Special Issue

Non-Point Source Pollution and Water Resource Protection

Message from the Guest Editor

Non-point source pollution is a major cause of water quality degradation in watersheds. It is caused by pollutants from agricultural production, domestic wastewater, and fertiliser discharges entering water bodies through runoff, soil erosion, and leaching processes. The random and widespread nature of non-point source pollution makes it a challenge to identify, quantify, and manage, posing a major challenge to water resource protection on a global scale. This Special Issue aims to reveal the drivers, quantitative identification methods, spatial and temporal distribution, and modelling improvements of non-point source pollution in watersheds on a global scale. By sharing relevant scientific and technical experiences, our goal is to provide scientific references and technical support for the quantitative identification of non-point source pollution and water resource protection. In this Special Issue, original research articles and reviews are welcome.

Guest Editor

Dr. Xia Shen

College of Water Resources and Architectural Engineering, Northwest A&F University, Yangling, China

Deadline for manuscript submissions

closed (20 May 2025)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/219420

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