

SPECIAL THEMATIC ISSUE ON POLAR AND ALPINE MICROBIOLOGY

Editors: **Josef Elster, Rosa Magesin, Dirk Wagner and Max Häggblom**

FEMS Microbiology Ecology invites submissions to a special issue on the ecology of microbes in cold environments to coincide with the Sixth International Conference on Polar and Alpine Microbiology taking place September 6 to 10, 2015 in České Budějovice, Czech Republic. For more information on the conference visit polaralpinemicrobiology2015.pf.jcu.cz

This thematic issue will focus on the microbial ecology of Earth's cryobiosphere. Microorganisms, representing of all three domains of life, have successfully colonized these cold environments that span from the Arctic to the Antarctic, from high mountain-range environments to the deep ocean, and include permafrost soils, marine sediments, sea and glacial ice. There is thus considerable interest in understanding the adaptations and activities of these microorganisms, as well as 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. Clearly, 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.

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