# Special Issue

# Interface and Process in Physicochemical Treatment for Water Purification

## Message from the Guest Editors

There is a broad application of physicochemical technologies for water and wastewater treatment, including adsorption, coagulation, photo/electrocatalytic process, catalytic oxidation/reduction, etc. In the physicochemical treatment, the investigation of the transfer and transformation rule, reaction mechanism and interaction process of typical pollutants at water–solid, solid–solid and water–gas–solid multiphase interfaces are very important for understanding the mechanism and influence of multi-interface processes on water quality change. The new methods for qualitative and quantitative characterization of micro-interfaces under complex conditions, and in situ characterization of the interface processes are under continuous development. The migration and transformation rules and regulation principles of pollutants in heterogeneous reaction processes, such as adsorption/desorption, oxidation/reduction, coagulation/flocculation and photo/electrocatalytic processes[...]. For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/1KO73LGB1R

## Guest Editors

Dr. Ran Mao

Dr. Ziyang Zhang

Dr. Shichao Tian

## Deadline for manuscript submissions

closed (24 March 2024)

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mdpi.com/si/166453

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

mdpi.com/journal/water

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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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