



Sustainable Wastewater Recovery Based on Advanced Oxidation and Biological Treatment Technologies

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Message from the Guest Editors

Different contaminants, including inorganic and organic substances, oils, heavy metals, micro- and nanoplastics, paints, and surfactants, are widely released into water bodies because of rapid industrialization and excessive water usage. These pollutants may have significant negative effects on the environment and human health. For treating various contaminants, this Special Issue considers membrane filtration, adsorption, combination technologies, and advanced oxidation processes. Additionally, extremely effective techniques based on nanotechnology are offering promising answers for the treatment of water and wastewater. To treat complex organic compounds, heavy metals, inorganic solutes, metal ions, viruses, and other pollutants found in groundwater, surface water, and/or industrial water, it is therefore highly encouraged to investigate the availability and application of diverse nanomaterials. Colleagues are encouraged to submit original research papers and reviews that discuss recent advancements in all facets of pollution detection and environmental treatment.





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Message from the Editor-in-Chief

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