

Special Issue

Bioremediation Techniques to Maintain the Health of Agricultural Soils and Organic Soil Amendments

Message from the Guest Editors

Over the past few decades, bioremediation has emerged as a sustainable and eco-friendly approach to mitigate the adverse effects of pollutants.

Advancements in microbial degradation, phytoremediation, and enzymatic treatments have opened new avenues for restoring soil health and enhancing its fertility.

This Special Issue aims to bring together the latest research and innovations in screening, monitoring, and bioremediation strategies of PTEs, POPs, and EPs that improve soil health and support sustainable agricultural practices. We invite contributions that address recent breakthroughs in microbial consortia, genetically engineered microbes, biochar applications, rhizoremediation, advanced monitoring techniques, etc., focusing on:

1. Microbial and plant-based remediation strategies of soil or organic waste materials.
2. Soil amendments for pollutant degradation.
3. Innovative analytical techniques for monitoring remediation.
4. Field applications and case studies of successful bioremediation.
5. Regulatory and policy implications of bioremediation techniques.

Guest Editors

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Deadline for manuscript submissions

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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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