

Special issue of *Environmental Science and Pollution Research*

“Microbial Ecotoxicology”

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Microbial ecotoxicology aims at investigating the impact of human activities on the diversity, abundance and activity of microorganisms in the different compartments of the environment. In return, the results of such investigations hold the promise to provide novel ways of assessing the impacts of diverse anthropogenic disturbances and subsequent ecosystem responses.

This special issue welcomes the most recent developments, researches and ideas in microbial ecotoxicology, with no restriction of the ecosystem studied. Potential topics include, but are not limited to:

- microbial bioassays, biomarkers, bioindicators and biosensors for environmental biomonitoring
- adaptation and resilience of microbial communities to anthropogenic stresses
- bioremediation and biodegradation of contaminants
- relative influence of pollutants, biotic and abiotic factors on microbial communities in the context of multiple stresses and contaminations



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