Special Issue

Assessing Insect Pollinator Populations Using Molecular Methods—Approaches and Metrics on Species Diversity, Abundance and Genetic Diversity

Message from the Guest Editors

Insect pollinator populations are facing dramatic declines worldwide due to numerous factors, such as climate change and land-use intensification. Yet, stable populations are crucial for ecosystem functioning and human food security. Although classical taxonomic approaches are still widely applied to study insect pollinator communities, molecular biology methods are gaining ground. This Special Issue aims to publish original, theoretical or empirical research, reviews, quantitative meta-analyses or perspective articles that focus on the study of insect pollinator (e.g., bees, butterflies, hoverflies, moths) populations using molecular biology methods. We are inviting contributions focusing on pollinator species diversity and pollinator abundance, as well as their genetic diversity. Assessments of pollinator interactions with their environment, if assessed using genetic methods, will be considered if the state and health of pollinator populations is given a particular focus.

Guest Editors

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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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