Special Issue

Advances in Environmental Radioactivity Monitoring and Measurement

Message from the Guest Editor

Environmental radiological monitoring covers various aspects of physics, chemistry, and biology related to the assessment of impacts caused by natural and artificial radionuclides in the environment. The sources of radionuclides primarily originate from nuclear fuel cycle facilities, medicine, and industries generating NORM waste. The analytical and measurement techniques employed to evaluate the impact of these facilities are based on the type of radionuclide to be determined. Radiochemical methods are based on classical chemical techniques. Measurements are conducted using detectors. Furthermore, chemical techniques enable the determination of radionuclides with long half-lives. This Special Issue aims to compile the latest advancements in measurement techniques and methodologies to assess the radiological impact of various facilities on the environment. Additionally, studies related to soil–plant transfer factors, radionuclide diffusion models in air, the quality control of measurements, and characterization studies of soils, waters, foods, and indicator organisms will be of great interest in this Special Issue.

Guest Editor

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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