

## Special Issue

# Recent Advances in Pest Control Strategies in Agroecosystems

### Message from the Guest Editors

For years, monocultures have been composited by a single plant species and represent an extreme example of low diversity. This agricultural system is more susceptible to pests and, consequently, a high degree of management and inputs are required to maintain low insect populations. Agroecosystems support the food production systems in farms and promote the biodiversity needed to maintain the natural enemies of insect pests. Thus, some technologies in modern systems aim to achieve efficient pesticide application, insect entomophagous liberation, entomopathogenic microorganism incorporation, and the use of semiochemicals, among others. This Special Issue aims to publish advances in the use of biorational (natural or synthetic) insecticides, the application of entomophagous (parasitoids or predators) and entomopathogenic (fungi, bacteria, or viruses) organisms as biocontrol agents, and the use of pheromones for pest control in agroecosystems. Existing IPM practices must be continually optimized, as well as the development of innovative new IPM tools.

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### Deadline for manuscript submissions

closed (10 February 2024)



## Agriculture

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## About the Journal

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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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