

Special Issue

Use of Bio-Fertilizers to Improve Crop Quality and Yield

Message from the Guest Editors

Global food demand will eventually surpass the availability of food resources especially in developing countries where the population increase is the greatest. In this context, the use of beneficial plant microorganisms, such as plant growth-promoting bacteria (PGPB), and endophytic and mycorrhizal fungi is an attractive technology to address these problems. This Special Issue will address studies (including, e.g., original research, research perspectives, mini reviews, commentaries, and opinion papers) that focus on the following: (i) Strategies to select unique biofertilizers; (ii) Identification of new plant beneficial microorganisms; (iii) Definition of the effects of microorganisms on plants grown in field conditions, and identification of the factors limiting their beneficial impact or survival in the environment; (iv) Characterization of the changes induced by the introduction of these new isolates on the resident microbiota; (v) Formulation of efficient commercial biofertilizers (both as individual strains or as a consortium of isolates combining different beneficial physiological traits) that can meet the farmer's expectations.

Guest Editors

Dr. Elisa Gamalero

Dr. Simone Cantamessa

Dr. Patrizia Cesaro

Dr. Giorgia Novello

Deadline for manuscript submissions

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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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