

Special Issue

Sustainable Practices for Valorizing Wastewater and Organic Waste from Drink or Food Industry into Clean Energy as a Form of Sustainable Urban Pollution Control

Message from the Guest Editor

In the era of climatic change, waste management from the drink and food industry must focus on more sustainable processes due to the high water consumption levels in production and/or raw materials, leading to a high volume of waste or discharge. The valorizing of wastewater and/or organic waste from these processes through chemical routes (pyrolysis, gasification, etc.) or biological routes (dark fermentation, photofermentation, etc.) is considered as a sustainable means of controlling water or soil pollution in urban areas. However, to address this emerging and concerning issue, it is crucial to understand the different types of waste in the food sector and the current technologies available to efficiently recycle or transform these wastes into new, high-value-added products. We are pleased to invite you to contribute to this Special Issue, which aims to collect innovative research and advances in this critical field. This Special Issue seeks to highlight the transformative potential of emerging technologies and their application in wastewater or organic waste valorization, thereby promoting a circular economy and reducing environmental impact.

Guest Editor

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Editor-in-Chief

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