



## Advances in Pest Treatment and Plant Protection

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### Message from the Guest Editors

Plant damage and yield losses due to pests are a global problem threatening food security, causing critical economic losses, and increasing hunger worldwide. Furthermore, climate change and globalization are two main factors increasing the spread of pests and, therefore, crop protection and pest management are societal challenges requiring attention if we desire to achieve a healthy and sustainable agriculture allowing food access worldwide. New solutions and further research for pest management and plant defense against pests with integrated economically viable, ecologically careful, and safe for human health approaches are necessary and of urgent need.

We welcome original research, reviews, and opinion articles covering all related topics, including (1) molecular plant–herbivore interactions, (2) new technologies in plant protection and/or pest management, (3) genomic tools for plant protection, and (4) field studies of new pest treatments.





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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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