



diversity

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Microbial Diversity on Islands: Cosmopolitanism and Endemism

Guest Editors:

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Deadline for manuscript
submissions:

closed (30 April 2024)

Message from the Guest Editors

Contrary to the considerable knowledge on the island biogeography of higher organisms, the distribution of microorganisms within and among islands is poorly known. The study of microbial diversity in islands is of the highest importance, as it will contribute to the knowledge of global biodiversity and to the ongoing debate on the biogeography of microorganisms. Furthermore, many microorganisms have emerged as promising sources of metabolites with applications in pharmaceuticals, nutraceuticals, agriculture, and energy, among others.

In this Special Issue, we invite researchers to contribute papers (articles, reviews, or communications) on the diversity, ecology, biogeography, genetics, and/or biotechnology of microorganisms, especially cyanobacteria, microalgae, heterotrophic protists, and fungi, highlighting the biodiversity within insular environments and their potential as genetic and secondary metabolite resources.

Keywords

- cyanobacteria/microalgae/fungi
- biodiversity
- biogeography
- ecology
- conservation
- taxonomy
- molecular systematics
- biotechnology



mdpi.com/si/149421

Special Issue



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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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