Special Issue

Insects Ecology and Biocontrol Applications

Message from the Guest Editors

Insects are among the most important classes of metazoans on earth in terms of diversity and biomass. There is an accumulation of recent studies revealing that global changes (e.g., climate change, broad-spectrum pesticides, and the spread of invasive species) have strongly endangered their biodiversity. In this context, the development of alternative pest control strategies (at the agronomic or human health level) that are both efficient and preserve the ecosystems is a priority. To be efficiently and safely developed, such strategies often need a strong theoretical and basic knowledge of the ecology of biological agents and the insects with which they interact. This Special Issue will particularly offer a place to recent investigations that will bring together research in insect ecology with a key focus on how it would help to discover, empower, or improve biocontrol strategies. We will consider all investigations with expertise in symbiotic interactions, interspecific interactions, population biology, computational biology, ecotoxicology, ecophysiology, environmental biochemistry, behavioral biology, and conservation.

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Deadline for manuscript submissions

closed (31 January 2023)

Insects

an Open Access Journal by MDPI

Impact Factor 2.9
CiteScore 5.6
Indexed in PubMed

mdpi.com/si/72207

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mdpi.com/journal/insects

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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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