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## Application of Hydrochemistry and Environmental Isotopes in Groundwater Research

Guest Editor:

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Deadline for manuscript  
submissions:

**15 January 2025**

### Message from the Guest Editor

Dear Colleagues,

In this Special Issue of *Water*, we encourage the submission of articles that describe the application of environmental isotopes combined with hydrochemical methods to explore the role of the different hydrological and hydrogeochemical processes that drive aquifer behavior in terms of groundwater chemistry and isotopic content. The scope of this Special Issue includes, but is not limited to, the following topics:

- Geochemistry and isotope hydrology
- Aquifer recharge and discharge dynamics
- Groundwater–surface water interactions
- Groundwater–seawater interactions
- Contaminant transport and fate
- Hydrothermal and geothermal systems
- High-salinity aquifer systems
- Theoretical development and modeling

I look forward to receiving your contributions.



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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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