Special Issue

Advanced Engineering Design of Wastewater Treatment

Message from the Guest Editors

Recently, researchers have focused on different types of engineering of wastewater treatment with cleaner water, lower cost, fewer carbon emissions or easier maintenance. This Special Issue welcomes contributions on novel engineering designs that effectively treat wastewater, including materials, technologies, processes, data analytics. This topic in the field of wastewater treatment involves physical, chemical and biological methods with an emphasis on engineering design, such as aerobic, anaerobic, electrochemical, membrane-based and physical-chemical designs. We also welcome original research papers and reviews on all aspects of the relationship between engineering and wastewater. Innovative advancements that upgrade lab-based discovery to field-based applications will be of particular interest. Papers containing engineering principles that are integrated with knowledge from other disciplines are also welcome. Environmental materials and technologies for monitoring, sensing, assessing environmental contaminants, and cleaner sustainable processes are encouraged. For more details, please find at:
https://www.mdpi.com/journal/water/special_issues/ZB48L6782D

Guest Editors

Dr. Jinlong Wang

State Key Laboratory of Urban Water Resource and Environment (SKLUWRE), School of Environment, Harbin Institute of Technology, Harbin 150090, China

Dr. Xiaobin Tang

School of Environment, Harbin Institute of Technology, Harbin, China

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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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