

Special Issue

Applied Insect Reproductive Biology

Message from the Guest Editors

The management of insect populations is important for a variety of reasons including conservation, pollination, food production, control of agricultural pests and pathogens, control of disease spread, and material production (e.g., silk). Management of insect populations depends on an understanding of many areas of biology, including ecology, evolution, physiology, molecular biology, nutritional sciences, and behavior. Insights from studies of reproductive biology have aided greatly in advancing techniques of insect population management. Although these aforementioned areas of insect management have largely been considered in isolation of each other, approaches used in one area have the potential to improve management in other areas. In this volume, we invite experts in the field of applied insect reproduction to present new research and reviews on the topic of how studies of insect reproduction can be applied to managing populations. As editors, we will look at themes that provide insights bridging the different areas of insect population management with the goal of generating increased dialogue and idea exchange between scientists working in these areas.

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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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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).