

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.

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Deadline for manuscript submissions



Agriculture

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Impact Factor 3.6
CiteScore 6.3



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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.

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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