



## **Innovative Approaches to Radioactive Waste Management and Treatment**

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### **Message from the Guest Editor**

Dear Colleagues,

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.





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## Message from the Editor-in-Chief

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