Special Issue

Advances in Modelling Cropping Systems to Improve Yield and Quality

Message from the Guest Editor

This Special Issue aims at updating and refreshing the developments, improvements, and applications in modelling cropping system, confronting the emerging challenges in crop production industry. We invite you to share your achievements on but not limited to the following topics: (1) quantifying crop eco-physiological processes; (2) crop model development, improvement, comparison, and adaptation; (3) modelling genotype × environment × management interactions in cropping system; (4) crop model integration with spatial data and other information technology; (5) crop model application to agricultural resource management and climate change; (6) modelling mixed cropping, crop rotations, perennial crops, etc.

Guest Editor

Dr. Qi Jing

Ottawa Research and Development Centre, Agriculture and Agri-Food Canada, Ottawa, ON K1A 0C6, Canada

Deadline for manuscript submissions

closed (15 July 2022)



an Open Access Journal by MDPI

Impact Factor 3.4 CiteScore 6.7



mdpi.com/si/79381

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

mdpi.com/journal/agronomy





an Open Access Journal by MDPI

Impact Factor 3.4 CiteScore 6.7



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)

