Special Issue

The Response of the Plankton Community to Environmental Stress

Message from the Guest Editors

Plankton communities are extremely sensitive to environmental change, responding not only through their quantity but community composition, as well. In order to understand global biochemical cycles and predict the global environmental change-driven alterations to them, it is necessary to understand patterns in community structure and productivity of major planktonic groups. This Special Issue calls for new insights into the response of the plankton community to environmental stressors. Contributions may include investigations of marine and freshwater ecosystems. Multiple environmental stressors pose significant challenge to time scales which are appropriate to the response of plankton community. A variety of natural archives preserves indirect records of past environmental and ecological changes. Paleolimnological approaches are also welcomed. Topics of interest include but are not limited to the following:

- Relations between plankton diversity and ecological functions;
- Response of plankton diversity and ecological functions to environmental stressors;
- Contribution of the plankton community to changes in biogeochemical cycles.

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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.

Editor-in-Chief

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