



Sustainability: Recovery and Reuse of Brewing-Derived By-Products

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Message from the Guest Editors

The brewing industry generates huge amounts of by-products in the form of spent grain, spent yeast, spent hops, and unwanted material. The advantages of re-using them include the reduction of organic wastes; environmental sustainability; the production of value-added foods at low cost; the production of molecules to reuse in food, pharmaceuticals, or cosmetics; the promotion of technological development; and the opening of new competitive market opportunities.

This Special Issue of Sustainability will address topics relevant to the extraction of valuable compounds (non-starch polysaccharides, phenolic compounds, bioactive peptides, β -glucans, proteins, microfibrillated cellulose, etc.) and their application, sustainable feed and functional food production, sustainable energy systems, and sustainable agricultural practices. Articles that assess the sustainability implications (environmental, economic, and social impacts or benefits) of the implementation of such technologies and innovations are also encouraged. This Special Issue welcomes original research articles and review articles, as well as theoretical and experimental research articles.





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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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