



## **Phytoplankton Dynamics and Biogeochemistry of Marine Ecosystems**

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submissions:

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### **Message from the Guest Editor**

Dear Colleagues,<false,>The ocean plays an important role in the formation of the planet's climate due to the functioning of the biological carbon pump (BCP), which is based on the primary production of the ecosystem. The composition of phytoplankton and its growth rate determines the type and intensity of the functioning of the BCP. The growth rate of phytoplankton depends on abiotic factors, among which the nutrient concentration is fundamental. Thus, there is a close relationship between phytoplankton and ocean biogeochemistry, and this relationship manifests itself both in seasonal dynamics and in long-term trends. It is obvious that without understanding the relationship between phytoplankton dynamics and ocean biogeochemistry, it is impossible to predict future climate change. This SI is devoted to the important topic "Phytoplankton dynamics and biogeochemistry of marine ecosystems" and we invite researchers to post their original or review articles in it.





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## Message from the Editor-in-Chief

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