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Microbiome in Mangrove Substratum

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Message from the Guest Editor

In this Special Issue we seek to bring together scientists from the Global South and North investigating the structure and functions of mangrove microbiomes that have colonized substrata such as soil; the interaction between microbiome and mangrove vegetation in soil; the role of microbiome in the stabilization of mangrove soil; interaction between microbiome and mangrove vegetation as a substratum (e.g., pneumatophores); the biological complexity of mangrove microbiome in soil or sediment, including their potential role in benthic–pelagic coupling along intertidal zones; the importance of microbiome, including microeukaryotes, in shaping the geochemistry of soil or sediment substrata or in sediment porewater; as well as the role of microbiome in improving soil health and mangrove restoration. Contributions or perspectives that emphasize the nexus between mangrove microbiome, blue carbon and blue economy are particularly welcome for this Special Issue.



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Special Issue



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