Special Issue

Emerging and Persistent Environmental Contaminants: Analysis, Detection, Monitoring and Novel Removal Technologies

Message from the Guest Editor

The invention of new chemicals or modification of existing chemical structures for the better quality of life in all domains of chemistry on an everyday basis led to the synthesis and usage of various new chemical compounds across the globe. Further, already existing and new evolving chemical compounds are synthesized and released into markets and human usage without the prior evaluation of their fate and toxic effects in the environment. Many chemical pollutants have been reported to be persistent, bioaccumulative, and toxic in various environmental matrices, globally. Detection, analysis, monitoring, toxicity, and life-cycle assessments of persistent pollutants in all environmental compartments including wastewater, surface water, groundwater, and soil is crucial to maintain the quality of water and ecosystems. At the same time, mounting evidence of the existence and accumulation of various persistence pollutants at trace levels has emphasized the demand for advanced research on the fate of persistent pollutants in the environment.

Guest Editor

Dr. Rama Pulicharla

Department of Civil Engineering, Lassonde School of Engineering, York University, Toronto, ON G1V 0A6, Canada

Deadline for manuscript submissions

closed (15 May 2023)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/83991

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