



Frontiers in Sustainable Agro-Food Waste and Byproducts Treatment

Guest Editors:

Prof. Dr. Berta Baca-Bocanegra

Research Group of Applied Chemistry, Department of Analytical Chemistry, University of Seville, 41004 Sevilla, Spain

Prof. Dr. M. Luisa Escudero-Gilete

Food Colour and Quality Laboratory, Department of Nutrition and Food Science, Facultad de Farmacia, Universidad de Sevilla, 41004 Sevilla, Spain

Dr. María José Jara-Palacios

Department of Analytical Chemistry, Facultad de Farmacia, Universidad de Sevilla, 41012 Sevilla, Spain

Deadline for manuscript submissions:
closed (20 October 2022)



mdpi.com/si/120478

Message from the Guest Editors

The agro-food industry covers a wide range of activities using agricultural, animal, and forest products as raw materials. This industry plays an important role related to the global economy and, therefore, must comply with the increasingly demanding health and safety requirements in terms of environmental legislation, safety, and sustainable production. In this sense, waste management is usually a problem for most companies, mainly due to its difficult elimination due to its high content of organic matter. However, not only is the effective and innocuous elimination of waste important to avoid environmental risks but also the search for alternative uses that allow its revalorization. Therefore, there is a need to seek and implement innovative solutions in waste management.

This Special Issue aims to provide an overview of the different strategies aimed at achieving sustainable treatment of waste from the agro-food industry, as well as its revalorization through its transformation into useful by-products and even into raw materials for other industries.

Keywords:

agro-food
agricultural product
waste management
byproduct
revalorization
sustainable



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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), Ei Compendex, Inspec, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/AtApplsci)