

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.

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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

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