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Removal of Aqueous Emerging Contaminants through Photodegradation and (Photo)catalysis

Guest Editors:

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Deadline for manuscript submissions:
closed (16 November 2023)

Message from the Guest Editors

Dear Colleagues,

Quality of water is an importance attribute in the water industry. Contaminants with known or unknown health effects, once produced, will find their ways to enter aquatic environments. Their occurrence, fates and behaviors in water environments, and potential impacts have been receiving considerable attention from researchers, practitioners and regulators worldwide. Nonetheless, sustainable control strategies for contaminants in water and wastewater still remain a challenge in today's water industry. Nowadays, most of the treatment technologies in water and wastewater field require considerable energy and chemicals to remove the emerging contaminants. Greener approaches such as photolysis or (photo)catalysis, which make use of various light sources and catalysts for decomposition or degradation of emerging contaminants (including inorganic, organic and microbial contaminants) are gaining more and more attentions[...].

For further reading, please follow the link to the Special Issue Website at:

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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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