

Special Issue

Advances in the Use of Hymenoptera as Bioindicators in Agricultural Landscapes

Message from the Guest Editors

The global decline in terrestrial biodiversity is attributed in part to the intensification of agricultural production systems. To evaluate the state of ecosystems and the effectiveness of measures that aim to support biodiversity, reliable (bio-)indicators are required.

Hymenoptera are promising bioindicators for the state of terrestrial ecosystems. They fulfill important ecosystem services and collect and provide valuable information about the environment. Innovative approaches, such as recent advances in molecular biology tools or technical devices for automatic species recognition, combined with landscape assessments, are opening new opportunities to use Hymenoptera as sources of information on the state of the environment. Original articles about theoretical, empirical, or applied research, as well as reviews, quantitative meta-analyses or perspective articles that focus on the potential use of Hymenoptera or their products as bioindicators to reflect the state of and threats to biodiversity in agricultural landscapes are welcome to this Special Issue.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2022)



Insects

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/108173

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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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