Special Issue

Advanced Electro-Assisted Coagulation, Filtration, Oxidation and Reduction During Drinking Water Purification

Message from the Guest Editor

Elctro-coagulation has advantages in treating source water with lower turbidity and temperature that chemical coagulation, and is employed to impove membrane performance. Electro-assisted dehalogenation occurred on cathode, which can remove chlorinated/brominated organic compounds through reduction. Dehalogenation favors the disinfection by-products abatement which formed in the disinfection process by using chlorine and pose hazard potential to human health. To help the researchers get more knowledge on drinking water treatment by electro-assited technologies, and to promote academic exchange, please submit your recent research result.

Guest Editor

Prof. Dr. Xiaoyan Ma

School of Civil Engineering, Zhejiang University of Technology, Hangzhou, 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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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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