

Special Issue

Biomass Conversion and Organic Waste Utilization in Wastewater

Message from the Guest Editors

We invite you to contribute to this Special Issue, where we will publish papers discussing new techniques and methods for biomass conversion and organic waste utilization in wastewater areas, as well as new discoveries about the mechanisms and means of controlling of this process. It is crucial to shift from end-of-pipe approaches to integrated resource recovery. The management of high-concentration organic wastewater is a significant global issue, and its mishandling will lead to substantial environmental problems. However, this type of wastewater also has considerable potential within the circular economy, as it can extract various scarce resources such as water, energy, biofuels, fertilizers, and biopolymers. It is important to note that most current research primarily focuses on improving the removal efficiency of pollutants in high-concentration organic wastewater treatment, neglecting resource recovery. Therefore, wastewater treatment should prioritize the development of technologies that not only ensure adequate treatment of high-concentration organic wastewater but also enable resource recovery throughout the treatment process.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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