



Bioenergy and Bioresources Recovery in Urban/Industrial Wastewater Treatment

Guest Editor:

Prof. Dr. Andrea G. Capodaglio

Department of Civil Engineering
and Architecture, University of
Pavia, 27100 Pavia, Italy

Deadline for manuscript
submissions:

closed (18 October 2023)

Message from the Guest Editor

Wastewater from urban and industrial sources contains relevant amounts of embedded energy and resources. Their recovery can contribute to the decarbonization of wastewater treatment facilities and to the creation of virtuous wastewater-cycle-related Circular Economy patterns. Traditionally, wastewater treatment focused on environmental and public health safeguarding; however, in recent years, treatment facilities have been extensively improved to promote improved bioenergy and bioresources recovery and the reduction of greenhouse emissions, as well as to reduce their environmental footprint. New process technology, integrated by bio-refinery concepts, has the potential to completely transform the nature of wastewater treatment facilities into biofactories of recovered resources. The purpose of this Special Issue is to provide insights into advanced technologies and processes aiming at this transformation, and to illustrate state-of-the-art application examples.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (*Geography, Planning and Development*)

Contact Us

Sustainability Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)