Special Issue

Water Treatment with New Nanomaterials

Message from the Guest Editor

While water shortage across the world is threatening, emerging advanced technologies to address this challenge are promising. In this regard, nanomaterials have played a crucial role and offered new opportunities for the construction of permeable and selective membranes and adsorbents. Such features are paramount, particularly given the limited available energy resources. In this issue, we aim to cover new researches dealing with water treatment based on nanomaterials of polymer, composite, ceramic, carbon, etc., that could be shaped in any dimensionality such as particle (0D), fiber (1D), and film (2D-3D). A particular emphasis will be given to nanofibrous adsorbents and membranes, as well as graphene membranes for desalination. For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Water _Treatment_New_Nanomaterials

Guest Editor

Dr. Shahin Homaeigohar

Nanochemistry and Nanoengineering, School of Chemical Engineering, Aalto University, Department of Chemistry & Materials Science, Kemistintie 1, C321, 00076 Aalto, Finland

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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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