

Special Issue

Advanced Water Monitoring and Treatment Technologies

Message from the Guest Editors

Water monitoring and treatment technologies play pivotal roles in guaranteeing water safety and fostering sustainable development. The evolution of monitoring strategies and treatment technologies (e.g., the monitoring of water environments, the removal of contaminants, the integration of diverse treatment processes in water treatment, etc.) has driven innovation and optimization across various facets of water management. This Special Issue titled “Advanced Water Monitoring and Treatment Technologies” seeks novel and high-impact research pieces with particular interests in the monitoring of water environments, the removal of contaminants from water, and highly effective water treatment integration systems using more ecological and systematic approaches. Topics of interest include, but are not limited to, the following:

- Water environmental monitoring and early warning systems.
- Aquatic ecological survey and assessment.
- Emerging materials and technologies for heavy metal removal.
- Advanced adsorption and separation processes for emerging pollutants.
- Developments in technologies and integrated processes of sediment and contaminated water.

Guest Editors

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