

Special Issue

Latest Research on Biological Control of Pests and Crop Protection

Message from the Guest Editor

The expansion and intensification of agricultural practices has had negative impacts on the environment, which has led to landscape simplification, agrochemical spill in soil and water, and loss of biodiversity. A shift towards an ecosystem-based approach to agriculture has been proposed. Interest in biological control has increased in recent years, along with the pressure to reduce the use of pesticides due to their negative effects on the environment and human health. There are three approaches to biological control in the field—importation, augmentation, and conservation of natural enemies, such as predators and parasitoids, and entomopathogens. These techniques might be used alone or in combination in integrated pest management programs. Furthermore, there are other strategies which can be used to protect crops, against disease and weed control. The intention of this Special Issue is to highlight recent research on the sustainable biological control of pests and crop protection in perennial, annual, or greenhouse crops. We welcome original research articles and review articles focusing on the latest advancements in the biological control of pests and crop protection.

Guest Editor

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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