



an Open Access Journal by MDPI

# Green Chemistry: Sustainable Organic Chemistry Synthesis and Bioenergy

Guest Editor:

#### Prof. Dr. Thiago Barcellos

Instituto de Biotecnologia, University of Caxias do Sul, Caxias do Sul 95070-560, Brazil

Deadline for manuscript submissions: closed (15 January 2024)

### Message from the Guest Editor

Dear Colleagues,

In this Special Issue, we invite you to submit original research on sustainable organic chemistry synthesis and bioenergy-related transformations. We also invite you to submit critical articles and reviews on the most innovative and impacting studies in the field of organic chemistry synthesis and bioenergy that seek to apply the Green Chemistry Principles in processes.

Indicatively, the following topics are welcomed in the contributions to the present Special Issue: sustainable and green synthesis, catalysis and biocatalysis, biotransformation, organic chemicals products by biotechnology process, sustainable energy production, clean energy, renewable biomass feedstock valorization, clean fuels, green and alternative solvents, alternative energy sources, and metal-free synthetic process.

The inclusion and discussion of the sustainability and Green Chemistry metrics for the new methodologies submitted for this Special Issue are welcome and encouraged.

I look forward to receiving your contributions.

Prof. Dr. Thiago Barcellos *Guest Editor* 





mdpi.com/si/156792





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 related to sustainability 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, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/sustainability sustainability@mdpi.com X@Sus\_MDPI