

Special Issue

Advancement of Advanced Oxidation Processes (AOPs) for Water and Wastewater Treatment and Water Reuse

Message from the Guest Editors

Water and wastewater contain varying levels of recalcitrant and potentially toxic organic compounds, which necessitates effective treatment prior to final disposal or reuse. At present, advanced oxidation processes (AOPs) have gained considerable attention from water professionals due to their ability to rapidly and effectively remove organics, especially emerging organic contaminants, and transform them into harmless products. In view of the above observation, this Special Issue will focus on manuscripts (research papers, reviews, short communications) related to the research and development, policy, implementation, and management of AOPs for organics removal in water and wastewater treatment as well as in water reuse. Manuscripts in this Special Issue are expected to interpret the results of water quality and cost analyses of AOP studies within the context of organic pollutant removal and control by evaluating issues such as treatment performance, novel materials and process development, transformation products and pathways, cost-effectiveness analysis, and any other potential impacts in water and wastewater management.

Guest Editors

Prof. Dr. Jiangyong Hu

Prof. Dr. Say Leong Ong

Dr. Yu-Jung Liu

Prof. Dr. Wenjun Sun

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Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

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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.

Editor-in-Chief

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

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