

Special Issue

Smart and Precision Agriculture

Message from the Guest Editors

Modern agriculture is facing a significant structural change. The steady development of IoT (Internet of Things) technologies in agricultural engineering, the wide application of mechanization and automation technology in agricultural production, and the continuous enhancement of information processing and fusion technology are leading to a new era in the field of smart and precision agriculture. On the other hand, with the increasingly prominent problems of land resources, population, and environment, how to make the agricultural production process efficient, precise, intelligent, and environmentally friendly has become an urgent problem to be solved in today's agriculture. To solve the above problem, this Special Issue "Smart and Precision Agriculture" will focus on potential means, such as IoT technologies, agricultural robotics, crop model, expert system, etc. In particular, the topics of interest include, but are not limited to:

- Agricultural robotics and intelligence system;
- Agricultural sensor and sensing technology;
- Crop model and yield estimation;
- Precision fertilization technology;
- Agricultural traceability system;
- Smart breeding.

Guest Editors

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Editor-in-Chief

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