Special Issue

Research on Isotope Investigations in Groundwater Studies

Message from the Guest Editors

Isotope investigations play a crucial role in advancing our understanding of groundwater systems, offering valuable insights into sources, recharge processes, residence times, and contamination pathways. With the growing demand for sustainable water resource management, isotope techniques have become essential tools in hydrogeological studies, aiding the assessments of groundwater sustainability, pollution tracking, and climate change's impacts on water availability. This Special Issue invites original research and review articles that focus on the latest applications of stable and radiogenic isotopes in groundwater studies. We welcome contributions that explore isotope hydrology methodologies, case studies on groundwater tracing, interactions between surface water and groundwater, and innovative isotope-based approaches for identifying contamination sources

Guest Editors

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Deadline for manuscript submissions

31 October 2025

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/233451

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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

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