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## Marine Carbon Systems: Dynamics, Conservation, and Management

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Deadline for manuscript  
submissions:

**closed (29 September 2023)**

### **Message from the Guest Editors**

Dear Colleagues,

The carbon sequestration potential of the open ocean and coastal vegetated marine ecosystems was realized long ago as a promising avenue to combat climate change. Coastal vegetated carbon stock plays a crucial role in alleviating the ever-increasing atmospheric CO<sub>2</sub> and CH<sub>4</sub> load emitted through a plethora of anthropogenic activities. Conservation of marine ecosystems to enhance the carbon sequestration potential of natural and artificial marine ecosystems, including mangroves, seagrasses, salt marshes, lagoons, aquaculture ponds, and many other land use/land cover classes has been prioritized on a nationwide scale in many countries.

The present Special Issue of Life invites papers from this vast spectrum of topics that essentially includes marine carbon as the focal theme. We welcome submissions from any allied field that deal with the dynamics, conservation, and management of marine carbon and marine ecosystems, including coastal and open sea regions. The primary aim of this Special Issue is to collate cutting-edge research that can showcase marine carbon as a tool to alleviate global climate change.

Dr. Anirban Akhand

Dr. Abhra Chanda

Guest Editors



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**Special** *Issue*



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## Message from the Editor-in-Chief

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