



Sustainable Management and Tillage Practice in Agriculture

Guest Editors:

Dr. Xing Wang

College of Agronomy, Northwest
A&F University, Yangling 712100,
China

Dr. Jian-Ying Qi

College of Agriculture, South
China Agricultural University,
Guangzhou 510642, China

Dr. Zheng-Rong Kan

College of Agriculture, Nanjing
Agricultural University, Nanjing
210095, China

Deadline for manuscript
submissions:

closed (30 June 2024)

Message from the Guest Editors

In the modern era, concerns about environmental degradation, climate change, and food security have led to a renewed focus on sustainable management and tillage practices in agriculture.

This Special Issue will focus on research and advancements in practices and technologies that promote sustainable agriculture and improve soil health through effective agriculture management.

We encourage prospective authors to submit related distinguished research or review manuscripts focused on (but not limited to) the following topics:

1. Soil health and crop productivity.
2. Reduction in soil erosion and compaction.
3. Agro-ecosystem sustainability strategy.
4. Optimization and sustainability assessment of regional agricultural production patterns.
5. The role of precision agriculture and other technologies in optimizing tillage practices.
6. Case studies of successful sustainable tillage management in different agricultural systems.
7. The economic and environmental benefits of sustainable agriculture management.
8. Management and efficient utilization of soil nutrients in farmland.
9. Carbon sequestration and emission reduction.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,
Water and Environment
Research, Charles Sturt
University, Wagga Wagga, NSW
2678, Australia

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.

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 (Plant Sciences) / CiteScore - Q1 (Agronomy and Crop Science)

Contact Us

Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agronomy
agronomy@mdpi.com
X@Agronomy_Mdpi