Special Issue

Soil-Machine Systems and Related Farming Machinery

Message from the Guest Editors

Since the beginning of mechanization, various kinds of agricultural machinery related to soil preparation, sowing, harvesting, post-harvesting, etc., have been developed. Agricultural machinery, unlike other industrial machinery, targets living organisms and operates on soil; hence, it should be designed in consideration of its interaction with soil. It is possible to optimally design agricultural machinery by understanding both the characteristics of the soil concerned and the characteristics of the mechanical system. This Special Issue is a natural continuation of our previous Special Issue, "Soil Mechanical Systems and Related Farming Machinery", and will focus on research regarding soil-machine systems in agriculture, including design, analysis, experimentation, etc. In addition to soil-related research, agricultural machineryand automation-related research is also of interest. This also includes off-road environments as well as greenhouse or smart farm applications. Both original research articles and comprehensive reviews are welcome

Guest Editors

Dr. Ju-Seok Nam

Dr. Yongjin Cho

Dr. Yeon-Soo Kim

Deadline for manuscript submissions

closed (25 November 2024)



Agriculture

an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 6.3



mdpi.com/si/189638

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

mdpi.com/journal/agriculture





Agriculture

an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 6.3



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.

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, RePEc, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)

