



Extraction and Resource Utilization of Biomass Waste

Guest Editors:

Dr. Congyu Zhang

School of Resources and Environment, Northeast Agricultural University, Harbin, China

Prof. Dr. Wei-Hsin Chen

Department of Aeronautics and Astronautics, National Cheng Kung University, No.1, University Road, Tainan City, Taiwan

Prof. Dr. Anélie Pétrissans

Faculté des Sciences et Technologies, Université de Lorraine, Nancy, France

Deadline for manuscript submissions:

closed (20 March 2024)

Message from the Guest Editors

Dear Colleagues,

The topic of biomass utilization and valorization is of great concern in exploring the current progress and future prospects for technology development to meet the growing demand. Several biomass conversion methods are commonly used and promote the progress and development of efficient biomass conversion technology, which is important for contributing to the upgrading of biomass utilization. Up to now, the application of new approaches and technologies for biomass conversion and utilization has been necessary for industrial innovation, which also requires the new technological concepts and research methods that have emerged in the academic community. Overall, this aspect is crucial for bioresource utilization technology improvement and biomass waste conversion.

Therefore, it is my pleasure to invite you to contribute your research article, communication, or review to this Special Issue dedicated to the Extraction and Resource Utilization of Biomass Waste for biomass valorization and subsequent utilization for high-value byproducts and biofuel production.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Frank L. Dorman

Department of Chemistry,
Dartmouth College, Hanover, NH
03755, USA

Message from the Editor-in-Chief

Separations offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [CAPlus / SciFinder](#), and [other databases](#).

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).

Contact Us

Separations Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/separations
separations@mdpi.com
[X@Sep_MDPI](#)