# 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

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## Deadline for manuscript submissions

closed (31 December 2020)

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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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