Special Issue

Application of Membrane Processes in Purification and Power Generation Systems

Message from the Guest Editors

Membrane processes are the most common and prevalent for water purification, water reuse, and ultrapure water production. The applications of these technologies have been extended to power generation by the pressure-retarded osmosis process. New membranes are used in water purification and desalination applications, with the potential to overcome membrane shortcomings of limited water permeability and fouling problems. Nanomaterials and graphene-oxide-based membranes have joined the long list of high-performance membranes for various applications. For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Membrane_Generation

Guest Editors

Prof. Ali Altaee

Prof. Dr. Iqbal M. Mujtaba

Prof. Akshaya Samal

Deadline for manuscript submissions

closed (30 June 2022)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/82146

Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

mdpi.com/journal/water

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/journal/water

About the Journal

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

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)

MDPI