Special Issue

Energy Efficient Management of Water Collection, Treatment, Storage and Distribution

Message from the Guest Editors

Water collection, treatment, storage and distribution are inevitable linked with energy consumption. Current systems are primarily designed for uninterrupted service and high product water quality. As a result, substantial savings and recoveries of electrical, potential and thermal energy exist across all parts of current water supply systems. This Special Issue of “Water” will present an overview about ongoing research projects and their current status regarding the topic “water and energy”. The issue welcomes scientific contributions about the evaluation, simulation and reduction of energy consumptions in all sectors of current drinking water supply systems. Contributions regarding energy recovery (electrical, potential, thermal), the exploitation of energy savings in network design and operation, as well as competitive, innovative and energy efficient water treatment technologies are highly encouraged.

Guest Editors

Prof. Dr. Mathias Ernst

Institute for Water Resources and Water Supply, Technische Universität Hamburg (TUHH), Am Schwarzenberg-Campus 3 E, D-21073 Hamburg, Germany

Dr. Wolf Merkel

IWW Water Centre, CEO

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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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