

Special Issue

Harnessing Algae for Sustainable Development: Progress in Biochemistry, Biotechnology, and Ecology

Message from the Guest Editors

This Special Issue will highlight current developments and offer information on new uses for these critical organisms. We anticipate that this Special Issue will stimulate the submission of papers on the numerous potential uses of algae in ecological management and sustainable biotechnology. Subthemes:

- Biochemistry of algae:
 - Algal pigments and their applications;
 - Algal carbohydrates as feedstock;
 - Algal lipids and their applications;
 - Algal proteins and their applications.
- Biotechnology of algae:
 - Algal bioreactor design and optimization of cultivation conditions;
 - Algal bioremediation;
 - Algal bioprocessing and downstream processing.
- Ecology of algae;
- Algal diversity and distribution;
- Algal interactions with other organisms in aquatic ecosystems;
- Algal ecophysiology and response to environmental stressors;
- Algal bloom dynamics and predictions.

We look forward to receiving your contributions.

Guest Editors

Dr. Mathias Chia

Dr. Adriana Sturion Lorenzi

Dr. Suleiman Dauda

Deadline for manuscript submissions

closed (4 November 2023)



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Impact Factor 3.3
CiteScore 7.7



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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.

Editor-in-Chief

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