

Special Issue

Biological Control and Pesticides in Agriculture: Current Status and Applications

Message from the Guest Editors

This Special Issue aims to present the most recent achievements and applications of biological control and pesticides. Biocontrol as a pest control strategy forms the basis of integrated pest management.

Low-risk pesticides, or so called biopesticides have attracted attention in pest management in recent decades. They have long been promoted as alternatives to synthetic pesticides but environmental risk assessments should be conducted in order to prove their safety. Due to increased resistance to synthetic pesticides among pests, new bio-based products are promising candidates.

High-quality studies on the use of diverse beneficial organisms in crop protection and food production as well as on new pesticides are most welcome.

This Special Issue is looking for original research articles and reviews that focus on topics including, but not limited to, the following: Integrated and biological pest management systems of crops. Biopesticides and low-risk pesticides. Risk assessment in pesticide applications. Sustainable farming using biological control. Phytochemicals as effective pesticides and antifungal and herbicidal agents. New solutions for microbial and RNA-based pesticides.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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