

Special Issue

Materials Recycling and Energy Use of Waste

Message from the Guest Editor

This Special Issue will focus on analyzing the technologies available for energy recovery of waste, including incineration, pyrolysis, gasification processes, and even the use of energy and materials in the cement industry. Different types of waste (municipal solid wastes, plastics, tires, and composites, among others) and the recovery of materials will be of interest in this Special Issue, paying attention also to the environmental problems derived from the processes described above, their effect on the climate, and its impact on the circular economy. In addition, it will be interesting to analyze the residual waste market and the future for WtE. Keywords

- refuse-derived fuel
- energy recovery
- material recovery
- greenhouse gas
- circular economy

Guest Editor

Prof. Dr. Felix A. Lopez

Spanish National Research Council (CSIC) – National Center for Metallurgical Research (CENIM), Madrid, Spain

Deadline for manuscript submissions

closed (31 October 2021)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/33887

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

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





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



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



About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, 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, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)