

Special Issue

Advances in Hydrological and Hydrogeochemical Processes and Water–Rock Interactions under Complicated Conditions and Changing Environments

Message from the Guest Editor

Scientific understanding of the hydrological processes, hydrogeochemical processes, and water–rock interactions under complicated circumstances is an important research hotspot in the field of hydrology and earth system sciences. In particular, both global climate change and high-intensity human activities dramatically alter the hydrological cycle and its associated processes, posing a threat to future sustainable water resource management in global and regional areas. Therefore, it is urgent that we improve our skills and methods to better understand the physical mechanisms and responses of hydrological and hydrogeochemical processes to changing environments. This requires multidisciplinary studies that involve hydrology, hydrogeology, hydrogeochemistry, ecology, environmental sciences, etc. We invite researchers to contribute original research articles and state-of-the-art reviews, including in situ and laboratory experiments; theoretical models; and numerical simulations for hydrological and hydrogeochemical processes and water–rock interactions. We look forward to receiving your contributions.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2025)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

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