



water



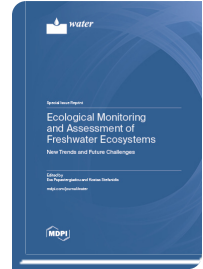
Special Issue Reprint

Ecological Monitoring and Assessment of Freshwater Ecosystems: New Trends and Future Challenges

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Within the broad framework of “Ecological Monitoring and Assessment of Freshwaters”, this Special Issue aims to highlight new research findings and significant advances concerning all aspects of bio assessment and aquatic ecosystem processes. Emphasis was given to contributions that explore the dynamics and functioning of freshwater ecosystems, develop new methods for monitoring and assessing ecological quality, investigate the use of biotic metrics or indices, consider environmental DNA methods, include experimental studies, and promote the use of modelling approaches. We believe that this reprint of “Ecological Monitoring and Assessment of Freshwater Ecosystems: New Trends and Future Challenges”, will offer readers comprehensive and in-depth knowledge, thereby promoting further research in the field of freshwater monitoring and assessment of ecological quality. This collection of twelve original articles, accepted for publication from four continents of the world (Europe, North America, Africa, and Asia), expands our current knowledge on various topics, including the use of freshwater biota as indicators of environmental change, the application of models for predicting biological parameters, and the use of eDNA methods for monitoring invasive species.



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