

## Special Issue

# Efficient Use of Irrigation and Fertilizer to Increase Crop Yield

### Message from the Guest Editor

In order to maximize output and simultaneously safeguard the environment, it is important to promote research and communicate the findings in the area of crop selection for each appropriate region, combining the efficient use of irrigation and fertilization. This Special Issue provides an assessment of more effective techniques of irrigation, fertilizer, and/or crop variety (or even novel crops previously seen in nature) to enhance performance while protecting the environment. Studies that will be proposed in this Special Issue include new crop varieties, more effective irrigation and fertilization practices, and new types of fertilizers. Numerous types of crops will be covered in research publications, such as cereals, legumes, industrial plants, vegetables, aromatic-medicinal plants, as well as field crops from different managed ecosystems. Original research, viewpoints, and reviews are all welcome types of articles.

---

### Guest Editor

Dr. Kyriakos Giannoulis

Laboratory of Agronomy and Applied Crop Physiology, Department of Agriculture Crop Production and Rural Environment, University of Thessaly, 38446 N. Ionia, Magnissia, Greece

---

### Deadline for manuscript submissions

closed (15 December 2023)



## Agriculture

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 4.9



[mdpi.com/si/147639](https://mdpi.com/si/147639)

*Agriculture*

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

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





# Agriculture

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 4.9



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



## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

---

### Editor-in-Chief

Prof. Dr. Les Copeland  
Sydney Institute of Agriculture, School of Life and Environmental  
Sciences, The University of Sydney, Sydney, NSW 2006, Australia

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, RePEc, and other databases.

#### Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)