Special Issue

Innovative Approaches to Radioactive Waste Management and Treatment

Message from the Guest Editor

The applications of radioactive isotopes are part of our daily life in different fields, from the generation of electrical energy to medical applications for the detection and treatment of diseases to the measurement of thicknesses and/or densities in industry. Like all human activity, these applications also generate forms of waste that, depending on their characteristics, are classified into two large groups: low- and medium-activity waste, which are the majority of those generated, and high activity waste, whose most significant exponent is the spent fuel of nuclear power plants. Like some biological or chemical waste, radioactive waste requires systems for its treatment, confinement and long-term storage. This management must guarantee specific standards of safety and protection of the environment and people, and it must also comply with the principle of minimizing its generation. This Special Issue aims to review current trends in all stages and aspects related to the management of radioactive waste throughout their entire life cycle.

Guest Editor

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Deadline for manuscript submissions

closed (20 April 2025)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/185965

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Message from the Editor-in-Chief

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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