

IMPACT FACTOR 3.0



an Open Access Journal by MDPI

# Biomass and Municipal Solid Waste Thermal Conversion Technologies II

Guest Editors:

#### Dr. Xiaohan Ren

Institute of Thermal Science and Technology, Shandong University, Jinan 250061, China

### Prof. Dr. Fei Sun

School of Energy Science and Engineering, Harbin Institute of Technology, Harbin 150001, China

### Dr. Juan Chen

Shandong Key Laboratory of Energy Carbon Reduction and Resource Utilization, School of Energy and Power Engineering, Shandong University, Jinan 250061, China

Deadline for manuscript submissions:

27 November 2024

## **Message from the Guest Editors**

Climate change is among the most pressing challenges of the 21st century. Concerns about the environmental impact of greenhouse gas emissions from burning fossilbased fuels have promoted the use of renewable sources of energy. These include renewable biomass, which is readily available. Notably, during the past few decades, municipal solid waste (MSW) has been drastically increasing around the world as a result of the growing urbanization. The development of the utilization of alternative resources has raised a number of other tasks and constraints linked to the nature of renewable resources, including the treatment, processing, thermal conversion, and applied technologies, and, thus, a large number of critical views on this issue. Hence, in this research topic, different kinds of "Thermal Conversion Technologies" for biomass and MSW utilization could be discussed herein











an Open Access Journal by MDPI

## **Editor-in-Chief**

## Prof. Dr. Enrico Sciubba

Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 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**