

Special Issue

Geomicrobiology: Latest Advances and Prospects

Message from the Guest Editors

Geomicrobiology is the study of the role of microbes in the geosphere, and encompasses the interaction of microbial life with the Earth. The aim of this Special Issue on “Geomicrobiology: Latest Advances and Prospects” is to provide a collection of innovative contributions that focus on current research, new methodologies, and recent advances in the field. We invite researchers to contribute original research articles as well as review articles that discuss the new trends regarding innovative geomicrobiological approaches. The keywords below are not meant to be limiting at all, and we will consider geomicrobiology in its widest sense in this Special Issue.

- geomicrobiology of the deep biosphere
- geomicrobiology of extreme environments
- geomicrobiology of the built environment
- microbe–mineral interactions
- microbialites formation
- biomineralization
- bioleaching
- biomining and bioremediation
- aquatic geomicrobiology
- biogeochemical cycles
- microbial origins of life

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Deadline for manuscript submissions

closed (20 January 2025)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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