

## Special Issue

# The Outlook of Insect Study for Generation of New Approaches in Science and Practice

### Message from the Guest Editors

Insect studies can last hundreds of years. They were initially related to new recourses of food, cloth, and constructional material surveys, and have since focussed on the diversity cognition of forms and adaptive strategies relating to the different environmental conditions for insects. Over the past few years, the phylogenetic tree has been systemised and implemented to develop the historical evolution theory of the biosphere and understand the close interrelation between all elements of ecosystems, with a specific focus on insects. Technical advancements have spurred the digitalisation of various study methods, allowing for extended insect studies. Electronic microscopy provided insight into the fine structures of cells and tissues, new methods in molecular study afforded additional evidence on the construction of natural systems, and tomography drew attention to the remains of fossil insects and described ancient forms. New potentialities, inherent in the current insect study, have facilitated new approaches in the generation of our scientific knowledge, and their further implementation has improved real economic practice.

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## Insects

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