

Special Issue

Green and Sustainable Separation of Natural Products from Plant-Derived Waste

Message from the Guest Editor

In this Special Issue, we welcome original research articles and reviews that cover, but are not limited to, the following themes: (1) innovative separation techniques—studies on novel methodologies and technologies for extracting natural products from plant-based waste, including, but not limited to, supercritical fluid extraction, microwave-assisted extraction, ultrasonic extraction, and enzymatic methods; (2) the circular economy and waste valorization—research focusing on the transformation of plant-derived waste into valuable products, contributing to waste reduction and resource recovery within the framework of a circular economy; (3) spectroscopic methods for determining the chemical potential of plant-derived waste—the application and development of spectroscopic techniques for analyzing and determining the chemical potential of waste derived from plant materials; and (4) life cycle assessment (LCA) and sustainability metrics—papers evaluating the environmental impacts associated with the separation processes, including energy consumption, carbon footprint, and overall sustainability.

Guest Editor

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Deadline for manuscript submissions

31 January 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/200570

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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.

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