

Special Issue

Big Data and Pollinator Health

Message from the Guest Editors

Landscape and weather data are critical for assessing habitat and productivity of pollinators, longitudinal studies help to identify the causes of success and decline, and genomic data can be used to clarify the biologies of pollinators and their associates. This issue will focus on methodologies and interpretations of big and integrative data, from planning to data collection and informatics. We look forward to large-scale landscape, geography, and weather data; systems biology datasets from controlled experiments; as well as large surveys and meta-analyses. Various strategies, including “-omics”, gene annotation, epidemiology, and complex modelling are encouraged, even when the answers involve negative results. We also seek reviews of current and past methodologies and datasets that improve our understanding of pollinator health. We expect all presented datasets will be freely accessible for future analyses and interpretation.

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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.

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Author Benefits

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).