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Geochemistry and Corrosion of Uranium-based Waste Materials

Guest Editor:

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Deadline for manuscript submissions:
closed (30 January 2017)

Message from the Guest Editor

Dear Colleagues,

Uranium-based materials are synonymous with fission energy. Uranium dioxide and uranium metal have been the primary materials used for nuclear fuel over the past 50 years, but, proportionally, they will all spend the majority of their lives as a highly radioactive waste, as compared to an operating fuel. Accordingly, the behaviour of these materials, in both engineered and natural systems, is of ongoing and significant interest to the academic community. The current Special Issue is seeking contributions that provide experimental data to better define the mechanisms and behaviours of uranium and associated nuclear compounds in waste storage and disposal systems, as well as papers detailing the transport and transformation behaviours of actinide materials in environmental systems; surface and subsurface.

Dr. Thomas B. Scott
Guest Editor

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Message from the Editor-in-Chief

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Journal Rank: JCR - Q2 (*Mining & Mineral Processing*) / CiteScore - Q2 (*Geology*)

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