



water



an Open Access Journal by MDPI

Physico-Chemical Reactions of Fe and Cu in Natural Waters

Guest Editors:

Dr. Aridane González González

Instituto de Oceanografía y
Cambio Global, IOCAG,
Universidad de Las Palmas de
Gran Canaria, ULPGC, Parque
Científico Tecnológico de
Taliarte, Spain

Dr. David Gonzalez Santana

Instituto de Oceanografía y
Cambio Global, IOCAG,
Universidad de Las Palmas de
Gran Canaria, ULPGC, 35017 Las
Palmas de Gran Canaria, Spain

Deadline for manuscript
submissions:

closed (30 November 2022)

Message from the Guest Editors

Dear Colleagues,

The chemistry of iron (Fe) and copper (Cu) in natural waters is a key topic due to their roles as essential trace elements for life. This has led to a widespread interest in the distribution patterns of these two elements within aquatic environments. The distribution, transport, and bioavailability of iron and copper strongly depend on hydrodynamic conditions, the physico-chemical properties of the water, and the physical and chemical speciation of these elements. In addition, the constant variations due to the effects of climate change as well as pollution in ocean and coastal waters are directly affecting Fe and Cu chemistry in terms of redox, speciation, complexation, and mobility.



mdpi.com/si/119260

Special Issue



water



an Open Access Journal by MDPI

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

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.

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 (Water Science and Technology)

Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](https://twitter.com/Water_MDPI)