Special Issue

Challenges of Climate Change for Plant–Soil–Water Interactions

Message from the Guest Editor

The effects of climate change on agriculture have caused global concerns, while very few solutions have been discussed to address this catastrophic threat. Climate change increases the odds of drought and extreme rainfall in many parts of the world, which markedly limit agriculture production. In response to global climate change, adaptive agronomic practices including cultivation, fertilization and irrigation ensure crops can adapt to changes in the environment. Crop performance and soil health are largely determined by the interactions between plant roots, soil and water. Therefore, in order to develop and improve agronomic practices for sustaining crop yields, it is important to substantially understand the interactions between plants, soil and water.

Guest Editor

Dr. Yang Gao

Institute of Farmland Irrigation, Chinese Academy of Agricultural Sciences, Xinxiang 453002, China

Deadline for manuscript submissions

closed (31 May 2022)

Agronomy

an Open Access Journal by MDPI

Impact Factor 3.4
CiteScore 6.7

mdpi.com/si/99553

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

mdpi.com/journal/agronomy

Agronomy

an Open Access Journal by MDPI

Impact Factor 3.4
CiteScore 6.7

mdpi.com/journal/agronomy

MDPI

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)