



Management and Migration of Pollutants for Agroecosystem Green Development

Guest Editors:

Prof. Dr. Junya Zhang

Research Center for Eco-
Environmental Sciences, Chinese
Academy of Sciences, Beijing
100085, China

Prof. Dr. Kai Chen

School of Economics and
Management, Beijing Forestry
University, Beijing 100083, China

Deadline for manuscript
submissions:

closed (25 April 2025)

Message from the Guest Editors

Dear Colleagues,

Livestock fertilizers, pesticides, agricultural films, and their packaging are indispensable materials in agricultural production. However, the excessive use and improper disposal of these materials are a "double-edged sword." While promoting increased crop yields, they bring about serious ecological problems, such as declining soil quality, soil structure compaction, groundwater pollution, spread of antimicrobial resistance genes and a sharp decrease in biodiversity. Sustainable agriculture is an effective way to address these issues, not only conserving agricultural resources, ensuring product safety, and maintaining human health but also playing a crucial role in promoting agricultural green transformation and seeking high-quality development. This special issue aims to reflect new situations and issues in the practice of agricultural green development through scientific research, providing detailed and reliable evidence for agricultural policy formulation and institutional innovation. We welcome high-quality original research papers, perspectives or review papers.

Dr. Junya Zhang
Prof. Dr. Kai Chen
Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
School of Life and Environmental
Sciences, The University of
Sydney, Sydney, NSW 2006,
Australia

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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), GEOBASE, PubAg, AGRIS, RePEc, and other databases.

Journal Rank: JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)

Contact Us

Agriculture Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/agriculture
agriculture@mdpi.com
X@AgricultureMdpi