Special Issue

Assessment of Radioactivity in Water and Associated Environments

Message from the Guest Editors

Radionuclides can be found in water bodies due to natural reasons or as a consequence of human activities that technologically enhance the amount of natural radionuclides or generate artificial radionuclides that may be released to the environment. The assessment of radioactivity in water bodies or associated media is therefore essential to assure the protection of the ecosystems and the living organism, but also provides information about the movement of water masses and past successes. This Special Issue intends to cover all aspects related to radionuclides' assessment in water bodies. This includes advances in the monitoring of radioactivity; new analytical procedures for activity determination; the development of novel devices and techniques for radionuclide detection and sensing; recent studies based on the mobility of radiotracers; climate change and environmental studies based on radioactivity determinations; NORM studies; innovation on remediation of radioactivity in water; and new models developed to predict the fate of radionuclide in the environment.

Guest Editors

Dr. Alex Tarancón

Department d'Enginyeria Química i Química Analítica, Universitat de Barcelona, 08028 Barcelona, Spain

Dr. Héctor Bagán

Department d'Enginyeria Química i Química Analítica, Universitat de Barcelona, 08028 Barcelona, Spain

Deadline for manuscript submissions

closed (31 August 2023)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/163956

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