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Nuclear and Solid Waste Disposal and Management

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Deadline for manuscript submissions:
closed (20 June 2020)

Message from the Guest Editor

The Guest Editor is inviting submissions to a Special Issue of *Energies* on the subject area of “Nuclear and Solid Waste Disposal and Management”.

Military nuclear waste has been produced since the end of the Second World War, whereas waste production from civil nuclear reactors started in the 1960s. First tentative solutions for the elimination of such waste included the injection of liquid waste in deep geological reservoirs and ocean dumping. During the 1960s, international research on sea bed disposal was conducted and abandoned after the adoption of the London Convention. During the following years, the concept of geological “final disposal” in the continental crust was widely accepted by the international community. However, 50 years later, we note that not one single safe and sustainable geological long-term disposal facility has been constructed and operated with success. In particular, incidents and accidents such as the water infiltration in the Asse repository in Germany, or the fire in the WIPP facility in New Mexico (USA), are indicators of inappropriate processes and technologies, weak institutions, and other failures...



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Special Issue



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Message from the Editor-in-Chief

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