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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Deadline for manuscript submissions

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In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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