

Special Issue

Insights into Organic Carbon, Iron, Metals and Phosphorus Dynamics in Freshwaters

Message from the Guest Editor

This [Special Issue](#) welcomes articles dedicated to all aspects of the behavior of organic carbon, phosphorus, iron (and other related metals) in a broad range of freshwater environments, from soil solutions and groundwaters to ponds, lakes, rivers, and their riparian zones and estuaries. Of special interest are papers dealing with the fate of OC, P, and Fe due to the impact of climate change and human activities on aquatic ecosystems, including both anthropogenically altered and pristine regions. Works dealing with biogeochemical cycles in aquatic ecosystems mostly affected by climate change and exhibiting high C and Fe concentrations (boreal and subarctic rivers and lakes, wetlands, floodplains) are perfectly suited for this Special Issue. Papers on field, experimental, and modeling studies related to dissolved and particulate OC, Fe, and P may focus on climate warming, permafrost thaw, floods, eutrophication, acidification, pollution, and the recovery of aquatic environments, though other contexts are also of interest. For more information on this Issue, please click [here](#) to visit the Special Issue website.

Guest Editor

Dr. Liudmila S. Shirokova

Georesources and Environnement Toulouse GET UMR 5563 CNRS,
Université Paul Sabatier, 14 Avenue Edouard Belin, 31400 Toulouse,
France

Deadline for manuscript submissions

closed (31 March 2022)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/45027

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)