

## Special Issue

# Impacts of Human Activities and Engineering on Groundwater Hydrochemistry

### Message from the Guest Editor

This Special Issue seeks to present cutting-edge research on groundwater hydrochemistry changes under human activities, advanced analytical methodologies, and their applications in addressing global water security challenges. It focuses on key areas: deciphering solute sources and evolution pathways (e.g., rock–water interactions, redox zones, water level fluctuation zones); the impacts of human activities and engineering facilities (e.g., agriculture, mining, urbanization, energy development); and innovations in monitoring, modeling, and purification technologies.

**Keywords:** Groundwater hydrochemistry; Human activities; Water quality; Water–rock interactions; Geochemical modeling; Isotopic tracing; Deep hydrochemistry

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### Guest Editor

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### Deadline for manuscript submissions

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## Water

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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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### Editor-in-Chief

Dr. Jean-Luc PROBST

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