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Field Scale Experiments and Monitoring of Fractured Rock Aquifers Associated with Geothermal Water

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Message from the Guest Editor

Geothermal resources are valuable clean and recyclable renewable resources with great utilization value; they can be widely used in various fields such as power generation, heating, physiotherapy, greenhouse, and aquaculture. In their natural state, geothermal resources have the characteristics of deep burial, slow groundwater recharge, and slow regeneration.

This Special Issue is organized into three sections:

Section 1: Origin of Geothermal Water: Studying the origins of geothermal water can elucidate the characteristics of geothermal water recharge, runoff, and discharge, which is very important for the monitoring of geothermal water.

Section 2: Hydrochemical Research: The dynamic monitoring and analysis of the chemical composition of geothermal water are very important to understand the change in the chemical composition of geothermal water.

Section 3: Monitoring of Fractured Rock Aquifers: By monitoring fractured aquifers and strengthening the dynamic monitoring of geothermal water and the study of its dynamic characteristics, the characteristics of the geothermal water temperature field, flow field, and chemical field can be dynamically understood.



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Special Issue



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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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