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Water Quality in Buildings

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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
- [...]

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Special Issue



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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.

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