

Special Issue

Advances in Water Distribution Networks: Design Optimization and Applications

Message from the Guest Editors

Water distribution networks are fundamental infrastructures that ensure the delivery of water for urban, agricultural, industrial, and environmental applications. This Special Issue aims to provide a comprehensive platform for cutting-edge research on the latest developments in water distribution networks, covering a wide range of topics related to their design, simulation, and practical applications. Potential topics of interest include, but are not limited to, the following: The design and optimization of water distribution networks; The application of turbines in water systems; Irrigation systems and their efficiency improvements; Reservoir and storage tank regulation for sustainable water management; Industrial applications of water distribution systems; The integration of computational fluid dynamic simulations in water distribution network modeling and analysis; The application of fuzzy logic and other computing techniques; Experimental studies; Energy recovery and sustainability.

Guest Editors

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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.

Editor-in-Chief

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