



Application of Clays and Clay Minerals to Prevent Contamination

Guest Editor:

Message from the Guest Editor

Dr. Mercedes Regadío García

Department of Civil and
Structural Engineering, The
University of Sheffield,
Broomhall, Sheffield S10 2TG, UK

Dear Colleague,

Deadline for manuscript
submissions:

closed (20 October 2021)

Clays have interesting properties for important environmental applications by acting as sorbents, cation exchangers or flocculants. Accordingly, clays can be used in liners for waste disposal (included radioactive waste) and water purification. The advantages are that these natural materials are often readily available, abundant, and widespread. The disadvantage is the complexity of studying these materials and the mechanisms they trigger. We are looking for papers that provides recent advances in the effect and significance of clay properties on soil contamination. The work would expand the understanding of the mechanisms involved in the long-term immobilization and accumulation of pollutants and, especially, in the degradation or transformation of pollutants.





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 (Mining and Mineral Processing) / CiteScore - Q1 (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/)