

Special Issue

Agricultural Biomass Waste Conversion into Value-Added Products

Message from the Guest Editors

The academic and industrial interest in the conversion of biomass waste of agricultural origin into products with high added value has assumed ever greater importance in recent years. The topic, central to the mitigation of CO₂ emissions and the intelligent exploitation of resources, embraces very different scientific-industrial sectors. Some examples are (but they are not limited to) the extraction of secondary plant metabolites such as polyphenols and their characterization and application in the pharmaceutical, cosmetic and food fields; enzymatic or microorganism-mediated biotransformations of lignocellulosic waste for energy purposes (biofuels) or as sources of innovative materials such as biopolymers or their precursors. The Special Issue therefore aims to collect the latest scientific advances in the aforementioned topics. We would like to invite researchers and scholars to participate in this Special Issue by submitting a contribution in their field of expertise. Both original research papers and reviews are welcome.

Guest Editors

Dr. Giuseppe Squillaci

Research Institute on Terrestrial Ecosystems (IRET), National Research Council of Italy (CNR), Via P. Castellino 111, 80131 Naples, Italy

Dr. Alessandra Morana

Research Institute on Terrestrial Ecosystems (IRET), National Research Council of Italy (CNR), Via P. Castellino 111, 80131 Naples, Italy

Deadline for manuscript submissions

closed (31 January 2025)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/158274

Agronomy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)





Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)



About the Journal

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

Agronomy is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Editor-in-Chief

Prof. Dr. Leslie A. Weston

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)