Special Issue

Geothermal Energy: Utilization and Technology 2018

Message from the Guest Editors

Geothermal energy is a very attractive form of renewable energy. In comparison to fossil fuel, it is more environmentally friendly because of less CO2 emission and less damage to the environment. Geothermal energy has traditionally utilised hot aquifers with significant permeability to allow liberal flow of heated waters. In recent years, attention has turned to exploitation of dry (hot) rocks for geothermal energy by circulation of fluids through a 'closed' fracture network produced by hydraulic stimulation of the hot rock. However, commercial exploitation of this renewable resource is currently met with limited success either due to loss circulation of the injected fluid and/or inefficient extraction of heat from the rock mass. This proposal calls for papers in the areas of new sciences developed to enhance the recovery process of heat from deep geothermal reservoirs as well its utilisations. Prof. Dr. Ranjith Pathegama Gamage

Guest Editors

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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