



Challenges and Solutions for Sustainable Biodiversity and the Conservation of Aquatic and Water-Dependent Habitats

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Message from the Guest Editors

This Special Issue aims to showcase research and activities addressing these global challenges. The increasing human population, deforestation, and man-made climate change are likely to exacerbate the negative trends in freshwater ecosystems and species endangerment. Consequently, the biodiversity of freshwater communities continues to dwindle at an alarming rate. However, this particular topic lacks sufficient attention from conservation ecologists and policymakers, resulting in a dearth of data and comprehensive reviews on freshwater biodiversity, specifically. Despite the widespread awareness of risks to freshwater biodiversity, organized action to reverse this decline has been lacking. Actions must take the form of nature-based solutions, which refer to efforts to protect, sustainably manage, and restore natural or modified aquatic and water-dependent habitats to effectively and adaptively cope with societal challenges such as climate change, while also benefiting human well-being and biodiversity.





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