

Special Issue

Advances in the Technology of Organic Fertilizers from Agricultural Waste

Message from the Guest Editors

The increasing of the price of N and P mineral fertilizer have a direct impact on the use of fertilizers in agriculture in the EU. Circular agriculture focuses on using minimal amounts of external inputs, closing nutrient loops, regenerating soils, and minimizing impacts on the environment, thus aiding the transition towards sustainable and resilient energy and farming systems. Using livestock manure and agricultural waste as a source of macro and micronutrients potentially enables crop and livestock production that does not deplete non-renewable sources or harm the environment, since this would reduce dependence on mineral fertilizers. In Europe, it is estimated that a circular approach to food systems could reduce the use of chemical fertilizers by 80%.

This Special Issue focuses on innovative technologies for nutrient recovery to valorize manure and agricultural waste into biofertilizer products. The issue aims to include studies with a marked circular and bioeconomic approach and is expected to cover the legal framework of final biobased products as well. Original research articles and reviews are welcome.

Guest Editors

Dr. Víctor Riau

Department of Sustainability in Biosystems, IRTA, Caldes de Montbui, 08140 Barcelona, Spain

Dr. Miriam Cerrillo

Department of Sustainability in Biosystems, IRTA, Caldes de Montbui, 08140 Barcelona, Spain

Dr. Ana Robles Aguilar

BETA Technological Center, 08500 Vic, Spain

Deadline for manuscript submissions

closed (20 August 2024)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/197016

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

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





Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



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



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

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, RePEc, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)