

## Special Issue

# Water Security and Public Health in Small Remote Communities

### Message from the Guest Editors

Lack of access to clean and safe drinking water (i.e., water insecurity) has been a crisis in many small, remote communities (SRCs) around the globe. The 2015 Millennium Development Goal Report by the WHO and UNICEF pointed out that 663 million people in SRCs worldwide use unprotected sources of drinking water. Several challenges are responsible for the water insecurity in SRCs, such as the deterioration of source water quality, rapid climate change, aging water infrastructure, limited financial support, and lack of trained water operators. Water insecurity not only results in the need for increasing governmental investment in water infrastructure but also poses a great threat to public health. In the past few years, many efforts have been made to find effective technical solutions to improve water security in SRCs. The efforts include developing artificial-intelligence-based water quality monitoring programs, identifying contaminants of emerging concern in water, [...] For further reading, please follow the link to the Special Issue Website at: [https://www.mdpi.com/journal/water/special\\_issues/WaterHealth\\_RemoteCommunities](https://www.mdpi.com/journal/water/special_issues/WaterHealth_RemoteCommunities)

---

### Guest Editors

Dr. Guangji Hu

Prof. Dr. Jianbing Li

Prof. Dr. Rehan Sadiq

Dr. Zoe Li

Dr. Haroon R. Mian

Dr. Gyan Chhipi Shrestha

---

### Deadline for manuscript submissions

closed (30 September 2022)



## Water

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 5.8



[mdpi.com/si/109600](https://www.mdpi.com/si/109600)

*Water*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[water@mdpi.com](mailto:water@mdpi.com)

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