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Novel Materials and Processes for Application in Nuclear Fuel Disposal

Guest Editor:

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Deadline for manuscript
submissions:

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Message from the Guest Editor

This Special Issue invites contributions that focus on advancements in materials and processes covering the back end of the nuclear fuel cycle (i.e., separation, advanced fuels, and repository science). Existing technologies for waste disposal and nuclear fuels are well established, including borosilicate glass waste forms and the characteristics of spent UO₂ fuels. However, there have been many examples of new advancements in on-line monitoring of nuclear processing, in situ methods that enable the direct observation of corrosion processes, as well as new types of materials for capturing fission products and generating new types of wastes forms.

For more information, please click the following link:

https://www.mdpi.com/journal/materials/special_issues/nuclear_fuel_disposal

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Guest Editor





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Message from the Editor-in-Chief

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