



Geochemistry and Corrosion of Uranium-based Waste Materials

Guest Editor:

Dr. Thomas B. Scott

Director of the Southwest
Nuclear Hub, School of Physics,
University of Bristol, Tyndall
Avenue, Bristol BS8 1TL, UK

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





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky
Bayerisches Geoinstitut,
University Bayreuth, D-95440
Bayreuth, Germany

Message from the Editor-in-Chief

Minerals welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), GeoRef, CaPlus / SciFinder, Inspec, Astrophysics Data System, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Geochemistry and Geophysics*) / CiteScore - Q2 (*Geology*)

Contact Us

Minerals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/minerals
minerals@mdpi.com
[X@Minerals_MDPI/](https://twitter.com/Minerals_MDPI/)