

Special Issue

Investigation of Thermal Properties in Soil and Rock

Message from the Guest Editor

We would like to invite you to contribute a special issue of Applied Science journal that handles investigation of thermal properties in soil and rock. Thermal properties of soil and rock are important issue of increasing interest in different fields of civil engineering, such as geothermal energy, radioactive waste disposal, underground structure, and tunneling. For example, ground thermal conductivity and ground thermal diffusivity can affect the whole capacity of ground source heat pump system in shallow geothermal energy. The thermal conductivity of the compacted bentonite is a key design parameter to evaluate the safety assessment of deep geological repository facility to dispose radioactive waste. The scope of this Special Issue is to gather original fundamental and applied technology concerning experimental, theoretical, numerical studies related with thermal properties of soil and rock. Technical application in the field and review papers are also welcomed. Guest editor

Guest Editor

Dr. Seok Yoon
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Deadline for manuscript submissions

closed (30 April 2023)



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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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