

## Special Issue

# Diagnosis and Risk Assessment of Water Engineering Systems

### Message from the Guest Editor

We are organizing a Special Issue on the diagnosis and risk assessment of water engineering systems. This Special Issue aims to collect papers that deal with different problems arising in water distribution systems, such as diagnosis and risk assessment techniques and risks related to water quality and transients. The management of water distribution and supply systems requires a continuous condition assessment activity. In normal functioning conditions, leakage and pipe failures increase customer health risks. In water scarcity conditions, improper system functioning can also lead to the impossibility of fulfilling user demands and intermittent supply, which increases the risk of reduced water quality. Hence, diagnosis and system condition assessment are strongly related to risk assessment and are fundamental management activities. Different techniques for diagnosis and risk assessment in pressurized pipe systems have been developed based on different physical principles[...] For more details, please visit:

[https://www.mdpi.com/journal/water/special\\_issues/WOUQ6EOROV](https://www.mdpi.com/journal/water/special_issues/WOUQ6EOROV)

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### Guest Editor

Dr. Marco Ferrante

Department of Civil and Environmental Engineering, University of Perugia, Perugia, Italy

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### Deadline for manuscript submissions

closed (15 November 2023)



## Water

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Impact Factor 3.0  
CiteScore 6.0



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## 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.

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### Editor-in-Chief

Dr. Jean-Luc PROBST

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#### Journal Rank:

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