

Special Issue

Optimization of Resource Use for Productivity, Efficiency, and Sustainability in Agriculture

Message from the Guest Editors

This Special Issue aims to provide new insights about the efficient use of resources on farms for more sustainable and integrated agriculture.

- Development of models for efficient use of resources, based, specifically, on DEA (data envelopment analysis), SFA (stochastic frontier analysis), and linear and mixed programming approaches;
- Identification of innovative and sustainable methodologies for farm planning;
- New contributions on agricultural entrepreneurship;
- New approaches to address the impacts of climate change on agriculture and reduce the sector's ecological footprint;
- Analysis of agricultural policies on the competitiveness of farms;
- Innovative ways to link agriculture with other economic sectors;
- Strategies to improve the participation of farmers in agri-food chains, namely, to bring them closer to final consumers;
- Decision support systems for agriculture;
- Socioeconomic aspects of innovative farming processes and protocol adoption;
- Integrated pesticide management and pesticide reduction strategies;
- Farming cooperatives and farm networks.

Guest Editors

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Deadline for manuscript submissions

closed (20 November 2022)



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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.

Editor-in-Chief

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