

Special Issue

The Use and Valorization of Agro-Residues and Invasive Plants for Sustainable Energy and Soil Health in Farming Systems

Message from the Guest Editors

The purpose of this Special Issue is to present new and current research on the utilization of agricultural residues and invasive plant biomasses as new sources of renewable energy, through the creation of biofuel, fertilizer processing, and related utilization technologies and techniques, to meet the needs of future agriculture. This Special Issue will cover:

- System analysis methods, including life cycle assessments and system management;
- Biosystems engineering and the efficient use of new technological processes;
- New and renewable sources of energy and their sustainable use for energy conversion;
- Sustainable energy preservation and regeneration methods;
- Sustainable utilization of bioresources such as land, atmosphere, and other biological resources;
- Agroecosystem maintenance and biodiversity preservation;
- The effects of global climate change on development and sustainability.

This Special Issue aims to present state-of-the-art research in the areas mentioned above and will complement the scientific information published in other scientific journals and publications.

Guest Editors

Prof. Dr. Algirdas Jasinskas

Department of Agricultural Engineering and Safety, Faculty of Engineering, Vytautas Magnus University Agriculture Academy, Studentu Str. 15A, Kaunas distr., LT-53362 Akademija, Lithuania

Prof. Dr. Kestutis Romaneckas

Department of Agroecosystems and Soil Sciences, Agronomy Faculty, Agriculture Academy, Vytautas Magnus University, Studentu Str. 11, Kaunas distr., LT-53361 Akademija, Lithuania

Deadline for manuscript submissions



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Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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

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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