



## Advances in Watershed Water Treatment Technology

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Deadline for manuscript submissions:

**closed (15 June 2023)**

### Message from the Guest Editors

With population and development pressures leading to the rapid modification of watershed lands, valuable hydrological services are being lost, which poses risks to the quality and cost of drinking water and the reliability of water supplies. Advanced technologies such as constructed wetlands and rainwater bioretention facilities provide strong technical support for carrying capacity improvement, water environment quality improvement, ecological water demand guarantee, river and lake ecosystem function restoration, and ecosystem integrity improvement.

The Special Issue will provide an overview of the most recent advances in the field of watershed water treatment. Scopes may include but are not limited to, the following:

- Carbon, nitrogen, and phosphorus transformation in the watershed water environment;
- Development and application of advanced technologies in the treatment of watershed water;
- Microbial physiological and ecological effects in rivers and lakes;
- Migration and transformation of emerging pollutants in the Watershed water environment;
- Greenhouse gas emissions in the watershed water environment;
- Pathogenic bacteria in the watershed water environment.





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