

Special Issue

Sustainable Innovations in Food Chemistry: From Green Processing to Functional Ingredients

Message from the Guest Editors

The focal point of this Special Issue is the assessment and enhancement of sustainable methodologies and technologies for the development of innovative foods and/or ingredients that possess high nutritional values. The utilization of eco-sustainable processing techniques is imperative to ensure the preservation of the organoleptic, chemical, and nutritional quality of foods. This approach is crucial in reducing energy consumption and the use of solvents and synthetic chemical materials. Particular attention should be paid to the optimization of green cycles, such as the reuse of food by-products that can be transformed into functional ingredients or used for the extraction of bioactive molecules. The aim of this Special Issue is to provide the scientific knowledge for the development of innovative techniques that promote eco-sustainable and healthy conditions, thereby minimizing damage to food components. These innovations are imperative for the development of a more sustainable and healthier food system for consumers in an increasingly global market.

Guest Editors

Dr. Maria Teresa Liberatore
Dr. Mariacinzia Rutigliano
Dr. Flavia Dilucia

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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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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

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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