



Eutrophication Management and Ecological Restoration of Waterbodies

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Deadline for manuscript
submissions:
closed (15 October 2023)

Message from the Guest Editors

Dear Colleagues,

Eutrophication has been a worldwide problem deteriorating water quality and destroying the aquatic ecosystems. Many factors, such as nutrients, temperature, and light, can impact the phytoplankton biomass in waterbodies. Climate change makes eutrophication management more challenging. Identifying key processes of eutrophication is, thereby, essential for effective management. Watershed pollution control and the ecological restoration of waterbodies are two effective ways to curb eutrophication. To further advance studies on eutrophication management, we launch this Special Issue in *IJERPH*.

We welcome studies relating to eutrophication management and the ecological restoration of all the waterbodies, including (but not limited to) the following topics:

- Identify key processes/drivers to eutrophication of a waterbody.
- Estimate external/internal nutrient loading.
- Apply mechanism or data-driven models for water quality forecast and early warning.
- Emphasize the importance of ecological restoration.
- Reveal the impacts of climate change on eutrophication.
- Propose effective eutrophication management strategies.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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