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Carbon Dynamics in Coastal and Deep Ocean

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Message from the Guest Editors

Dear Colleagues,

Marine carbon cycle is an extremely important part of the global carbon cycle and is at the core of marine sciences. The study of carbon dynamics is crucial to understanding the marine carbon cycle. The dynamic processes of carbon in the ocean involves the dynamic change and mutual transformation of different forms and states of carbon. From air–sea interface to sediments, from coastal waters to deep oceans, these processes are always in progress. Our understanding of the distribution and flux of organic and inorganic carbon in different forms and states is extensive and in-depth, but our understanding of their dynamic processes in marine environments still needs to be deepened and strengthened.

The aim of this Special Issue is to gather insightful contributions on carbon dynamics in coastal and deep ocean. We encourage researchers and practitioners from academia, industry, aquaculture etc. to submit their work and views so that a broad contribution can be delivered to the community on this hot and urgent topic.

Prof. Dr. Haibing Ding
Prof. Dr. Xiaozhen Mou
Guest Editors



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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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