

Special Issue

Wastewater and Waste Treatment: Overview, Challenges and Current Trends

Message from the Guest Editors

Wastewater and waste treatment processes can play a major role in tackling both of the aforementioned problems. Apart from the technical characteristics, the environmental and economic impacts of any proposed wastewater and waste treatment process should be considered as they strongly affect their viability and adoption potential. Considering the latter, recent research efforts exhibiting innovative waste treatment methods should be framed by life cycle assessment or/and technoeconomic analysis of the proposed processes. The aim of this Special Issue is to highlight current trends and future perspectives in wastewater and waste treatment methods, including economic and environmental assessments. Topics include, but are not limited to, the following:

- novel biological, advanced oxidation, and physicochemical wastewater and waste treatment methods;
- current trends in wastewater and waste treatment systems;
- high environmental impact waste streams and treatment challenges;
- environmental and economic impact of wastewater and waste treatment methods.

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