

# THEMATIC ISSUE ON Polar and Alpine Microbiology

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*FEMS Microbiology Ecology* invites submissions to a special issue on the ecology of microbes in cold environments to coincide with the Seventh International Conference on Polar and Alpine Microbiology taking place on 8-12 September 2017 in Nuuk, the capital of Greenland. For more information on the conference visit **pam2017.org**.

This thematic issue will focus on the roles of microorganisms in the warming cryosphere. Microorganisms, representing all three domains of life, are dominant in these cold environments that span from the Arctic to the Antarctic, from high mountain-range environments to the deep ocean, and include permafrost, marine sediments, sea- and glacial ice, and snow. There is thus considerable interest in understanding the roles of microbes in the rapidly changing polar and alpine environments, their metabolic diversity and adaptations, and the ecological interactions of communities active in these habitats. High altitude and high latitude regions on Earth are experiencing rapid changes in climate, with impacts on biogeochemical cycles and environmental change. Knowledge of the distribution, biodiversity and functional roles of microorganisms inhabiting polar and alpine environments is essential to our understanding of ecosystem processes in a changing climate.

All submitted papers should be complete and adequately supported by original experimental work leading to significant advances; they should not be preliminary versions of communications to be published elsewhere. Prospective Authors for MiniReviews/Perspective/Opinion articles should contact Editors in advance.

All manuscripts will undergo regular review by members of the Editorial Board and other appropriate experts.



For instructions on submitting a manuscript please see the *FEMS Microbiology Ecology* journal page:

**[academic.oup.com/femsec](http://academic.oup.com/femsec)**

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