Special Issue

Sustainable Management of Arthropod Pests in Agroecosystems

Message from the Guest Editors

Agricultural policies worldwide recognize the need for sustainable agricultural schemes, including pest management. Intensive agriculture has put great pressure on populations and resources of arthropod pests' natural enemies through the adverse effects of pesticide application and the reduction of their habitats in agricultural land. Therefore, there is a need for more sustainable plant protection tools alternative to synthetic pesticides, such as biopesticides, semiochemicals (e.g., mating disruption, mass trapping, attract and kill), as well as agronomic measures to support the conservation of suitable habitats and provide food resources and shelter (e.g., management of field margins, cover crops, banker plants) to parasitoids and predators in agro-ecosystems. This Special Issue aims to focus on new chemical and non-chemical means/methods of sustainable pest management, as well as conservation/mitigation practices to enhance beneficial arthropods and biological control in agricultural crops. Original research articles and review articles are welcome. Prof. Dr. Lene Sigsgaard

Guest Editors

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