

Special Issue

Biomass Valorization and Sustainable Biorefineries

Message from the Guest Editors

We are pleased to announce a call for papers for a Special Issue entitled “Biomass Valorization and Sustainable Biorefineries”. This Special Issue provides a platform to showcase the latest advancements in biorefinery models designed for efficient biomass conversion into value-added products such as biofuels, bioenergy, biochemicals, and other biomaterials. Our goal is to explore innovative biorefinery strategies, novel biomass pretreatment methods, process optimization approaches, bio-based product development, and the diverse applications of microbial products. We invite the submission of original research articles, reviews, and case studies covering, but not limited to, the following topics:

- Tailored biorefinery processes;
- Innovative biomass pretreatment techniques;
- The microbial or thermochemical valorization of lignocellulosic biomass and agro-industrial by-products;
- Process optimization;
- Strategies for improved product recovery;
- Life cycle assessment and technical economic analysis of biomass valorization.

We look forward to your contributions to this Special Issue.

Guest Editors

Dr. Antonio Caporusso

Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), Department of Energy Technologies and Renewable Sources (TERIN), ENEA C.R. Trisaia S.S. 106 Jonica, 75026 Rotondella, MT, Italy

Prof. Dr. Seraphim Papanikolaou

Laboratory of Food Microbiology and Biotechnology, Department of Food Science and Human Nutrition, Agricultural University of Athens, 11855 Athens, Greece

Deadline for manuscript submissions

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Clean Technologies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cleantechnol@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Clean Technologies (ISSN 2571-8797) is an international, open access journal of novel scientific research on technology development aimed at reducing the environmental impact of human activities. *Clean Technologies* publishes reviews, regular research papers, communications and short notes which show a significant advance in the development of sustainable technology that reduces energy consumption, environmental pollution and/or the use of water and nonrenewable resources. Our aim is to encourage scientists to publish their experimental and theoretical research in detail as open access, serving a trustable base of advance for the scientific community.

Editor-in-Chief

Prof. Dr. Patricia Luis Alconero

Materials & Process Engineering, UCLouvain, Place Sainte Barbe 2,
1348 Louvain-la-Neuve, Belgium

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