

## Special Issue

# Advances in Water Distribution System: Design, Optimization and Application

### Message from the Guest Editor

Water distribution systems (WDSs) are the most essential part of the public infrastructure and face multiple challenges relating to future uncertainties in providing more sustainable and resilient service. Considering the large scale and complexity of WDSs, water behavior prediction through accurate computer modeling and analysis is essential and predicted results should be reflected in planning, design and operation. Especially, the recent optimal design of WDSs should consider system factors such as economic value, resilience in abnormal situations and robustness of supply, and environmental factors such as carbon emission and water quality simultaneously to increase user satisfaction. The goal of this Special Issue is to concentrate on water distribution systems design and application via optimization approaches or artificial intelligent techniques.

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### Guest Editor

Prof. Dr. Young Hwan Choi

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### Deadline for manuscript submissions

closed (10 September 2023)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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