



water

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Advanced Research in Groundwater Geochemistry

Guest Editors:

Prof. Dr. Jeonghoon Lee

Department of Science
Education (Earth Sciences) at
Ewha Womans University, Seoul,
Korea

Prof. Dr. Giehyeon Lee

Department of Earth System
Sciences, Yonsei University,
Yonsei-ro 50, Seodaemun-gu,
Seoul 03722, Republic of Korea

Deadline for manuscript
submissions:

closed (28 February 2022)

Message from the Guest Editors

Dear Colleagues,

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.



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Special Issue



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Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology
and Environment, Centre
National de la Recherche
Scientifique (CNRS), University of
Toulouse, Campus ENSAT,
Auzeville Tolosane, France

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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Contact Us

Water Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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