

Special Issue

Innovations in Wastewater Treatment

Message from the Guest Editors

With the continuous growth of the world's population and rapid industrial and commercial developments, there has been a corresponding rise in the generation of domestic, commercial, and industrial wastewater. The pollutants in these wastewaters unquestionably pose a significant threat to the environment. Moreover, the development of new materials (nanomaterials, pharmaceuticals, PFAS, electronics, etc.) has engendered the emergence of pollutants that challenge existing and conventional wastewater treatment methods. Nevertheless, these wastewaters still serve as a resource for the production of high-value products and will play a critical role in the development of circular economies. This Special Issue aims to collate research and review papers that discuss with the following topics:

- Advances in the materials and processes associated with wastewater treatment;
- Innovations in wastewater treatment and future perspectives;
- The treatment of emerging pollutants;
- Resource recovery and bio-energy/material production in wastewater treatment operations;
- The sustainability of wastewater treatment processes.

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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.

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