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Palm Ecosystems: Tackling Insect Challenges through Ecology and Conservation Biology, Pest Control and Biotechnology

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Deadline for manuscript submissions:
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Message from the Guest Editors

Palm trees are one of the best known and widely planted trees. Palm tree is a preferred host plant for many insect pests. Some of these are destructive pests that cause severe economic damage and threaten biodiversity in the palm ecosystem. Climate change and international trade have brought other problems, such as the spread of invasive pests into new regions. In this context, the development of ecological pest management programs offers new opportunities for the long-term protection of palms without negative impacts on human health and the environment. In addition, recent advances in omics offer plentiful possibilities to improve control methods for the most recalcitrant pests. This Special Issue will focus on recent studies that address palm-associated insect fauna, with an emphasis on how they can contribute to better palm pest management. We will consider studies dealing with interspecific interactions, population biology, chemical ecology, economic entomology, microbial pesticides and biotechnology.

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Editor-in-Chief

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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.

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