



water

an Open Access Journal by MDPI



Water Quality in Buildings

Guest Editors:

Dr. Patrick Gurian

Department of Civil, Architectural
and Environmental Engineering,
Drexel University, Philadelphia,
PA 19104, USA

Dr. Rajveer Singh

Department of Civil, Architectural
and Environmental Engineering,
Drexel University, Philadelphia,
PA 19104, USA

Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editors

Water quality in building plumbing can deteriorate because of many different chemical and biological processes in the bulk water, and from interaction with pipe surfaces. This situation may lead to opportunistic pathogen growth (i.e., *Legionella pneumophila*, non-tuberculous mycobacteria, etc.), metal corrosion (i.e., lead, copper, etc.), and disinfection by-product (DBP) formation (i.e., THM, HAA, etc.). The aim of this Special Issue is to bring together cutting edge research addressing these issues, and to provide a platform to synthesize the current state of the knowledge base. Submissions are invited for peer-review publication, covering all aspects of water quality in built environments, which include, but are not limited to, the following:

- Bench- or field-scale experimental, analytical, or theoretical evaluation of factors responsible for water quality deterioration in buildings and other built environments
- Exposure and risk analysis to human health in relation to water quality in built environments
- [...]

For further reading, please follow the link to the Special Issue Website at:

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

Water_Quality_Buildings



[mdpi.com/si/31839](https://www.mdpi.com/si/31839)

Special Issue



water



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology
and Environment, Centre
National de la Recherche
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.

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*)

Contact Us

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

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](https://twitter.com/Water_MDPI)