

Special Issue

'Eyes', 'Brain', 'Feet' and 'Hands' of Efficient Harvesting Machinery

Message from the Guest Editors

This Special Issue focuses on precise identification and positioning systems (“eyes”), sensitive decision-making and control systems (“brain”), highly adaptable chassis and mobile platforms (“feet”), efficient end-effectors and harvesting components (“hands”), etc., that are related to efficient harvesting machinery. Outstanding articles will be selected to showcase the latest ideas and to provide key technological references for research on efficient harvesting machinery. Potential topics include but are not limited to the following: Crop–soil–machine systems;

Mechanics and dynamics of harvesting machinery;

Chassis of harvesting machinery;

Efficient harvesting components;

Field environment sensing and recognition;

Navigation and positioning systems of harvesting machinery;

Multi-source information fusion, analysis, and decision making in harvesting operations;

Cooperative harvesting operations of multiple machines in the field;

Unmanned harvesters.

Guest Editors

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Deadline for manuscript submissions

closed (25 March 2023)



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About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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