

## Special Issue

# Weed Ecology and New Approaches for Management

### Message from the Guest Editors

Satisfying consumer needs through the production of healthy and nutritious agricultural products is a substantial challenge facing modern agriculture. Agricultural production should be carried out with care for plant health, biological safety of products, and environmental safety while minimizing the risks to human health. Ecosystems have altered as a result of human activities and climate change, resulting in the reduction of biodiversity and creation of new niches where pests can thrive. This is of particular importance in 2020, as the United Nations General Assembly declared this year as the International Year of Plant Health (IYPH), with “protecting plants, protecting life” as a leading subject. The Special Issue will promote the subject of plant health and emphasize the importance of preventing the spread of pests, including weeds, which cause substantial economic losses. Research articles will cover topics related to the biology and harmfulness of weeds, particularly in connection with crop health, segetal weed communities and their biodiversity, and integrated methods of weed control. We welcome all types of articles, including original research and reviews.

### Guest Editors

Prof. Dr. Anna Kocira

The University College of Applied Sciences in Chełm, Poczta 54, 22-100 Chełm, Poland

Prof. Dr. Mariola Staniak

Department of Crop Production and Yield Quality, Institute of Soil Science and Plant Cultivation-State Research Institute, Puławy, Poland

### Deadline for manuscript submissions

closed (30 October 2020)



## Agriculture

an Open Access Journal  
by MDPI

Impact Factor 3.6  
CiteScore 6.3



[mdpi.com/si/44005](https://mdpi.com/si/44005)

*Agriculture*  
Editorial Office  
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 3.6  
CiteScore 6.3



[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, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

---

### 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)