

Special Issue

Point-of-Use Water Treatment

Message from the Guest Editor

In developed nations, high-quality drinking water is typically provided through centralized water treatment and distribution systems. In the developing world, these systems are often unreliable, unable to meet the demand for treated water, or simply do not exist. As a result, 2–3 billion people do not receive reliable, high-quality water delivered to their households. Instead, they must collect and store household water, often in open containers without any residual disinfectant. The consequences of these deficiencies include ingestion of unsafe water. This in turn contributes to high rates of morbidity and mortality from water-related diseases. The World Health Organization has indicated that one possible solution to this problem is to decentralize water treatment so that people treat their water right before they consume it in their homes. Designing sustainable “point-of-use” water treatment technologies is a challenging problem, [...] For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/Point_Water_Treatment

Guest Editor

Prof. Dr. James A. Smith

Department of Engineering Systems and Environment, University of Virginia, Charlottesville, VA 22904-4742, USA

Deadline for manuscript submissions

closed (15 January 2021)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/34955

Water
Editorial Office
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 6.0



[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 (Aquatic Science)