



The Impact of Environmental Changes on Insects Behavior, Physiology and Biochemistry

Guest Editors:

Dr. Francesco Parisi

Prof. Dr. Klaus H. Hoffmann

Dr. Enrico Ruzzier

Dr. Simone Sabatelli

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editors

Over the last 50 years, insects, a key group for ecosystem stability and functioning, have been facing a constant decline in the number of individuals and species, which has been caused by processes of anthropogenic origin (i.e., environmental fragmentation, ecosystem simplification, invasive species, climate change, etc.).

Very little is still known about the effects of environmental changes on insect biology and what the repercussions will be on their behavior, physiology, and biochemistry at the individual, population, and community level.

Bridging this knowledge gap is essential for the development of efficient conservation of plans and, where possible, to understand and to disentangle the multiple effects of the environment on insect survival in order to implement compensatory or mitigation measures.

The present Special Issue, entitled *The Impact of Environmental Changes on Insects Behavior, Physiology, and Biochemistry*, welcomes original research and review articles regarding field and laboratory assays with the aim of expanding our knowledge of the effects that recent environmental modifications have had on insects.





Editor-in-Chief

Prof. Dr. Brian T. Forschler

Department of Entomology,
University of Georgia, 413
Biological Sciences Building,
Athens, GA 30602-2603, USA

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, GEOBASE, PubAg, and other databases.

Journal Rank: JCR - Q1 (Entomology) / CiteScore - Q1 (Insect Science)

Contact Us

Insects Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/insects
insects@mdpi.com
[X@Insects_MDPI](https://twitter.com/Insects_MDPI)