# **Special Issue**

## Chemical Regulation and Mechanized Cultivation Technology of Cotton

#### Message from the Guest Editors

Complete mechanized cultivation of cotton is of great interest in China at present due to the labor force shortage. Chemical regulation has the potential to guarantee and improve this process by shaping the plant type and canopy structure to achieve efficient agricultural management and using chemical topping to replace manual topping and defoliation and boll opening for machine harvesting. However, there is a gap between the techniques required for mechanized cultivation and the techniques currently available. The aim of this Special Issue is to narrow this gap. Peerreviewed manuscripts appropriate for publication in this issue include original papers and short communication focusing on practices and measures regarding planting pattern, population, irrigation, fertilization, and utilization of plant growth regulators, all of which should be helpful for mechanical management, but not at the expense of yield and fiber quality. Literature reviews and metaanalyses related to chemical regulation and mechanized cultivation technology of cotton will also be considered.

#### **Guest Editors**

Prof. Dr. Xiaoli Tian College of Agronomy and Biotechnology, China Agricultural University, Beijing, China

Dr. Mingwei Du College of Agronomy and Biotechnology, China Agricultural University, Beijing, China

## Deadline for manuscript submissions

closed (31 October 2023)



## Agronomy

an Open Access Journal by MDPI

Impact Factor 3.4 CiteScore 6.7



mdpi.com/si/135324

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



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)