

Special Issue

Insects Ecology and Biological Control Applications

Message from the Guest Editors

The class Insecta constitutes the most diverse, abundant, and widely distributed group in the animal kingdom. In the context of global environmental change, the relationship between insects and the natural world is undergoing substantial modifications. The use of pesticides and the introduction of non-native species, among other factors, have led to the deterioration of various environments and a gradual reduction in insect species diversity. The development of biologically based interventions for pest management corresponds with insect ecological conservation initiatives. Insect biological control is that which involves predatory and parasitic natural enemies, entomopathogenic microorganisms, as well as active ingredients derived from plants, animals, microbes, etc., and is a form of insect ecology. In light of these factors, our Special Issue will provide a platform for recent research highlighting the application of biological agents as interventions in management plans in conjunction with insect ecological research methodologies. Other work that falls within the scope of this Special Issue is welcome.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Arthropods are a diverse and abundant group of animals that are important to a variety of research dictates. For example, hexapods act as bio-indicators of ecosystem function and pest status and serve as model systems for questions concerning physiology, embryology, genetics, and social interaction. The editorial board and staff at *Insects* is committed to providing contributors an open access forum to showcase objective and innovative research as well as succinct review articles. Our journal is dedicated to providing timely and thorough review of qualified submissions and we welcome you to submit a contribution.

Editor-in-Chief

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Author Benefits

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Journal Rank:

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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).