Special Issue

Research on Isotope Geochemistry in Waters

Message from the Guest Editor

Extensive research on isotope geochemistry in waters has been carried out during the last few decades, which has facilitated the study of hydrological processes, including the origins, movement, and age of water, as well as tracing environmental changes induced by anthropogenic activities. Isotopes of light as well as heavy elements such as hydrogen, oxygen, carbon, sulfur, strontium, and boron have widely proved to provide unique signatures that can be used to understand water sources, groundwater recharge, and contamination pathways. They are also helpful for identifying and understanding processes occurring within water bodies. In this Special Issue, we aim to fill gaps in the application of isotope geochemistry in water research by welcoming original studies on developing applications in water characterization, pollution, and environmental changes, as well as modeling or empirical studies aimed at improving our mechanistic understanding of short- and long-term chemical/isotope variations in global water systems. The submission of inter- and multidisciplinary original research and review papers is also encouraged.

Guest Editor

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Deadline for manuscript submissions

closed (20 July 2025)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/225129

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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.

Editor-in-Chief

Dr. Jean-Luc PROBST
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