

Special Issue

Agricultural Valorization of Agro-Industrial By-Products: From Waste to Value

Message from the Guest Editors

The continuously growing world population corresponds with the increasing demand for food worldwide. To meet this requirement, the agriculture industry has attempted to profoundly enhance crop production. However, these farming techniques, mainly the abuse and misuse of chemical fertilizers, have led to a general decline in soil quality, resulting in a vicious circle that accelerates the deterioration of soil quality and diminishes the worldwide agricultural yield.

This Special Issue aims to focus on the novel utilization of industrial by-products and wastes as promoters of the fertility and nutrient status of soil as alternatives to the abuse and misuse of chemical fertilizers. We are open to receiving research, reviews, and opinion articles covering all aspects of using newly developed bio-fertilizers derived from the industrial co-products to stretch the native PGPR microbiome. Moreover, improved farming techniques, including new eco-friendly compounds, to achieve the increasing worldwide demand for food will be an essential part of this Special Issue. Finally, agronomic studies assessing these co-products as PGPR inoculants in sustainable agriculture are also welcome.

Guest Editors

Dr. David Correa-Galeote

Department of Microbiology, University of Granada, 18071 Granada, Spain

Dr. Antonio Serrano

Department of Microbiology, University of Granada, 18071 Granada, Spain

Deadline for manuscript submissions

closed (30 April 2023)



Agronomy

an Open Access Journal
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Impact Factor 3.4
CiteScore 6.7



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

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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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