic fracturing of deep geological deposits. Comprehensive review articles are also welcomed. Innovative numerical models, laboratory tests, or field experiments are of interest.





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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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