

Special Issue

Contaminants of Emerging Concern in Soil and Water Environment

Message from the Guest Editors

Ordinarily, concerns about the impacts of chemicals on soil and water have focused on traditional chemicals such as nutrients, heavy metals, pesticides, and persistent organic pollutants (POPs). More recently, however, there has been an increasing concern about other chemicals, so-called contaminants of emerging concern (CECs), for which much additional research needs to be conducted regarding relevant analytics, environmental concentrations, legislation, and (eco)toxicological effects. Even the definition of CECs has yet reach a consensus, but the term is usually used to refer to human and veterinary pharmaceuticals, nanomaterials, personal care products, hormones, and a wide range of industrial xenobiotics such as flame retardants and plasticizers. Ever greater amounts of CECs will be released into the environment in the future, and industrial R&D is far ahead of regulators and academia in this matter. It is very important that the science remain up-to-date, investigating this topic, helping regulators to protect the environment from potential problems associated with the presence of CECs.

Guest Editors

Dr. Paula Alvarenga

LEAF, School of Agriculture, University of Lisbon, 1649-004 Lisbon, Portugal

Prof. Dr. Patrícia Palma

Center for Sci-Tech Research in Earth System and Energy (CREATE), Polytechnic Institute of Beja, 7800-295 Beja, Portugal

Deadline for manuscript submissions

closed (25 October 2025)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/198291

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)