Special Issue

Eco-Evolutionary Dynamics of Insect Social Life in a Changing Environment

Message from the Guest Editors

Insects, which constitute the majority of animal biomass, demonstrate remarkable adaptative capabilities to environmental changes through alterations in morphology, physiology, and behavior. These adaptations are driven by both evolutionary processes and phenotypic plasticity. Among insects, there are diverse forms of 'social life', ranging from group-living or communal to family-based associations and highly structured colonies of eusocial species such as Hymenoptera. While aspects of insect biodiversity and sociality have been studied extensively, there remains a critical need to consolidate recent research for a better understanding of how diverse forms of 'social life' interact with evolutionary responses and phenotypic plasticity to shape the adaptative potential of insects towards changing environments.

This Special Issue aims to compile recent advances that explore the role of 'social life' and sociality in mediating insect (and other arthropods) responses to changing environments.

We look forward to your submissions.

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