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Climate Change Impacts on the Ecosystem Functions and Services of Mangrove Forests

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Message from the Guest Editors

Dear Colleagues,

Mangroves are both economically and ecologically important, covering 70% of the tropical and subtropical sheltered coastlines. They provide many critical ecological functions and ecosystem services. However, mangroves have been extensively eliminated by human-induced habitat destruction and deforestation, inland hydrological alteration, and pollution in recent decades. If such exploitation of mangroves is uncontrolled, it will result in rapid decrease in abundance and diversity of mangroves and subsequently leading to permanent loss in biodiversity and many ecosystem services. Clearly, there is a pressing need for effective conservation, restoration and management of mangrove ecosystems for the battle against climate change and the sustainable future of nature and humans. We encourage studies from all fields, including experimental studies, monitoring approaches and models, to contribute to this Special Issue in order to promote knowledge and adaptation strategies for the preservation, management, and future development of mangrove forest ecosystems.

Prof. Dr. Chih-Yu Chiu
Prof. Dr. Hsing-Juh Lin
Guest Editors



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