

# Special Issue

## Biological Interactions of Pests

### Message from the Guest Editors

Agricultural ecology witnesses a continual increase in the number of pests or insects representing problems. Certain aspects such as the behavior, immune system, development, etc., of pests could be used as new targets in ecological control measures. Now these studies focus on the community level of insects themselves and their interactions with other organisms. Advances have been made in understanding the mechanisms of numerous popular cases of biological interactions, particularly in multi-species interactions. The development of new research technologies will allow uncovering the signaling molecules and related signal pathways between some interactions of concern, e.g., intestinal microbial associates–insects, vector insects–pathogens, and natural enemy–insects–plants. The Special Issue will focus on Biological Interactions of Pests. We welcome novel research, review, and opinion pieces covering related topics including chemical communication, genetics and epigenetics, beneficial microorganisms, physiological responses, novel molecules and their signaling pathways, management solutions, modeling, case studies from the field, and policy positions.

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### Guest Editors

Dr. Lilin Zhao

Dr. Zhen Zou

Dr. Yanhong Wang

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### Deadline for manuscript submissions

closed (20 February 2022)



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*Agronomy*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agronomy@mdpi.com](mailto:agronomy@mdpi.com)

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### Message from the Editor-in-Chief

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### Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,  
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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