

Special Issue

Biology, Ecology and Management of Sap-Sucking Pests

Message from the Guest Editor

Sap-sucking insects are arthropods with mouthparts specifically adapted to piercing plant tissues and extracting fluids. This diverse group includes aphids, leafhoppers, stink bugs, mealybugs, thrips, whiteflies, scales, spider mites, jumping plant lice, planthoppers, and lace bugs. Many of these insects are significant economic pests, causing substantial crop losses in agriculture, forestry, and ornamental plantings. They can directly damage plants by withdrawing essential nutrients, the curling of leaves and shoots, and the emission of honeydew on which sooty mould develops, which can have severe consequences for plant health. In some cases, they also act as vectors for numerous viruses and bacterial diseases. This Special Issue aims to highlight studies dealing with topics concerning sap-sucking insect pests, encompassing their biology, interactions with other organisms, and natural enemies. We also welcome research on the real-world impact of these arthropods on production and yield, as well as management strategies with low environmental impact in both natural and anthropogenic habitats.

Guest Editor

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Message from the Editor-in-Chief

Editor-in-Chief

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