

Special Issue

Biosecurity Innovations for Pest Management in Agricultural Products

Message from the Guest Editors

This Special Issue emphasizes the new biosecurity innovations in pest management for agricultural products. Biosecurity is one of the important elements of sustainable agricultural practices that prevent the introduction and spread of pests and diseases dangerous to food security and environmental health. The goal of this Special Issue is to highlight the newest scientific developments and practical solutions supporting efficient and environmentally friendly pest management strategies in the protection of agricultural products. We invite contributions that discuss novel technologies and methodologies for pest detection, prevention, and control, primarily targeting the reducing reliance on toxic chemical pesticides. We are keen on research involving low-toxicity or nonchemical pest control methods, quarantine treatments, integrated pest management (IPM), biological control agents, and the incorporation of sensor technologies and IoT systems for real-time monitoring and decision making. We also welcome papers on ways to improve pest resistance using genetic innovations toward promoting sustainable agriculture.

Guest Editors

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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

Prof. Dr. Les Copeland

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