Special Issue

Innovations in Agri-Food Biotechnology for Sustainable and Secure Food Production

Message from the Guest Editors

In the past few years, the agricultural sector, particularly the food and beverage industry, have faced multiple challenges mainly because of climate change, limited natural resources, overpopulation and food insecurity. On the other hand, producing "greener" products while minimizing biowastes is a constant need. Recent biotechnological trends, however, aim to reduce environmental impact, enhance food production efficiency, and improve food security. In this context, this Special Issue will highlight the latest research advancements in agri-food biotechnology that explore sustainable practices in food production.

Guest Editors

Dr. Anastasios Nikolaou

- 1. Department of Agricultural Development, Democritus University of Thrace, 68200 Orestiada, Greece
- 2. Department of Molecular Biology & Genetics, Democritus University of Thrace, 68100 Alexandroupolis, Greece

Prof. Dr. Theodoros Varzakas

Department of Food Science and Technology, University of Peloponnese, 24100 Antikalamos, Greece

Deadline for manuscript submissions

15 February 2026



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/231241

Sustainability Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41616837734 sustainability@mdpi.com

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



About the Journal

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

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)

