

## Special Issue

# Innovative Approaches for Monitoring Water Quality and Environmental Health

### Message from the Guest Editors

Researching innovative approaches to monitoring water quality and environmental health is crucial given the current challenges terrestrial water ecosystems face. Rivers such as the Ganges in India and the Yangtze in China are heavily polluted due to industrial discharge, agricultural runoff, and untreated sewage, and this pollution degrades water quality and negatively impacts aquatic life and the surrounding environments. Similarly, lakes like Lake Victoria in Africa and Lake Erie in North America are experiencing eutrophication due to excess nutrients from agricultural runoff and wastewater, which leads to harmful algal blooms that deplete oxygen in the water and damage aquatic life and ecosystem health. Stormwater runoff, pollutants, and habitat modification impact wetlands and urban streams and innovative approaches need to provide timely, accurate, and cost-effective monitoring data to plan, manage, and assess alternative control measures.

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### Guest Editors

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Dr. Mohammad Reza Nikoo

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### Deadline for manuscript submissions

closed (31 December 2025)



## Sustainability

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