

Special Issue

Sustainable Processes Development in BioTechSciences

Message from the Guest Editors

The Special Issue focuses on sustainable process development in bioprocesses, biosciences, life sciences, from the lab-scale to the industrial level and biorefinery. Different area of sustainable processing like, biorefinery, alternative food processing, environmental impact of biotech processes, life cycle assessment of specific products is highly invited. A biorefinery is a facility that integrates biomass conversion processes and equipment to produce bio-products from biomass. Biorefineries will have to employ the best possible processes (for biomass cultivation, harvesting, storage and transport, pre-treatment, fermentation, and biochemical conversion) to ensure efficient bio-based production. Nevertheless, numerous technical, strategic, and commercial challenges must be overcome to reinforce importance of bio-based production. Topics of interest in this Special Issue include but are not limited to:

- production of biofuels, biochemical, biopolymers, nutraceuticals and enzymes.
- water-food nexus, reuse of by-product and innovative treatment of wastewater,
- calculation of environmental impact and life cycle assessment.

Guest Editors

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Deadline for manuscript submissions

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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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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