

Special Issue

Development and Implementation of Integrated Pest Management (IPM) Methods for Irrigated Crops

Message from the Guest Editor

Integrated Pest Management (IPM) plays a pivotal role in sustainable agriculture, particularly in the cultivation of irrigated crops. This Special Issue aims to gather innovative research and advancements in the development and implementation of IPM strategies tailored specifically to irrigation-based agricultural systems. It seeks to address the growing challenges posed by pests and diseases in such environments. We invite contributions that cover various aspects of IPM, including novel pest control methods, ecological approaches, technological innovations, and interdisciplinary studies. The topics of interest include, but are not limited to, the following: Novel pest and disease management techniques in irrigation agriculture; Biocontrol agents and their applications in integrated pest management; Sustainable approaches for minimizing pesticide usage and environmental impact; Precision agriculture and technology-driven pest management solutions; Economic and social implications of implementing IPM in irrigation crop production; Case studies, reviews, and experimental findings advancing IPM practices.

Guest Editor

Dr. Mahyar Mirmajlessi

Department of Plants and Crops, Valentin Vaerwyckweg 1, Faculty of Bioscience Engineering, Ghent University, 9000 Ghent, Belgium

Deadline for manuscript submissions

closed (31 July 2025)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/193955

Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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)