

## Special Issue

# Waste to Wealth: Resource Utilization of Agricultural Waste Through Effective Biomass Management

### Message from the Guest Editor

Agricultural biomasses refer to organic materials produced seasonally on Earth. Crop residues and animal waste, constituting biomass, hold significant potential for energy conversion in the energy sector. Throughout their lifecycle, from production to disposal, biomass interacts with ecosystems, exhibiting distinct physicochemical properties. This Special Issue aims to demonstrate the latest advancements in the conversion of agricultural waste and byproducts into high-value products, thereby facilitating a transition from research discoveries to real-world industrial implementations. We are looking for submissions that delve into the extraction and characterization of valuable biomolecules from agricultural waste/byproducts, investigating their applications across both food and non-food domains. This encompasses innovations in technology, sensory characteristics, and the use of agricultural waste/byproducts as feedstocks for eco-friendly biobased/biodegradable packaging solutions. Contributions of research papers, reviews, or short communications are welcome.

### Guest Editor

Dr. Anabel Fernandez

Institute of Chemical Engineering, Faculty of Engineering, National University of San Juan, Group Linked to PROBIEN (CONICET-UNCo), San Juan, Argentina

### Deadline for manuscript submissions

15 December 2025



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

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### Message from the Editor-in-Chief

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### Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,  
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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