Special Issue

Microalgal Bioprocess and Sustainability

Message from the Guest Editors

Microalgae are promising feedstock for fuel and biochemicals. Sustainability is an important element that needs to be considered while developing production systems aimed at providing future bioproducts. While microalgal production systems are extensively studied, it is believed that further efforts are needed in order to improve the sustainability of the bioprocess. The aim of this issue is to gather studies that could potentially contribute to the development of truly sustainable microalgal bioprocesses. We find the following research areas to be suitable for this issue that could contribute to improve the sustainability of microalgal bioprocesses:

- Improving biomass/biocomponent productivity;
- Development of biorefinery concepts;
- Better valorization of side stream products or residual wastes;
- Utilization of waste stream nutrients;
- Development of cost-effective downstream processes such as biomass harvesting, cell disruption and compound extraction.

Guest Editors

Prof. Dr. Praveen Ramasamy
Department of Science and Environment, Roskilde University, 4000 Roskilde, Denmark

Prof. Dr. Søren Laurentius Nielsen
Ocean Institute, 1201 Copenhagen, Denmark

Dr. MubarakAli Davoodbasha
School of Life Sciences, B. S. Abdur Rahman Crescent Institute of Science & Technology, Chennai, Tamilnadu 600048, India

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

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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

Prof. Dr. Marc A. Rosen
Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G 0C5, Canada

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