

Special Issue

Biostimulants Extracted from Biomass for Better Crop Growth

Message from the Guest Editors

The use of biomass extracts in agriculture is considered a sustainable approach to enhance crop growth and resilience. Traditionally derived from plant, algal, or microbial sources, these natural products, also defined as biostimulants, have gained renewed interest due to their potential to reduce the reliance on synthetic chemicals and improve plant tolerance to abiotic stresses such as drought, salinity, and temperature extremes. We welcome original research articles, reviews, and case studies that explore the mechanisms through which biomass extracts influence plant physiological processes, nutrient uptake, and overall yield. Emphasis will be placed on studies that demonstrate the role of these products in mitigating abiotic stresses, enhancing crop quality, and promoting sustainable agricultural practices. Papers that investigate innovative extraction methods, formulation improvements, and field application strategies are also highly encouraged.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2026)



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Message from the Editor-in-Chief

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Editor-in-Chief

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