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Biodiversity of Freshwater and Marine Ecosystems in Tropical Asia

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Message from the Guest Editor

The study of biodiversity is still one of the most important topics in biology. The ecosystems of tropical regions are considered to be among the richest in species and most complex in structure. Tropical Asia includes several very important biodiversity hotspots, associated with tropical forests, mountain systems, wetlands, coral reefs, and islands. However, this region is still poorly studied. This is true for aquatic ecosystems. Gaps in their study are associated both with the general paucity of studies devoted to the study of the structure and functioning of such ecosystems, and the very poor knowledge of the diversity of aquatic organisms. This is true for both freshwater and marine ecosystems in tropical Asia. Another important problem in the region is the excessive anthropogenic pressure on ecosystems, which leads to the reduction and disappearance of natural communities and their replacement by agricultural or urbanized elements. In order to avoid the destruction of unique ecosystems and organize their protection, it is necessary to intensify biodiversity research and the publication of these results.



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Special issue



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