



A Sustainable Approach in Food Science and Technology Aspects

Guest Editors:

Dr. Panagiota Tsafarakidou

Department of Food Science and Technology, School of Geosciences, International Hellenic University, 54124 Thessaloniki, Greece

Dr. Ioannis Mourtzinis

Laboratory of Food Chemistry and Biochemistry, Department of Food Science and Technology, School of Agriculture, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece

Deadline for manuscript submissions:

closed (26 March 2023)

Message from the Guest Editors

The aim of this Special Issue is to highlight state-of-the-art processes and applications of sustainable solutions in the food industry. Topics include, but are not limited to, the following:

- Waste and by-product bioconversion to added-value chemicals that can be incorporated in food matrices;
- Extraction of substances using green chemistry principles;
- Development of new sustainable food production processes;
- Modeling and simulation of sustainable food production processes.

Keywords

- sustainable bioconversion
- food and circular economy
- by-products
- waste valorization
- white biotechnology
- green chemistry
- added-value products from by-products





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)