

Special Issue

Biotechnology and Biochemistry of Crop Plants

Message from the Guest Editor

Crop plant biotechnology and biochemistry are important disciplines in agricultural science. Whereas in biotechnological studies, techniques for achieving specific requirements are explored using plant systems, biochemical investigations examine crop plants from the cellular to whole-plant level under both normal and adverse conditions. This Special Issue will provide a platform for researchers to share their experiences and facilitate further discussion to promote research and applications based on biotechnological and biochemical knowledge for crop improvement. This Special Issue invites original research papers, reviews, and short communications on the following areas, as well as related topics:

- Biochemical process;
- Photosynthesis;
- Growth hormones;
- Enzymes;
- Biotechnological studies;
- Genetic engineering;
- Transgenic crop plants;
- Micropropagation;
- Stress, signaling and defense responses;
- Biosynthesis and regulation of specialized metabolites.

Guest Editor

Prof. Dr. Azamal Husen
School of Public Health, Wolaita Sodo University, Wolaita, Ethiopia

Deadline for manuscript submissions

closed (31 March 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/158153

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



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)