

Special Issue

Innovative Solutions for Sustainable Agriculture: From Waste to Biostimulants, Biofertilisers and Bioenergy

Message from the Guest Editors

The valorization of agro-industrial waste represents a strategic and relevant way to reduce the environmental impact of agriculture and increase its productivity. Some recent studies have focused on obtaining biostimulants and fertilizers from agro-industrial wastes, thus creating a circular economy paradigm. Furthermore, within the scope of promoting third-generation biorefinery, following pretreatment for the extraction/production of valuable substances, this kind of biomass can be destined for anaerobic digestion for energy production and finally converted in (bio)fertilizers. In this context, the aim of this Special Issue is to provide an overview of innovative and cutting-edge research on the potential of biomass to provide relevant materials and approaches for agricultural applications and energy production. In particular, research on obtaining biostimulants and (bio)fertilizer from natural resources and waste to increase soil quality and the performance of crops, even in the context of climate change, will be considered. Finally, studies on producing biogas or biomethane from agro-industrial waste are welcome.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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