



Toxic Microorganisms on Ecosystems: Current Concerns and Expansion

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Message from the Guest Editor

Toxic microorganisms on human disease agents occur in ecosystems possessing natural sources of prokaryotes biodiversity. Epidemiological and toxicological spurs aim to provide a mechanism for tackling ecosystem infections and intoxications. The use of a risk assessment to uncover hazards and risks, along with providing control measures for mitigating the impact of toxic microorganisms on ecosystems, may underpin a new strategy for understanding their occurrence. Namely, investigations into on freshwater and on coastal ecosystems, currently a source of exposure given increasing human demands, reporting toxic microorganisms may shed a light on the role on environments in their occurrence. All sciences, as well as a polyphasic approach, may help to mitigate toxic microorganisms' occurrences, in particular those of pathogenic bacteria, toxic cyanobacteria or viruses. Studies on toxic microorganisms on ecosystems and on global changes may help to understand disequilibria of ecosystems and mitigate human-related environmental diseases.





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Message from the Editor-in-Chief

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