

Special Issue

The Treatment and Recycling of Industrial Wastewater Under Low-Carbon Constraints

Message from the Guest Editors

In line with more stringent standards and requirements for industrial wastewater treatment, conventional water treatment processes, at the cost of high carbon emissions to reduce pollution, cannot meet the aim of sustainability. Relevant research has shown that resource recovery and waste-to-energy from industrial wastewater can be achieved through the oriented transformation and separation of pollutants, thus enabling sustainable wastewater treatment. At the same time, using new energy and sustainable products can further promote the realization of low-carbon or even zero-carbon industrial wastewater treatment. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- High-salt wastewater;
- Fine chemical wastewater;
- Refractory organic wastewater;
- Wastewater catalytic treatment;
- Wastewater reuse and recycling;
- Low-carbon water treatment theory and technology;
- Paths and methods of resource utilization.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (25 September 2024)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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