



water



an Open Access Journal by MDPI

Feature Papers of Water-Energy Nexus

Guest Editor:

Prof. Dr. Gordon Huang
Faculty of Engineering and
Applied Science, University of
Regina, Regina, SK, Canada

Deadline for manuscript
submissions:
closed (30 November 2022)

Message from the Guest Editor

Water shortage has become increasingly severe under the influence of climate change and the stress of socioeconomic development. On the one hand, water scarcity can impact energy production and reliability, especially for water-intensive technologies such as biofuels, concentrating solar power, and nuclear power. On the other side, diminished freshwater resources can also lead to a greater reliance on energy-intensive sources of water supply such as desalination. While the interdependent relationship between water and energy can bring complexities to water- and energy-related issues, it can also be considered the key to the problem if properly exploited. This Special Issue presents the recent research findings and technological developments related to the water–energy nexus



mdpi.com/si/100672

Special issue



water



an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)

Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](https://twitter.com/Water_MDPI)