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Novel Technologies for Pollutants Removal from Water and Wastewater

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Message from the Collection Editors

This Special Issue on "Novel Technologies for Pollutants Removal from Water and Wastewater" aims to highlight novel, effective, and sustainable technologies based on advanced physicochemical and biological processes (or on conventional process adaptations) for the removal of current and emerging pollutants from water and wastewater, including microplastics, textile dyes, surfactants, flame retardants, biocides, polar pesticides and their degradation products, PPCPs, DBPs, and proven or suspected EDCs. Potential topics of the Special Issue include but are not limited to:

- Membrane technologies for pollutant removal from water and wastewater;
- Advanced oxidation processes for water and wastewater treatment;
- Nanotechnology for water and wastewater treatment;
- Photobioreactors for wastewater treatment;
- Aerobic granular sludge for pollutant removal from wastewater;
- Removal of microcystins (MCs) from water;
- Phytoremediation of heavy metals and pesticides;
- Removal of microplastics from water and wastewater;
- Removal of textile dyes from wastewater;
- Integration of advanced treatment technologies for pollutant removal.

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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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