



Agricultural Waste: Biomass as a Source of Energy

Guest Editor:

Dr. Katarzyna Januszewicz

Department of Energy
Conversion and Storage, Faculty
of Chemistry, Gdańsk University
of Technology, 80-233 Gdańsk,
Poland

Deadline for manuscript
submissions:

closed (31 January 2023)

Message from the Guest Editor

Dear Colleagues,

As a renewable energy source, biomass is processed through thermal decomposition processes such as combustion, pyrolysis and gasification. The conversion of organic matter by pyrolysis is part of the current trend of closed-cycle production for valuable and sustainable products, such as gas, solid-char, and liquid oil. Research on waste biomass has established the utility of these products in many applications, particularly activated carbon (AC), in wastewater treatment processes, adsorption of pollutants from gaseous streams, and electrochemical applications.

This Special Issue aims to collate the latest developments related to the thermal pyrolysis degradation of biomass, as well as new materials based on biochar.

We welcome submission of research and review articles as well as short communications.

