

## Special Issue

# Advances in Watershed Water Treatment Technology

### 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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### Guest Editors

Dr. Cheng Cheng

Dr. Li Jiang

Dr. Yina Zou

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### Deadline for manuscript submissions

closed (15 June 2023)



## Sustainability

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*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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## Message from the Editor-in-Chief

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

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