

Special Issue

The Role of Biostimulants in Improving Crop Yield and Quality

Message from the Guest Editors

Biostimulants are innovative preparations of natural or synthetic origin that support the growth and development of plants by stimulating metabolic processes, improving soil structure, and increasing resistance to abiotic stresses, such as drought or temperature changes. This Special Issue aims to present current research on the effectiveness of biostimulants in increasing the yield and quality of crops in variable climate and soil conditions. In particular, the issues of their potential use as a partial replacement for withdrawn pesticides will be addressed, which could contribute to increasing the health and durability of crops. This Special Issue will also be devoted to the role of biostimulants in regenerative and ecological agricultural production, their impact on carbon fixation in the soil, and their importance in agri-food production, including the technology of intelligent packaging based on nanoparticles. We encourage you to submit articles presenting the results of research on biostimulants in the context of organic, integrated, and precision agriculture; soil fertility; and improving food quality and safety. We look forward to your submissions.

Guest Editors

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About the Journal

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.

Editor-in-Chief

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