Topical Collection

Integrated Pest Management in Agricultural Crops and Forest Ecosystems

Message from the Collection Editors

The overuse of synthetic pesticides to control noxious arthropods in agroecosystems is of major importance due to health and environmental issues. Apart from concerns related to the negative impact of pesticides on humans, agricultural or domestic animals and the environment, they can also induce irreversible damage to beneficial organisms (e.g., parasitoids, predators, pollinators), disrupting the overall ecological stability of both forest ecosystems and agroecosystems. This impact is further magnified by the repeated application of insecticides that facilitates the emergence and development of resistance, particularly in agroecosystems. It is thus mandatory to develop alternative, environmentally friendly approaches (e.g., classical biological control, pheromone-based networks, green insecticidal formulations) that can be incorporated into integrated pest management (IPM) in target ecosystems

Collection Editors

Dr. Nickolas G. Kavallieratos

Laboratory of Agricultural Zoology and Entomology, Department of Crop Science, Agricultural University of Athens, 75 Iera Odos Str., 11855 Attica, Greece

Dr. Maria C. Boukouvala

Laboratory of Agricultural Zoology and Entomology, Department of Crop Science, Agricultural University of Athens, 11855 Athens, Attica, Greece

Insects

an Open Access Journal by MDPI

Impact Factor 2.9
CiteScore 5.6
Indexed in PubMed

mdpi.com/si/120482

Insects
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
insects@mdpi.com

mdpi.com/journal/insects

Insects

an Open Access Journal by MDPI

Impact Factor 2.9
CiteScore 5.6
Indexed in PubMed

mdpi.com/journal/insects

About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Brian T. Forschler
Department of Entomology, University of Georgia, 413 Biological Sciences Building, Athens, GA 30602-2603, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, and other databases.

Journal Rank:

JCR - Q1 (Entomology) / CiteScore - Q1 (Insect Science)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).