Special Issue

Adaptation of Living Species to Environmental Stress

Message from the Guest Editors

Environmental stress has played a crucial role in the evolution of living organisms, highlighting the critical interaction between organisms and their environments. Both abiotic and biotic stressors force species to continuously adapt and evolve. For instance, terrestrial ecosystems confront heightened frequencies and intensities of extreme events, such as droughts and wildfires. Climate change intensifies these challenges, aggravated by factors such as habitat fragmentation and invasive species, precipitating profound and irreversible ecological shifts at local and global levels, and jeopardizing environmental, socio-economic and cultural integrity. Recently, the surge in urbanization has introduced additional environmental stressors for living organisms, including sound waves emitted by industrial machinery or vehicles.

We warmly welcome researchers to contribute papers or reviews that explore various aspects of the adaptation of species to environmental stress.

Guest Editors

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A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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