



insects



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Applied Insect Reproductive Biology

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Message from the Guest Editors

Dear Colleagues,

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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Special Issue