

Special Issue

Intelligent Robots for Agriculture: Design, Development and Applications

Message from the Guest Editors

With the emergence of automation and robotics technology, the agricultural industry has undergone significant transformations, taking solid steps towards precision agriculture, achieving high resource utilization efficiency, and sustainable production techniques. The Special Issue will delve into the growing significance of intelligent robots in agriculture, covering the customization, development, and implementation of robotic systems for diverse agricultural activities. It will offer thorough insight into the potential influence of robotic technologies for streamlining agricultural processes, boosting productivity, and tackling farming sector challenges. By integrating advanced technologies such as automation, intelligent manufacturing, and artificial intelligence, intelligent robots can achieve precision and automation in field operations, enhancing production efficiency, thus reducing farmers' labor intensity. This Special Issue will provide suggestions and new perspectives to promote the transformation and upgrading of the agricultural industry and improve agricultural production methods.

Guest Editors

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

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