



## Intensive Crop Production: Synergic Mitigation of Pollutants and Carbon Emission

Guest Editors:

**Prof. Dr. Xiaobo Qin**

Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Sciences, Beijing 100081, China

**Prof. Dr. Sheng Zhou**

Shanghai Academy of Agricultural Sciences, Shanghai, China

Deadline for manuscript submissions:

**closed (31 December 2023)**

### Message from the Guest Editors

[\*] Background and history of this topic: The high-quality development of modern agriculture is the cornerstone China's food security and the primary task of national economic development. Low-carbon green intensive production is a prominent feature of modern agriculture. In the context of the national dual-carbon strategy and global climate change, how to efficiently use agricultural resources and achieve synergy in pollutants and carbon reduction is a major challenge.

[\*] Aim and scope of the Special Issue: It is essential to explore the pathway for achieving intensive agricultural production, as well as boosting productivity, reducing nutrient and GHG losses, improving biodiversity and soil health, controlling agricultural pollution.

[\*] Cutting-edge research: Modern agronomy, meteorology, climate change, molecular biology, environmental science.

[\*] What kind of papers we are soliciting: This Special Issue welcomes theoretical discussions, innovative methods, applied case studies, review articles, and policy papers that connect carbon neutrality and agricultural management or pollution control.





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