



an Open Access Journal by MDPI

Biomass and Waste Treatment Based on Anaerobic Digestion

Guest Editors:

Dr. Niloofar Abdehagh

Department of Civil Engineering, University of Ottawa, Ottawa, ON, Canada

Prof. Dr. Majid Sartaj

Department of Civil Engineering, University of Ottawa, Ottawa, ON K1N 6N5, Canada

Deadline for manuscript submissions: **20 May 2024**



mdpi.com/si/190653

Message from the Guest Editors

Dear Colleagues,

In this Special Issue, we gather valuable research and activities on biomass and waste treatment based on anaerobic digestion to produce renewable energy. This Special Issue will cover processes developed to reduce GHG emissions and to produce renewable energy by converting biomass and organic wastes to biogas. We think you could make an excellent contribution based on your expertise in this field. The topics of interest for this Special Issue include (but are not restricted to):

- Anaerobic digestion feedstock pretreatment;
- Advanced anaerobic digestion processes;
- Developing high-efficiency biogas production and upgrading;
- Biomethanation;
- Digestate treatment processes;
- Nutrient recovery from anaerobic digestate;
- Anaerobic digestion process modeling.

We kindly invite you to contribute a paper to this Special Issue on "Biomass and Waste Treatment Based on Anaerobic Digestion" at *Processes*, an MDPI journal with an IF of 3.5.

We hope you find this topic interesting and look forward to collaborating with you.







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

Processes Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/processes processes@mdpi.com X@Processes_MDPI