## **Special Issue**

# Biological Nitrogen Removal in the Multi-Omics Era: Coupling Anammox with Microbial-Mineral Synergy

## Message from the Guest Editors

We welcome submissions addressing (but not limited to) the following research areas:

- Mechanistic exploration of microbial nitrogen transformation:
- Applications of autotrophic nitrogen removal and anammox processes;
- Engineering optimization of aerobic granular sludge systems;
- Discovery of novel nitrogen-cycling microbial resources:
- Multi-omics analysis of nitrogen metabolism processes:
- Microbial-mineral interactions in nitrogen removal;
- Bioengineering strategies for system optimization;
- Practical applications and control strategies in wastewater treatment engineering;
- Detection, removal, and water quality assurance technologies for emerging pollutants.

Submit your paper here:

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#### **Guest Editors**

Dr. Zhaoming Zheng

Dr. Xiaoxia Wang

Dr. Yuanyuan Miao

## Deadline for manuscript submissions

10 May 2026



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