



Sustainable Cutting-Edge Solutions for Pest Management

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Message from the Guest Editors

Pests pose a persistent threat to agriculture. Due to the dynamics of international trade and the impacts of climate change, there is a heightened risk of introducing and adapting potentially harmful organisms, exacerbating the reappearing and damages of native pests, and misalignment of their life cycles. This necessitates resorting to traditional control techniques, often based on chemicals. With the aim of eco-friendly agricultural practices, promoting healthier nutrition, and safeguarding biodiversity, the exploration and development of more sustainable methodologies is imperative.

This Special Issue focuses on the discovery and use of alternative control strategies such as insects, fungi, bacteria, and viruses to tackle harmful biotic agents and on artificial intelligence to obtain remote and precise monitoring, mathematical models to describe biological cycles, and to predict the infestations. Additionally, this Special Issue covers the development of methodologies for prompt diagnosis of harmful organisms.





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Message from the Editor-in-Chief

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