

## 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.

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### Guest Editors

Dr. Vítor João Pereira Domingues Martinho  
Prof. Dr. Paulo Reis Mourão  
Prof. Dr. Nikolaos Georgantzis

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### Deadline for manuscript submissions

closed (20 November 2022)



## Agriculture

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*Agriculture*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agriculture@mdpi.com](mailto:agriculture@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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### Editor-in-Chief

Prof. Dr. Les Copeland  
Sydney Institute of Agriculture, School of Life and Environmental  
Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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