



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

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Message from the Guest Editors

Dear Colleagues,

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:

1. High-salt wastewater;
2. Fine chemical wastewater;
3. Refractory organic wastewater;
4. Wastewater catalytic treatment;
5. Wastewater reuse and recycling;
6. Low-carbon water treatment theory and technology;
7. Paths and methods of resource utilization.

We look forward to receiving your contributions.





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Message from the Editor-in-Chief

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