

Special Issue

Integrated Pest and Disease Management in Greenhouse Crops

Message from the Guest Editor

Pests, viruses, bacteria, oomycetes, and fungi are very common in greenhouses in various geographical regions and under a variety of growing conditions. Their control is very difficult. The most appropriate method to control the pests and pathogens would be the use of resistant cultivars. Manipulation of the greenhouse environment and nutrients to avoid pathogens can be practiced by farmers; however, the growers rely heavily on chemical and biocontrol agents to protect their crops. New control methods are urgently needed, either for conventional application or for integration with existing integrated pest/pathogen management (IPPM). IPPM approaches underline the importance of understanding the biology and ecology of pests and diseases, as well as the complex relations between the different elements of agroecosystems when managing pest/pathogen populations. The proposed Special Issue is devoted (but not limited by) to: Cultivars resistant to pests and diseases; Emerging plant pathogens in greenhouse culture; Instrumental monitoring of plant pests/diseases in greenhouse; Biocontrol agents against pests and diseases; New methods for IPPM.

Guest Editor

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