



Process Design and Assessment Tools for Sustainable Biorefinery

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Message from the Guest Editors

This Special Issue aims to collect innovative research on state-of-the-art technologies, novel processes, and assessment tools to support the deployment of sustainable biorefineries. We welcome the submission of articles and reviews on topics including, but not limited to:

- Valorization of biomass using green solvents.
- Design of biorefining processes for energy, fuels, and platform chemicals.
- Innovative techniques (e.g., green chemistry) for the extraction, separation and purification of bioactive compounds.
- Characterization of extracts and the identification and potential uses of bioactive compounds.
- Cascading biorefinery strategies for the integral valorization of biomass resources.
- Techno-economic and environmental analysis of bio-based production systems.





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Message from the Editor-in-Chief

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