

## Special Issue

# Environmental, Economic and Social Assessment of Bioenergy Production and Utilization in the Agricultural Sector

### Message from the Guest Editors

In the face of global challenges such as climate change, the need to decarbonize the economy, and the pursuit of energy self-sufficiency, bioenergy is gaining importance as a key component of the energy transition. The role of the agricultural sector—possessing significant raw material potential for renewable energy production from biomass—is becoming increasingly prominent. Bioenergy is not only a crucial link in the energy transition, but also a field where environmental, social, and economic dimensions converge, making it an integral element of sustainable development policy.

The aim of this Special Issue is to explore the environmental, economic, and social impacts of bioenergy production and utilization within agricultural systems. We welcome theoretical contributions and empirical studies that examine the costs and benefits of bioenergy development, the drivers influencing its growth in the context of sustainable development, policy evaluations, and synergies between bioenergy, agriculture, and sustainability.

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### Guest Editors

Dr. Dariusz Kusz

Department of Computer Engineering in Management, Faculty of Management, Rzeszow University of Technology, 35-959 Rzeszów, Poland

Dr. Bożena Kusz

Department of Computer Engineering in Management, Faculty of Management, Rzeszow University of Technology, 35-959 Rzeszów, Poland

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### Deadline for manuscript submissions

30 December 2025



## 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, 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

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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