

Special Issue

Pollution Control and Ecological Restoration in Freshwater and Marine Systems

Message from the Guest Editors

Increased anthropogenic activities threaten environmental quality in freshwater and marine systems. Some old problems have not been solved yet, while new problems caused by persistent toxic substances or emerging contaminants are appearing. The marine system is often greatly influenced by the freshwater system, as the riverine input of pollutants is often the main source of coastal seas. Furthermore, the combined effect of different pollutants and different systems, or even the co-impact with other environmental stressors should be evaluated and abated. In this Special Issue, not only lab-based theoretical studies but also field-based practical studies on pollution control in freshwater and marine systems are welcome. In particular, the following topics are encouraged: novel approaches and practices on nutrient (nitrogen, phosphorous) and eutrophication control; watershed systematic solutions for water resource, water environment and water ecology; Interactions between freshwater and marine systems; evaluation and prevention of ecological risk of emerging contaminants; novel treatment technology of traditional and emerging contaminants.

Guest Editors

Prof. Dr. Xueqiang Lu

Tianjin Key Laboratory of Environmental Technology for Complex Trans-Media Pollution, and Tianjin International Joint Research Center for Environmental Biogeochemical Technology, College of Environmental Science and Engineering, Nankai University, Tianjin 300350, China

Prof. Dr. Chunhui Li

Key Lab of Water and Sediment Science of Ministry of Education, School of Environment, Beijing Normal University, Beijing 100875, China

Prof. Dr. Rolf David Vogt

Norwegian Institute for Water Research, Oslo, Norway

Deadline for manuscript submissions

closed (1 June 2023)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/109232

Water

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

water@mdpi.com

mdpi.com/journal/

[water](https://mdpi.com/journal/water)





Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



[mdpi.com/journal/
water](https://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)