



Advances in Geothermal Water and Energy

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Message from the Guest Editor

The present Special Issue gravitates towards elucidating the influence of inherent shallow aquifer characteristics on the efficiency of installing underground thermal energy storage (UTES) systems. The most popular technologies of UTES currently available in the market include, but are not limited to, low- and high-temperature aquifer thermal energy storage (ATES), borehole thermal energy storage (BTES), pit thermal energy storage (PTES), tank thermal energy storage (TTES), and cavern thermal energy storage (CTES).

Original research/review papers referring to theoretical, experimental, or numerical studies relevant to UTES are welcome to be submitted to the present Special Issue.

Keywords

- clean energy
- hydrogeology
- seasonal heating and cooling supply
- underground thermal energy storage (UTES)
- aquifer thermal energy storage (ATES)
- borehole thermal energy storage (BTES)
- pit thermal energy storage (PTES)
- tank thermal energy storage (TTES)
- cavern thermal energy storage (CTES)





water



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Message from the Editor-in-Chief

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