

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

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