

Special Issue

New Approaches to Water Treatment: Challenges and Trends

Message from the Guest Editors

The objective of this Special Issue is to gain insights into the main challenges and trends related to water treatment (e.g., drinking water, rainwater, desalination, wastewater, etc.). Articles focused on the development of new technologies and digitalization in water treatment are also of interest. We welcome the submission of original research articles, both methodological and experimental, and reviews covering all issues related to the above-mentioned topic. Possible topics include (but are not limited to) the following:

- Drinking water treatment;
- Desalination;
- Rainwater purification systems;
- Wastewater treatment;
- Reclaimed water and wastewater reuse;
- Modelling and simulation;
- Digitalization;
- Water–energy nexus;
- Energy optimization,

For more information on the Special Issue, please visit [LINK](#)

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Deadline for manuscript submissions

closed (20 January 2025)



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About the Journal

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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