

Special Issue

Plants and Microorganisms: Role of Microorganisms in Monitoring and Improving Environmental Health

Message from the Guest Editors

Monitoring environmental health is crucial to ensure viability in terrestrial and aquatic ecosystems. To study negative effects on ecosystems, plants and microorganisms are especially useful biological indicators. This Special Issue of *Microorganisms* will thus present research on these environmental indicators, including topics of interaction between plants and microorganisms, microbial activity, variances in genotypes and phenotypes among microbial communities, the contamination accumulation potential of microbes, and variance in the biochemical parameters of plants and microorganisms. Studies focusing on negative activities and their effects on plants and microorganisms, biomonitoring, bioindication, biochemical parameters, and phytoremediation are welcome.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).