Special Issue

Emerging Technologies for Precision Agriculture, 2nd Edition

Message from the Guest Editor

Currently, environmental pollution caused by food production is increasing more rapidly than the formulation of answers by science. The two fundamental tasks are: 1. To meet sustainability criteria within the production units, 2. Continuously expand the technical-information systems (IoT, WSN, drone monitoring) to enhance the synergy of natural and agricultural areas. The two major areas of sensor development are outstanding: 1. Lab2Field; 2. Chip less. The latter are significant for frozen foods. All the above contribute to Hands Free Hectar (Harper Adams University, UK), unmanned cultivation technology, which can reduce environmental pollution without significantly affecting yields. On the other hand, there is a growing demand for reducing soil compaction. Seeder robots operating in rows, small smart data-gathering robots that can also perform actuator tasks, such as sampling and causing minor soil compaction, contribute to the per plant, ultra-precise platform. Final motto: “The mind was not given to man to rule over nature, but to learn to follow it and to obey it.” József Eötvös Hungarian

Guest Editor

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Deadline for manuscript submissions

30 August 2026

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/262826

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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