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Carbon Storage, Accumulation, Decomposition and Emission in Mangroves

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Deadline for manuscript submissions:
closed (31 December 2021)

Message from the Guest Editors

There is a growing need to reach the target of carbon neutrality around the world. Mangroves are known to be highly efficient in sequestering carbon dioxide from the atmosphere and accumulating carbon in sediments for millennia.

Currently, both challenges and opportunities exist for mangroves as natural mitigation alternatives for climate change. Though mangroves are still lost and/or degraded due to anthropogenic activities (such as deforestation, land use change, pollution, and human-induced species invasion) and climate change (such as sea level rise and extreme weather events), mangrove reforestation and rehabilitation have been launched in many countries over the world. However, we still have limited knowledge regarding how global changes will regulate carbon cycling processes in mangroves.

This Special Issue aims to discuss carbon storage, accumulation, decomposition, and emissions in mangroves in a changing world. We invite you to contribute to this issue by submitting research articles, reviews, communications, and concept papers pertaining to the topics.

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Message from the Editor-in-Chief

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