

Special Issue

Waste-to-Fuel, Process, and Its Applications

Message from the Guest Editors

This Special Issue on “Waste-to-Fuel, Process, and Its Applications” intends to invite novel research that addresses challenges in the wide-ranging area of waste-to-energy technologies, integrated waste conversion approaches, biorefineries, green energy and production of renewable, and sustainable energy. Topics comprise but are not constrained to the following:

- Waste-to-energy technologies;
- Green energy production from waste products;
- Process modeling/experimentation of conversion technologies based on waste;
- Potential approaches and optimization of energy recovery from different waste resources;
- Distinct application of green fuel (such as engines, fuel cells, and so on);
- Greenhouse gas emission analysis from waste-to-energy approach;
- Circular bio-economy and life cycle analysis;
- By-product (fertilizer, metal recovery, etc.) from waste feedstock conversion.

Keywords: waste-to-fuel technologies; green energy; renewable and sustainable energy; bioenergy and fuels; waste valorization and biorefineries; integrated waste conversion approaches; bio/circular economy

Guest Editors

Prof. Dr. Wei Wu

Department of Chemical Engineering, National Cheng Kung University,
Tainan 70101, Taiwan

Prof. Dr. Karthickeyan Viswanathan

Department of Chemical Engineering, National Cheng Kung University,
Tainan 70101, Taiwan

Deadline for manuscript submissions

closed (31 December 2021)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/87841

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 2.8
CiteScore 5.5



[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* (ISSN 2227-9717). *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))