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Precision Agriculture with Deep and Machine Learning

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Message from the Guest Editors

Dear Colleagues,

As a method of farm management, precision agriculture (PA) uses information technology (IT) to precisely provide plants and soil with their needs for optimum growth and yield. Profitability, sustainability, and environmental safety are the aims of PA. Precision agriculture heavily depends on specialized hardware, software, and IT services. Moreover, digital technology has boosted the industrialization of agriculture. Mechanization has ushered in Agriculture 4.0, where intensive agriculture now represents a major contributor to production efficiency. This includes GPS, Big Data, IoT, cloud computing, and image feature extraction.

This Special Issue gathers research and review articles on recent breakthroughs, technologies, solutions, applications, and emerging challenges in precision agriculture.



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Special Issue



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Message from the Editor-in-Chief

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