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Intermittent Water Supply

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Deadline for manuscript
submissions:

closed (10 April 2022)

Message from the Guest Editor

Over a billion people worldwide receive drinking water intermittently, i.e., less than 24 hours a day or less than seven days a week. Water utilities adopt intermittent water supply (IWS) to reduce consumption due to water scarcity, even if the systems they manage are not designed to operate in such conditions. IWS has consequences on infrastructure integrity, customer distribution equity, water quality, and other relevant management issues involving technical, social, economic, and healthy aspects.

We are organizing a Special Issue on the intermittent supply of water distribution systems. This Special Issue aims to collect papers that deal with different problems arising in water distribution systems with intermittent water supply, such as water quality, modelling of system functioning conditions, distribution equity, effects of transients, and others. Potential topics include but are not limited to:

- Effects of transients during filling and emptying;
- Modeling of IWS;
- Improvement of functioning conditions;
- [...]

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

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

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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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