

Special Issue

Advanced Research in Groundwater Geochemistry

Message from the Guest Editors

The growing interest in both water and chemical cycles leads to the creation of new hydrogeochemical approaches, such as new chemical analysis methods, laboratory experiments, and models. From precipitation to groundwater, their isotopic and chemical compositions can reveal diverse physical and chemical processes (the flow path of groundwater, chemical weathering, contaminant transport, etc.). Recently, hydrogeochemical processes under diverse environmental conditions from extremely cold to hot and from humid to dry conditions have obtained the highest attention with respect to climate change. In this Special Issue dedicated to “Advanced Research in Groundwater Geochemistry”, it is our pleasure to invite the submission of original papers dealing with: Water–rock interactions for solute transport; Chemical cycles with non-traditional stable isotopes; Isotope transport models; Stable oxygen isotopes of sulfate, nitrate, and phosphate; Combined studies of model, column (batch) experiments, and in situ for the fate of solute concentration.

Guest Editors

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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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