



## Envisioning the Future of Conservation Biological Control in Crop Protection

Guest Editor:

**Prof. Dr. Wang-Peng Shi**

Department of Entomology,  
College of Plant Protection,  
China Agricultural University,  
Beijing 100083, China

Deadline for manuscript  
submissions:

**closed (30 May 2023)**

### Message from the Guest Editor

Dear Colleagues,

Broad-spectrum chemical pesticides are often toxic to nontarget beneficial and endangered species, to wildlife, and to humans. Many chemical pesticides are no longer available due to their side-effects and registration revocations. Biological control, particularly conservation biological control, can be an extremely important alternative to widespread pesticide use as well as a significant component of sustainable agriculture. The main scope includes the innovative tactics and approaches to manipulating the environment of natural enemies so as to enhance their survival and/or physiological and behavioral performance, resulting in enhanced effectiveness against arthropods, plant pathogens, nematodes, and weeds. Theory and technology of pest control by manipulating environmental conditions to improve genetic diversity, species diversity and ecosystem diversity to enhance natural enemy performance. We welcome papers describing the tactics and approaches for the conservation of biological control species effective against arthropods, plant pathogens, nematodes, and weeds.

Prof. Dr. Wang-Peng Shi  
*Guest Editor*





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,  
Water and Environment  
Research, Charles Sturt  
University, Wagga Wagga, NSW  
2678, Australia

## 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.

## 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), GEOBASE, PubAg, AGRIS, and other databases.

**Journal Rank:** JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)

## Contact Us

---

*Agronomy* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/agronomy  
agronomy@mdpi.com  
X@Agronomy\_Mdpi