

Special Issue

Diversity in Extreme Environments

Message from the Guest Editor

Diversity is one of the main challenging topics feeding scientific discussions on the different life strategies that living organisms evolved to survive in a given ecosystem. Particularly, when colonization and survival are driven by strong selective pressures, species diversity is one of the parameters mirroring the resistance vs. resilience of living organisms in such environments characterized by extreme life conditions.

Environments with extreme life conditions are usually called extreme environments, and they not only include evident highly extreme conditions, such as life on Mars or Antarctica, but also a city, tundra ecosystem, agricultural landscape, or even road roundabout, gut microbiota, and green roofs, which are also extreme environments.

The Special Issue "Diversity in Extreme Environments" aims to provide an ideal arena for hosting and discussing the scientific results of research conducted in extreme environments at different scales of biological complexity, both at the molecular, organismic, and biological community level; in this context, submissions, including reviews and original basic or applied research, are welcome.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Diversity (ISSN 1424-2818) is a scholarly journal that covers all areas of diversity research. Our distinguished editorial board and refereeing process ensures the highest degree of scientific rigor for publishing. Original research articles and timely reviews are released online, with unlimited free access.

We invite papers and reviews on multidisciplinary topics of diversity that bridge organismic diversity (systematics, biodiversity, phylogeny, population genetics, and evolution) and molecular diversity (phytochemistry and biophysics).

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).