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Advanced Materials for Nuclear Waste Management

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Deadline for manuscript submissions:
closed (30 June 2020)

Message from the Guest Editor

Dear Colleagues,

We invite submissions to a Special Issue of the journal *Energies* on the topic of "Advanced Materials for Nuclear Waste Management".

The topics covered in the Special Issue may come from all areas of advanced metals, ceramics, composites, and polymers for nuclear waste management, including materials for the nuclear fuel cycle, materials for storage and disposal of used fuel, and materials for the adsorption and immobilization of radioactive waste and materials for durable radioactive waste forms. Both experimental and computational work on emerging materials such as nanoparticles, nanotubes, graphene, MOF, Mxene, and aerogel for nuclear waste management are welcome.

Keywords: Nuclear waste; Radioactive waste; Advanced materials; Waste forms; Nuclear fuel cycle; Reprocessing; Spent fuel storage; Permanent disposal; High level waste; Low and intermediate level waste; Vitrification

Prof. Ho Jin Ryu
Guest Editor

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Message from the Editor-in-Chief

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