

Special Issue

Application of Blockchain Technology in Agricultural Product Supply Chains

Message from the Guest Editors

This Special Issue aims to explore the role and emerging applications of blockchain throughout the entire agricultural value chain. The goal is to collect scientific contributions that analyse, from multidisciplinary perspectives, the effects, challenges, and opportunities associated with the adoption of this technology in real-world contexts. In recent years, blockchain technology has attracted growing interest in the agri-food sector, thanks to its potential to transform agricultural supply chains in terms of transparency, traceability, and trust between the actors involved. Originally developed to support cryptocurrencies, blockchain is now considered a strategic lever for radically improving food safety, reducing fraud, and enhancing sustainability in agri-food systems, with a particular focus on high-quality systems that want to communicate their value in a more transparent manner. Contributions presenting innovative approaches, empirical results, and critical reflections on the transformative potential of blockchain in agri-food supply chains are particularly welcome.

Guest Editors

Dr. Alessandro Petrontino
Dr. Giulio Paolo Agnusdei
Prof. Dr. Deborah Bentivoglio

Deadline for manuscript submissions

31 January 2026



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/249947

Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriculture@mdpi.com

[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)





Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)



About the Journal

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.

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

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, RePEc, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)