

Special Issue

Allelopathic Interactions between Crop Plants

Message from the Guest Editor

Many crops and crop cultivars show allelopathic properties, such as wheat, barley, rice, rye, buckwheat, pea, velvetbean, fava bean, etc. The use of cover crops with allelopathic activities also results in less weed and soil erosion and lessens the need for nitrogen fertilizers. Promotive effects by crops to other plants are also attractive topics. Companion planting related to allelopathy could be useful for organic farming. The allelopathic effect of microorganisms living with crops is another important aspect in farming systems. In this Special Issue, we aim to exchange knowledge on any aspect related to allelopathic interaction between plants, plant to weed, plant to insects, plant to microorganisms, and plant to animals. Papers on organic farming, sustainable agriculture, and stable food production are also welcome.

Guest Editor

Prof. Dr. Yoshiharu Fujii

Department of International and Innovative Agriculture Science, Tokyo University of Agriculture and Technology, 3-5-8 Saiwai-cho, Fuchu, Tokyo 183-8538, Japan

Deadline for manuscript submissions

closed (30 April 2023)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/130107

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)