





an Open Access Journal by MDPI

Thermochemical Conversion of Solid Fuels and Wastes

Guest Editors:

Dr. Weiwei Xuan

School of Energy and Environmental Engineering, University of Science and Technology Beijing, Beijing 100083, China

Dr. Markus Reinmöller

DTU Engineering Technology, Technical University of Denmark, Lautrupvang 15, 2750 Ballerup, Denmark

Deadline for manuscript submissions:

31 October 2024

Message from the Guest Editors

This Special Issue of *Processes* on the "Thermochemical Conversion of Solid Fuels and Wastes" aims to present high-quality research studies addressing challenges in the broad area of thermochemical conversion process reactions and control. Wastes cannot replace our current dependence on coal, but they can be highly complementary. Thus, we welcome authors to submit co-conversions. such on as pyrolysis/gasification of coal and other solid waste into different chemicals, which show good prospects and studies of advanced methods and novel findings. This Special Issue aims to publish comprehensive overviews and in-depth technical research papers which address the recent progress in the thermochemical conversion of solid fuels and wastes. Research involving experimental and numerical studies, recent developments, and current state-of-the-art and emerging technologies in this field are highly encouraged.

Keywords:

pyrolysis gasification chemical conversion combustion coal, biomass solid waste simulation











an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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: JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous*))

Contact Us