

## Special Issue

# Exploration and Sustainable Management of Groundwater Resources in Geologically Complex Terrain

### Message from the Guest Editors

Groundwater is a precious and limited resource. Due to overexploitation and pollution, the available groundwater resources are declining globally. In addition, climate change poses unavoidable uncertainties to the supply and management of groundwater resources. This Special Issue welcomes original research papers and reviews focusing on recent advances and novelties in the field, as well as modeling approaches in groundwater investigation and management. Multidisciplinary investigations are strongly encouraged. Potential topics include but are not limited to the following:

- Groundwater exploration in geologically complex terrain;
- Emerging technologies for groundwater investigation, monitoring, and numerical modeling;
- Climate change impact on groundwater resources;
- Innovative methods for subsurface characterization and modeling;
- Advanced approaches for improved understanding of subsurface processes;
- Sustainability and adaptive management of groundwater resources.

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### Guest Editors

Assoc. Prof. Dr. Shih-Meng Hsu

Prof. Dr. Cheng-Haw Lee

Prof. Dr. Liang-Cheng Chang

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### Deadline for manuscript submissions

closed (30 June 2022)



## Applied Sciences

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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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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