

## Special Issue

# Advances in Hydrogeological Investigations: From Numerical Modelling to Field Applications

### Message from the Guest Editors

This Special Issue aims to present advanced techniques applied to aquifer characterization. Numerical modelling, laboratory experiments, and field investigations are main components of this Special Issue. Research on these subjects helps to improve the understanding of aquifer characteristics and thus the accuracy of simulation and prediction of groundwater flow and transport. You are encouraged to submit papers related to aquifer characterization, inverse problems of subsurface hydrology, hydraulic, thermal and solute tracer tomography, hydrogeophysics, numerical model development, field investigations and applications, aquifer heterogeneity on different scales and multidisciplinary studies. We are also interested in studies that incorporate supercomputer platforms, computer clusters, or other hardware, which can be useful tools for calibrating big data obtained from field investigations or highly resolved laboratory experiments.

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### Guest Editors

Prof. Dr. Rui Hu

Dr. Linwei Hu

Prof. Dr. Zhi Dou

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### Deadline for manuscript submissions

closed (15 August 2023)



## Water

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## About the Journal

### 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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### Editor-in-Chief

Dr. Jean-Luc PROBST

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