



Freshwater Resources and Ecosystems in the Anthropocene: Challenges for a Sustainable Management

Guest Editors:

Dr. Konstantinos Stefanidis

Hellenic Centre for Marine Research, Institute of Marine Biological Resources, and Inland Waters, Anavissos, Greece

Dr. Elias Dimitriou

Institute of Marine Biological Resources and Inland Waters, Hellenic Centre for Marine Research, 19013 Anavyssos, Greece

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Message from the Guest Editors

In this new era, freshwater ecosystems are greatly exposed to risk as anthropogenic activity continuously promotes the alteration of hydrological regimes. Given the anticipated impacts of climate and land-use changes on the global water resources, it is apparent that anthropogenic pressure on freshwaters will increase in the next few years, which increases the need to adapt current freshwater management and/or create new schemes that will ensure a sustainable use of freshwater resources.

This Special Issue welcomes innovative research studies from various disciplines that focus on the impact of anthropogenic disturbances on freshwater ecosystems and resources in the scope of sustainable water management.

- Climate change impacts on freshwater ecosystem functions and services
- The effects of catchment landscape and land-use changes on the water quality, quantity, and availability of water resources
- Modeling the responses of freshwater ecosystems to scenarios of global change and future management
- New tools and methods for monitoring and quantifying the impacts of anthropogenic changes on freshwaters





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Prof. Dr. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
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