





an Open Access Journal by MDPI

Design and Control of Agricultural Robots

Guest Editor:

Dr. Weixin Zhai

Key Laboratory of Agricultural Machinery Monitoring and Big Data Applications, Ministry of Agriculture and Rural Affairs, Beijing 100083, China

Deadline for manuscript submissions:

31 October 2024

Message from the Guest Editor

Dear Colleagues,

The Special Issue "Design and Control of Agricultural Robots" explores the field of robotics in agriculture, focusing on the design and control aspects of agricultural robots. It will delve into the various components involved in the design and control of agricultural robots, including hardware, sensing technologies, navigation systems. intelligent control algorithms, geographical information science, and agricultural applications of artificial intelligence and computational intelligence. It will highlight the potential benefits of deploying agricultural robots, such as increased efficiency, precision, and sustainability in farming operations. We encourage scholars to share their research aiming at the development of advanced robotic systems that can enhance agricultural practices and address challenges faced by modern agriculture.

Dr. Weixin Zhai Guest Editor









CITESCORE 3.0

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso

CISE—Electromechatronic Systems Research Centre, University of Beira Interior, Calçada Fonte do Lameiro, P-6201-001 Covilhã, Portugal

Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.

Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.

There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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), Inspec, and other databases.

Journal Rank: JCR - Q2 (Engineering, Mechanical) / CiteScore - Q2 (Control and Optimization)

Contact Us