

Special Issue

Application of Clays and Clay Minerals to Prevent Contamination

Message from the Guest Editor

Dear Colleague, 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.

Guest Editor

Dr. Mercedes Regadío García

Department of Geology and Geochemistry, Autonomous University of Madrid, 28049 Madrid, Spain

Deadline for manuscript submissions

closed (20 October 2021)



Minerals

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Impact Factor 2.2
CiteScore 4.4



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Minerals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
minerals@mdpi.com

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky

Bayerisches Geoinstitut, University Bayreuth, D-95440 Bayreuth,
Germany

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