

Special Issue

Hydrochemical Characteristics of Groundwater

Message from the Guest Editor

Hydrochemistry is an essential part of groundwater resources and it is largely affected by various natural and anthropogenic factors including geological and hydrogeological conditions, and agricultural and industrial activities. The surrounding geology greatly influences the chemical characteristics of groundwater. With increasing groundwater use and elevating sea levels, coastal groundwater experiences a large change in chemical composition and deteriorating quality threatens sustainable use of groundwater resources. The changing climate is accompanied by frequent severe droughts or torrential rainstorms, which affect groundwater chemistry in karst aquifers. Groundwater overdraft for irrigation and the use of various chemical fertilizers distort the chemical composition of groundwater in agricultural areas. The objective of this Special Issue is to disseminate up-to-date knowledge on hydrochemical characteristics of groundwater. Field investigations, numerical modeling, and case studies are all welcome. The study areas are not limited to the areas mentioned above. For further reading, please visit the [Special Issue website](#).

Guest Editor

Prof. Jin-Yong Lee
Kangwon National University, Chuncheon, South Korea

Deadline for manuscript submissions

closed (31 December 2020)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.8



mdpi.com/si/43418

Water
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

[mdpi.com/journal/
water](https://mdpi.com/journal/water)





Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.8



[mdpi.com/journal/
water](https://mdpi.com/journal/water)



About the Journal

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

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Water Resources) / CiteScore - Q1 (Water Science and Technology)