Special Issue

Microbial Food Webs

Message from the Guest Editor

A microbial food web is an integrative component of the ecosystems in both pelagic and benthic zones, including both marine and freshwater habitats. Organisms that constitute the microbial food web include grazers such as ciliates and flagellates, small autotrophic protists and autotrophic and heterotrophic prokaryotes. In recent years, due to the development of observing technology and omics, knowledge of microbial food webs is exploding. In this Special Issue on microbial food webs, we encourage the submission of manuscripts in the scope of taxonomy, abundance and comparative studies of these organisms. Experimental work, field investigations and modelling studies are equally welcome. Insights about the influence of the global changes are especially valued. If possible, some efforts of alleviating global warming using microbial food webs will be discussed in this Special Issue. New technologies in microbial food web research could be introduced.

Guest Editor

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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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