



water



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Removal of Emerging Pollutants, Antibiotics and Antibiotic Resistance Genes in Water

Guest Editors:

Dr. Yijing Shi

School of Environment, South
China Normal University,
University Town, Guangzhou
510006, China

Dr. Yanyan Jia

School of Ecology, Sun Yat-sen
University, Guangzhou 510275,
China

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Message from the Guest Editors

Dear Colleagues,

Emerging pollutants, antibiotics, and antibiotic resistance genes (ARGs) have been frequently detected in different aquatic environments, posing a potential risk to the ecosystem and public health. Properly designed and operated water treatment processes can serve as effective final barriers for reducing the quantity of emerging pollutants/antibiotics/ARGs discharged into the environment. To control the propagation of antimicrobial resistance in the environment, it is essential to comprehensively understand the elimination and inactivation of emerging pollutants/antibiotics/ARGs by various water treatment processes.

This Special Issue, titled “Removal of Emerging Pollutants, Antibiotics and Antibiotic Resistance Genes in Water”, aims to present novel and efficient removal technologies for emerging pollutants, antibiotics, or ARGs from wastewater or drinking water and to elucidate the potential mechanisms of various water treatment processes to help to achieve the Sustainable Development Goals.



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Special Issue



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Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology
and Environment, Centre
National de la Recherche
Scientifique (CNRS), University of
Toulouse, Campus ENSAT,
Auzeville Tolosane, 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, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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