



water

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Point-of-Use 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)

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, [...]

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Special Issue



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Dr. Jean-Luc PROBST

Laboratory of Functional Ecology
and Environment, Centre
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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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Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (*Water Science and Technology*)

Contact Us

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

Tel: +41 61 683 77 34
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