

## Special Issue

# AI-Enabled Food Supply Chain Management: Advancing Efficiency, Resilience, and Sustainability

### Message from the Guest Editors

Global food supply chains are under intensifying pressure from climate variability, market volatility, quality and safety requirements, and sustainability targets.

Advances in AI, including machine learning, optimization, simulation, and decision support, have provided powerful tools for improving forecasting accuracy, optimizing operations, reducing environmental impacts, and strengthening resilience against disruptions. This Special Issue invites the submission of original research, case studies, reviews, short communications, and perspectives that demonstrate how AI can transform food supply chain management. While bananas are one of our main focuses due to their global importance, perishability, and complex logistics, submissions on other commodities and cross-commodity methods are welcome. We especially encourage contributions that connect rigorous methodology with measurable real-world impact across efficiency, resilience, and sustainability. We look forward to receiving your contributions.

Dr. Raden Dikky Indrawan

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### Guest Editors

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### Deadline for manuscript submissions

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Sustainability

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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## Editor-in-Chief

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