



Nitrogen Removal and Nitrous Oxide Emission in Wastewater Treatment

Guest Editors:

Dr. Guoqiang Liu

Prof. Dr. Xin Zhou

Dr. Liang Zhang

Deadline for manuscript
submissions:

closed (31 July 2022)

Message from the Guest Editors

Nitrogen removal from wastewater is very important for water environment protection, and many countries and areas are enhancing nitrogen removal requirements. [This Special Issue](#) welcomes scientific contributions that will enhance the knowledge in research and applications in the field of nitrogen removal and nitrous oxide emission in wastewater treatment. Specifically, submissions may include, but are not limited to one of the following issues:

1. Novel pathways and microbes for nitrogen transformation in wastewater treatment;
2. The kinetics and nitrifiers in extreme environments, e.g., low dissolved oxygen and acidic environments;
3. Novel nitrogen removal processes for wastewater treatment;
4. Emission mechanisms and control strategies of nitrous oxide during wastewater treatment;
5. Novel bioreactors for enhanced nitrogen removal.





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Dr. Jean-Luc PROBST

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

Message from the Editor-in-Chief

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.

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Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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