



an Open Access Journal by MDPI

Recent Advances in Biofuels: Biorefinery toward Sustainability

Guest Editors:

Prof. Dr. Abd El-Fatah Abomohra

Department of Environmental Engineering, School of Architecture and Civil Engineering, Chengdu University, Chengdu 610106, China

Dr. Mahdy Elsayed

Department of Agricultural Engineering, Faculty of Agriculture, Cairo University, Giza 12613, Egypt

Deadline for manuscript submissions:

closed (18 October 2021)

Message from the Guest Editors

Dear Colleagues,

The scope of this Special Issue covers but is not limited to the following topics:

- 1. Sequential routes of biomass conversion for marketable biofuels
- 2. Circular bioeconomy for zero-waste/emissions
- 3. Anaerobic biorefinery
- 4. Routes of whole biomass utilization
- 5. Thermochemical conversion of biomass and derived wastes
- 6. Biofuel combined with phyto-/phyco-remediation
- 7. Energy recovery from fat, oil, and grease (FOG)
- 8. Microbial-mediated lignocellulose conversion to biodiesel
- 9. Microbial fuel cells (MFCs) for waste recycling and energy production
- 10. Waste energy recovery
- 11. Insect farming for sustainable feed and food production

Prof. Dr. Abd El-Fatah Abomohra Dr. Mahdy Elsayed *Guest Editors*









an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international Open Access journal which provides an advanced forum for research findings in areas sustainability related to and sustainable development. Sustainability publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions. **High Visibility:** indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (*Geography, Planning and Development*)

Contact Us

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