

## Special Issue

# Innovative Machinery for Climate-Smart Agriculture

### Message from the Guest Editors

This Special Issue will explore the development and implementation of cutting-edge agricultural machinery and technologies designed to address the impacts of climate change. These advanced machines and technologies will play a crucial role in reducing greenhouse gas emissions, optimizing the use of resources, and enhancing the adaptability of farming systems to evolving climatic conditions. We welcome the submission of original research articles and reviews that focus on the design, deployment, and effectiveness of innovative agricultural machinery in mitigating the impacts of climate change. This includes technologies and practices that enhance soil and water conservation, reduce our dependence on non-renewable resources, and integrate renewable energy sources into agricultural practices. In this collection, we aim to highlight the critical role that advanced agricultural machinery will play in the transition to climate-smart agriculture, providing insights into how these innovations can help create a more sustainable and climate-resilient agricultural future.

### Guest Editors

Dr. Valentin Vlăduț

Dr. Iuliana Găgeanu

Dr. Mihai Gabriel Matache

### Deadline for manuscript submissions

25 September 2025



## Agriculture

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## About the Journal

### 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.

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### Editor-in-Chief

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