



Application of Modeling and Assessment in Sustainable Water Quality Management

Guest Editor:

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Deadline for manuscript
submissions:

closed (29 February 2024)

Message from the Guest Editor

This Special Issue focuses on cutting-edge research on the modeling, optimization, analysis, methodologies, and practical applications of wastewater treatment, water resources, and sustainable systems. It seeks to provide a platform to share cutting-edge findings and promote smart water treatment and sustainable systems.

Research areas may include (but are not limited to) the following:

- Assessing and interpreting global energy emissions.
- Current advancements and anticipated developments in sustainable water quality monitoring and assessment technologies.
- Sustainable technology for water quality measurement and monitoring.
- Multi-objective optimization analyses energy, environmental, and economic impacts.
- Environmental sustainability and the rapid digitalization.
- Role of IoT, AI, and big data in water quality assessment, design, and monitoring.
- Automation, optimization, or sustainability of wastewater treatment facilities.
- Waste reuse techniques and strategies that are progressive and innovative.

I look forward to receiving your contributions.





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Editor-in-Chief

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Message from the Editor-in-Chief

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