



insects



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IPM in the Rhizosphere: Challenges, Discovery and Success

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Message from the Guest Editors

Dear colleagues,

The cryptic nature of soil-dwelling arthropod pests creates unique challenges for pest management and the understanding of plant–arthropod and predator–prey interactions below ground. The advances in pest management above ground do not always transfer directly in the rhizosphere. Tasks as simple as pest monitoring become difficult when pests' life stages are hidden in the soil; biocontrol and other management strategies involve compatibility with both the host and the soil environment, and ecological interactions such as those involving chemical signaling among roots, pests, and predators are also entangled with the complexity of the rhizosphere. This Special Issue aims to highlight the diverse and innovative management approaches for rhizophagous pests, and pests with soil-dwelling life histories, as well as the tritrophic interactions occurring below ground. In addition, highlights on the challenges of investigating soil-dwelling arthropod pests and ways in which these challenges may be overcome are an important aim. Original research articles, review articles, and short communications are all welcome.



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Special Issue