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Applications in Environmental Micropaleontology

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Message from the Guest Editors

Dear Colleagues,

Environmental micropaleontology is an applied field within geobiology dealing with the use of microorganisms in identifying and interpreting environmental changes in space and time, whether caused by natural causes or human intervention. Consequently, studies are largely focused on the assessment of the environmental health of these ecosystems and the potential of using micropaleontological assemblages in environmental monitoring along with recording the impact of climate change.

This Special Issue aims to present the state of the art and cutting-edge developments in environmental micropaleontology, helping to inform conservation strategies aimed at mitigating climate change consequences and protecting ecosystem biodiversity. Topics may include the following topic: microfossils as indices of environmental/climate change; micropaleontology in environmental monitoring; the impact of climate change on freshwater and marine waterbodies, the carbon cycle, and sea level change; assessing human intervention/pollution on aquatic ecosystems; biological invasions due to climate change; primary calcifiers and ocean acidification; microfossils in minimum oxygen zones.

Special Issue



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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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