Special Issue

New Technologies for Water Quality: Treatment and Monitoring

Message from the Guest Editor

This Special Issue aims aims to cover all related aspects of new technologies for water quality, i.e., treatment, monitoring, their development, implementation, characterization, validation, application, etc. The growing presence of emerging contaminants that cannot be effectively removed using conventional treatment technologies and methods has created an urgent need for innovative solutions. Water quality treatment and monitoring technologies are based on advanced systems with purification and analytical capabilities that enable real-time assessment and improvement of water quality parameters, particularly for challenging contaminants such as pharmaceuticals, personal care products, microplastics, and endocrine disrupting compounds. These new technologies are being developed for many different applications to address the most critical needs in areas such as environmental protection, public health, industrial process control, and sustainable water management.

Guest Editor

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Deadline for manuscript submissions

20 August 2026

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/242857

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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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