

Special Issue

Wastewater Treatment and Waste Recovery in Environmental Processes

Message from the Guest Editors

The effective management and treatment of wastewater play a critical role in maintaining environmental sustainability. Traditional waste recycling plants are designed to remove suspended solids, eliminate contaminants and nutrients, and convert organic matter into bio-energy and biosolids. However, there is a growing need to explore innovative approaches, technologies, and strategies that can enhance the efficiency of wastewater treatment and waste recovery in the following key areas:

- Advancement in wastewater treatment technologies;
- Recovery of valuable resources (nutrients, energy, and biosolids);
- Integrated approaches for optimizing processes;
- Novel materials and processes to enhance efficiency;
- Life cycle assessment of new systems and processes;
- Techno-economic analysis of wastewater treatment processes.

Developments in these areas can advance our collective understanding and promote sustainable solutions for wastewater treatment and waste recovery, contributing to a cleaner and healthier environment.

Guest Editors

Dr. Mojtaba Hedayati Marzbali

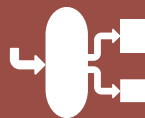
Chemical and Environmental Engineering School, RMIT University, Melbourne, VIC 3000, Australia

Prof. Dr. Kalpit Shah

Chemical and Environmental Engineering, School of Engineering, RMIT University, Melbourne, VIC 3000, Australia

Deadline for manuscript submissions

closed (21 July 2024)



Processes

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 5.7



mdpi.com/si/176678

Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)





Processes

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 5.7



[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)



About the Journal

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes*. *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto
Department of Drug Science and Technology, University of Turin, Via P.
Giuria 9, 10125 Turin, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))