

## Special Issue

# Sustainability of Technological Innovations in Agricultural Green Transitions

### Message from the Guest Editors

The agri-food system is facing an unprecedented set of challenges in the areas of green transition, climate change, climate neutrality, and food security. However, several phenomena, including the consequences of the Covid pandemic and ongoing conflicts in different parts of the world, risk delaying or postponing the achievement of these goals. Therefore, the path towards transitioning to a more sustainable economy and society is supported by the adoption of innovations, that can make agricultural economies and production activities greener, more digital, and more resilient. This Special Issue focuses on the economic assessment, in different territorial contexts, of the solutions and impacts of enabling technologies for the sustainable development of agri-food production. Research articles will cover a wide range of topics, including the use of precision techniques and decision support tools for farmers to rationalize the use of agricultural inputs (fertilizers, pesticides, water, and energy), the search for alternative food resources, according to the principles of the circular economy, and the evaluation of mitigation measures on the socio-economic sustainability of farms.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 May 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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