

Special Issue

Water-Carbon Processes and Management in Agronomic and Agroforestry Systems

Message from the Guest Editors

This Special Issue focuses on the critical dynamics of water-carbon processes and their management within agronomic and agroforestry systems. It aims to advance our understanding of how water and carbon interactions can be optimized to enhance ecosystem functionality and resilience. This edition invites contributions that explore innovative management strategies and modeling approaches that address the challenges of sustaining water and carbon resources in agricultural and forestry landscapes. We seek original research, reviews, and case studies that detail effective practices and technologies for monitoring, regulating, and enhancing water-carbon coupling in these systems. Contributions should also provide insights into the implications of these processes for climate change mitigation and adaptation in agricultural practices and agroforestry management.

Guest Editors

Dr. Tianjiao Feng

School of Soil and Water Conservation, Beijing Forestry University, Beijing 100091, China

Dr. Xiaoqing Cui

School of Grassland Science, Beijing Forestry University, Beijing 100091, China

Deadline for manuscript submissions

31 August 2025



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/222546

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)