

## Special Issue

# Studies on Green Agriculture for Sustainable Development: Cultivation Methodologies, Techniques and Improving New Varieties

### Message from the Guest Editors

As it is known, agriculture production is similar to a factory working in atmospheric conditions. As a result, to adapt to the changing climatic conditions in terms of agriculture, it is necessary to breed new varieties that are highly tolerant to biotic and abiotic stress factors; to use new approaches and models that will adapt to possible changes in irrigation, fertilization systems and land plant use; to develop new perspectives on the fight against diseases, pests and weeds and the necessary infrastructure and research activities in these areas; and to increase financial support and national and international cooperation on these issues. Thus, realizing sustainable development has become a global priority in particular for agriculture. This Special Issue on “Green Agriculture for Sustainable Development: Cultivation Methodologies, Techniques and Improving New Varieties” will be a collection of primary research articles reporting hypothesis-driven investigations that provide new insights into sustainable agriculture and that determine productivity and properties for more exploitation.

### Guest Editors

Prof. Dr. Nesibe Ebru Kafkas

Department of Horticulture, Faculty of Agriculture, University of Çukurova, Balcali, Adana 01330, Turkey

Dr. Franco Capocasa

Agricultural, Food and Environmental Sciences, Università Politecnica delle Marche, via Brecce Bianche 10, 60131 Ancona, Italy

### Deadline for manuscript submissions

closed (31 January 2024)



Sustainability

an Open Access Journal  
by MDPI

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/163424](https://mdpi.com/si/163424)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto: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)