



Blue Carbon Dynamic in the Coastal Wetlands

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Deadline for manuscript
submissions:

closed (31 October 2022)

Message from the Guest Editors

Coastal blue carbon, especially that found in mangrove forests, seagrass meadows, and tidal marshes, is a crucial component in marine carbon sink reservoirs. These fragile ecosystems are located in the transitional areas between the sea and land, and are therefore profoundly affected by natural environmental changes and human activities, resulting in habitat degradation, fragmentation, loss of biodiversity, and reduced ecosystem functions. Thus, it is urgent that we increase efforts towards the restoration and conservation of coastal blue carbon. For this purpose, we are inviting researchers to submit articles that advance our understanding of coastal blue carbon ecosystems, including approaches considering their distribution, area, health, protection status and biogeochemical processes.

Themes:

The classification, protection, and repair of blue carbon environments.

Biogeochemical processes of blue carbon.

The role of blue carbon in climate change mitigation and adaptation.

Future of blue carbon: new ideas, new services, and new models.





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Message from the Editor-in-Chief

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