



Research and Development in Agricultural Robotics for Field Operations

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Message from the Guest Editor

Dear Colleagues,

Sustainable Agricultural developments require more new technologies to improve the efficiency and robustness of food production and meet the challenge of environmental changing. There are many researchers have focused on using robotics technologies to provide efficient solutions for improving productivity of major crops as well as reducing the utilization of chemical fertilizers and pesticides. The introduction of robotics and autonomous technology to agriculture requires comprehensive studies of various aspects, including remote sensing, yield production measurement, soil quality analysis, sensors technologies for measuring the field environment and monitoring the crop health, robot's positioning system, and robot control theories.

In this Special Issue, we aim to collect the works done by the top class of researchers, engineers all over the world to exchange knowledge on any aspect related to smart agriculture, agricultural robotics, autonomous vehicles, AI and sensors technologies for agriculture to improve agriculture working efficiency and crop production.





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Message from the Editor-in-Chief

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