

## Special Issue

# Integrated Nematode Management in Sustainable Agricultural Production

### Message from the Guest Editor

Plant-parasitic nematodes (PPN) are some of the most devastating agricultural pests and cause annual economic losses of up to USD 157 billion worldwide. PPN not only directly cause plant damages but also interact with other pathogens to form disease complexes, making them very difficult to control. To date, the application of chemical nematicides is still the major effective approach for controlling PPN. However, considering issues related to safety and environmental pollution, a variety of chemical nematicides have been limited in use in many countries due to their high toxicity to the environment. The urgent need to search for alternative PPN control methods that are less environmentally toxic is a demanding challenge to secure the increasing global food demand. Therefore, PPN management methods are no longer a single management method, but innovative integrated solutions that incorporate cultural practices, genetic resistance, and alternative nematicides to keep populations below damaging levels. In this Special Issue, we aim to exchange knowledge on integrated management strategies against plant-parasitic nematodes in sustainable agricultural production.

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### Guest Editor

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### Deadline for manuscript submissions

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### Editor-in-Chief

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