



an Open Access Journal by MDPI

AI and Precision Agriculture

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Message from the Editor-in-Chief

I am pleased to introduce the new MDPI open access journal *AI and Precision Agriculture* (ISSN 3043-1204). The journal publishes high-quality research, reviews, and short communications on artificial intelligence (AI) applications in precision agriculture (PA).

We invite researchers to submit original manuscripts on the cutting-edge innovations of AI, machine learning, robotics, IoT, and big data analytics for supporting agricultural management and decision-making. Key areas include AI-driven agricultural systems, sensing and monitoring technologies, precision farm management, autonomous systems, and sustainability-related issues such as ethical AI and data governance. In addition, the journal places particular emphasis on system modelling approaches, as they are an important component of AI-enabled precision agriculture.

AI and Precision Agriculture also welcomes Special Issue proposals from academics and industry researchers. Our goal is to foster global collaboration among scientists and engineers to advance AI-driven agriculture.

We look forward to receiving your contributions and welcome your feedback on how to improve the journal.

Aims

AI and Precision Agriculture is an international open access journal on Artificial Intelligence (AI) applications in Precision Agriculture (PA). We will publish comprehensive reviews, research articles, and short communications on novel findings. Our aim is to provide a platform for scientists, engineers, agronomists, and other related researchers to publish cutting-edge research, innovations and applications, using artificial intelligence, machine learning (ML), robotics, the Internet of Things and big data analysis to integrate management strategies and support management decisions, thereby improving agricultural productivity, resource utilization efficiency, quality, profitability and achieving sustainability in agricultural production.

Editor-in-Chief

Dr. De Li Liu

Scope

The journal covers interdisciplinary research at the nexus of AI, data science, sensing technologies, robotics, and agronomic science. To demonstrate the transformative potential of AI-driven solutions in modern agricultural practices. Key areas include:

- Core AI Technologies
- Precision Agriculture Applications
- Enabling Technologies
- Sustainability And
Socio-Economic Impact

Author Benefits

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First decisions in 18 days; acceptance to publication in 7 days (median values for MDPI journals in the first half of 2026)

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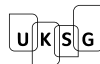
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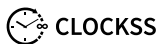
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