



Sustainable (Bio)Chemical Processes for Lignocellulosic and Lipid Waste Biomass Valorization to Fuels, Chemicals and Materials

Guest Editors:

Prof. Dr. Konstantinos S. Triantafyllidis

Laboratory of Chemical and Environmental Technology,
Department of Chemistry,
Aristotle University of
Thessaloniki, GR 54124
Thessaloniki, Greece

Prof. Dr. Rafael Luque

Departamento de Química
Orgánica, Universidad de
Córdoba, Campus de Rabanales,
Edificio Marie Curie (C-3), Ctra
Nal IV-A, Km 396, Córdoba,
Spain

Dr. Carol Sze Ki Lin

School of Energy and
Environment, City University of
Hong Kong, Tat Chee Avenue,
Kowloon, Hong Kong

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editors

We invite the submission of original research papers and review articles presenting the latest achievements and trends in sustainable (bio)chemical processes for lignocellulosic and lipid biomass valorization to fuels, chemicals and materials, including the important topics of technoeconomic analysis and life-cycle assessment.

- Lignocellulosic biomass
- Lipid biomass
- Agricultural and forestry wastes
- Industrial residues and byproducts
- Food waste
- Hazardous wastes
- Biobased platform chemicals
- Biobased polymers and composites,
- Biofuels
- Biochar
- Biobased food additives
- Thermochemical and (bio)catalytic conversion
- Advanced analytical methods
- Scale-up of biomass valorization processes
- Technoeconomic analysis
- LCA
- Green chemistry and chemical technology
- Circular (bio)economy





Editor-in-Chief

Prof. Dr. Matthew Jones

Department of Chemistry,
University of Bath, Claverton
Down, Bath BA2 7AY, UK

Message from the Editor-in-Chief

There are many issues facing society, such as energy/food/water security, plastic pollution, antibiotic resistance, global warming. To solve these (and other issues), scientists and engineers need to work together to tackle these imminent dangers. The field of Green (or Sustainable) Chemistry has been transformed in the last 30 years since Paul T. Anastas and John C. Warner pioneered the now famous “12 Principles of Green Chemistry”. The journal, *Sustainable Chemistry* (published by MDPI), aims to be one of the go-to journals in the area, publishing cutting-edge research in the area more broadly. The open access model allows our work to reach a broad base of readers from all corners of the world.

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Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 29.1 days after submission; acceptance to publication is undertaken in 3.7 days (median values for papers published in this journal in the second half of 2023).

Contact Us

Sustainable Chemistry Editorial
Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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