Special Issue

Precision Operation Technology and Intelligent Equipment in Farmland—2nd Edition

Message from the Guest Editors

The use of precision operation technology and intelligent equipment in fields is the frontier of modern agricultural technology development, as the implementation of this equipment has led to the conception of adjusting measures to local conditions, the intelligent management of crop production. In recent years, experts have conducted much research on the interaction mechanism of crops, soil, and other environmental factors, which has caused the rapid acquisition of information, and a precise control model of crop production and intelligent equipment has been developed that uses modern information and intelligent control technology. These remarkable achievements have played an important role in updating traditional agriculture and developing modern agriculture. This Special Issue welcomes papers that present research on the use of precision operation technology and intelligent equipment in fields:

- Agricultural sensing mechanisms and new sensors;
- Machine–soil–crop interaction mechanisms;
- Crop production control models;
- New agricultural equipment and field robots;
- Intelligent control of agricultural machinery;
- Unmanned operations.

Guest Editors

Prof. Dr. Jun Ni
Dr. Lei Feng
Dr. Lvhua Han

Deadline for manuscript submissions

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Agronomy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

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Editor-in-Chief

Prof. Dr. Leslie A. Weston
Gulbali Centre for Agriculture, Water and Environment Research, Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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