

Special Issue

Sustainable Pest Management for Coffee Production

Message from the Guest Editors

Conventional management of coffee pests relies on chemical pesticides, but environmental problems, pest resistance, toxicity-related issues, and trader compliance have led coffee growers to search for alternatives for pest control. Agroecological strategies suitable for coffee cultivation can be adopted by farmers based on plant diversification in order to provide resources for natural enemies, such as nectar, pollen, shelter, microclimate conditions, and oviposition sites, thereby promoting conservation biological control. Additionally, curative measures using less harmful pesticides such as botanical extract and oils and biopesticides are important during periods of high pest populations. Using resistant coffee cultivars, monitoring of pests and knowledge of pest spatial distribution are essential tools for successful sustainable coffee management. This Special Issue focuses on the above strategies. We welcome original studies addressing them, as well as those on coffee food web interactions on insects and mite communities.

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