

Special Issue

Sustainable Pest Management under Climate Change

Message from the Guest Editors

Given the escalating impacts of climate change and shifts in global biodiversity, effective management of major pests is critical for preserving ecosystem health and ensuring agricultural productivity. This Special Issue, "Sustainable Pest Management Under Climate Change", highlights state-of-the-art research on innovative monitoring and sustainable management techniques for significant pest challenges. This issue aims to provide a platform for sharing cutting-edge insights into the persistent challenges of pest management, fostering the development of integrated, sustainable strategies that are both environmentally sound and economically viable. We welcome submissions of original research articles and comprehensive reviews that detail technological advancements such as suitable area analysis, migration dynamic prediction, remote sensing, GIS, advanced biological control, and newly emerged pest control methods. Contributions may also delve into the socio-economic ramifications of pest management strategies, focusing on their sustainability and the protection of biodiversity and ecosystem services.

Guest Editors

Dr. Xiongbing Tu

1. State Key Laboratory for Biology of Plant Diseases and Insect Pests, Institute of Plant Protection, Chinese Academy of Agricultural Sciences, No. 2 Yuanmingyuan West Road, Haidian District, Beijing, China
2. Scientific Observing and Experimental Station of Pests in Xilingol Rangeland, Ministry of Agriculture and Rural Affairs, Beijing, China

Dr. Shiqian Feng

State Key Laboratory of Plant Diseases and Insect Pests, Institute of Plant Protection, Chinese Academy of Agricultural Science, Beijing 100193, China

Deadline for manuscript submissions

31 October 2025



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/208632

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

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





Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



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



About the Journal

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

Agronomy is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, 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, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)