





an Open Access Journal by MDPI

# **Materials Recycling and Energy Use of Waste**

Guest Editor:

#### Prof. Dr. Felix A. Lopez

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

Deadline for manuscript submissions:

closed (31 October 2021)

# Message from the Guest Editor

Dear Colleagues,

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

Prof. Dr. Felix A. Lopez *Guest Editor* 











an Open Access Journal by MDPI

## **Editor-in-Chief**

## Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

## **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.

## **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)

### **Contact Us**