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Special Issue Reprint

# Impact of Environmental Factors on Aquatic Ecosystem

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This Reprint presents a collection of 13 articles from the *Water* Special Issue 'Impact of Environmental Factors on Aquatic Ecosystem,' which explores the complex interactions between environmental stressors and aquatic ecosystem health. The featured studies investigate a broad range of topics, including hydrological and morphological influences on river and reservoir ecosystems, pollution sources and remediation strategies, biomonitoring and ecological health assessment, eutrophication and algal community dynamics, and the application of advanced technologies such as remote sensing and modeling. Key findings emphasize the importance of balanced hydrological management, the effectiveness of hybrid remediation approaches, the value of biomonitoring tools for early stress detection, and the critical role of interdisciplinary methods in ecosystem assessment. Together, these contributions advance our understanding of aquatic ecosystem resilience and provide a scientific foundation for sustainable water resource management.

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