Topical Collection

Insects in Mountain Ecosystems

Message from the Collection Editors

The broad-scale features of mountain ecosystems are tied to the morphology of the relief because temperature variation with elevation is one of the main factors driving the adaptation of living organisms to mountain environments. These and other features make mountains the ideal place to study altitude-for-latitude ecosystem variations, or even altitude-for-succession (i.e., time) gradients. Vegetation and soil layers are dominated by complex communities of invertebrates, even in the extreme environments of high altitudes, where the last chance of survival is given to species contracting their geographical range as a consequence of climate change. Studies of mountain insects have focused on several subjects, including abundance relationships among species as well as zoogeography, phenotypic plasticity, man-made disturbance. This Special Issue will broadly address studies on insects in mountain ecosystems across all relevant disciplines, and, in this context, submissions in the form of reviews and original basic or applied research are welcome.

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Insects

an Open Access Journal by MDPI

Impact Factor 2.9
CiteScore 5.6
Indexed in PubMed

mdpi.com/si/43737

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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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