



an Open Access Journal by MDPI

Green Microbiology: Advancing Sustainability through Microbial Innovations

Guest Editors:

Dr. Helen Onyeaka

School of Chemical Engineering, University of Birmingham, Birmingham B152 TT, UK

Dr. Adenike A. Akinsemolu

Institute of Advanced Studies, University of Birmingham, Birmingham B15 2TT, UK

Dr. Taghi Miri

School of Chemical Engineering, University of Birmingham, Birmingham B152 TT, UK

Deadline for manuscript submissions: closed (22 March 2024)



mdpi.com/si/173506

Message from the Guest Editors

Dear Colleagues,

the latest This Special Issue aims to showcase innovative advancements. research findings, and applications in green microbiology, highlighting its role in advancing sustainability. By delving into the diverse range of topics within green microbiology, we can deepen our understanding of the contributions that microbes can make to sustainability and promote the integration of microbial-based solutions with various domains.

For this Special Issue, original research articles and reviews are welcomed. Research areas may include (but are not limited to) the following:

Green microbiology; Microbial biodegradation and bioremediation; Microbes as biofertilizers and plant growth promoters; Microbial technologies for waste management; Microbes in renewable energy production; Microbes and sustainable water management.

We look forward to receiving your contributions.

Dr. Helen Onyeaka Dr. Adenike A. Akinsemolu Dr. Taghi Miri 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