Special Issue

Nanoparticles for Environmental Risk Reduction in Water and Wastewater

Message from the Guest Editors

In the last decade, different structured nanoparticles are synthesized, and the search for novel nanoparticles has rocketed up, which is partially explained by the increasingly demanding standards and discharge limits imposed by legislation, the recognition of new and emerging contaminants/pathogens and by the interest to reuse treated water in multiple applications. Additionally, reduction of environmental risks is also important to ensure that the strategies we used for remediation of parent pollutants or inactivation of pathogens are not creating more problems. Now is the time we should look into how we find ways to use nanoparticles to reduce the environmental risks to improve our living standards and ecosystems around us. This special issue invites the submission of original research papers or review papers covering the latest findings and progresses in this field. We are keen to receive contributions reporting results with different kinds of nanoparticles to reduce environmental risk in different scenarios, covering a wide range of target environmental risks.

Guest Editors

Dr. Li Ling

Dr. Chunzhao Chen

Dr. Zihang Cheng

Deadline for manuscript submissions

closed (29 February 2024)

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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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