



Insects Ecology and Biocontrol Applications

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Message from the Guest Editors

Dear Colleagues,

Insects are among the most important classes of metazoans on earth in terms of diversity and biomass. There is an accumulation of recent studies revealing that global changes (e.g., climate change, broad-spectrum pesticides, and the spread of invasive species) have strongly endangered their biodiversity. In this context, the development of alternative pest control strategies (at the agronomic or human health level) that are both efficient and preserve the ecosystems is a priority. To be efficiently and safely developed, such strategies often need a strong theoretical and basic knowledge of the ecology of biological agents and the insects with which they interact. This Special Issue will particularly offer a place to recent investigations that will bring together research in insect ecology with a key focus on how it would help to discover, empower, or improve biocontrol strategies. We will consider all investigations with expertise in symbiotic interactions, interspecific interactions, population biology, computational biology, ecotoxicology, ecophysiology, environmental biochemistry, behavioral biology, and conservation.

