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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Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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