



Clay Minerals and Waste Fly Ash Ceramics, Volume II

Guest Editor:

Dr. Marta Valášková

Institute of Environmental
Technology, CEET, VŠB-Technical
University of Ostrava, 70800
Ostrava-Poruba, Czech Republic

Deadline for manuscript
submissions:

closed (30 October 2024)

Message from the Guest Editor

Dear Colleagues,

Clays are environmentally-friendly raw materials available in large quantities. Clay minerals, as the main components of clays, have specific structural properties and are therefore widely used in laboratory and industry. A large amount of fly ash waste comes from thermal power plants and coal combustion. The utilization of this waste material is a major focus in research on the development of environmentally-friendly ceramic materials. The aim from the viewpoint of the final properties of the ceramic product is to find the optimal maximum amount of fly ash in the ceramic mixture. A desirable task is to study the effect of clay minerals and other possible additives on calcination temperature, while saving conditions without damaging the ceramic body.

This Special Issue welcomes high quality research publications on the properties of clay- mineral-supported waste fly ash carriers investigated in laboratory and industrial applications.





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), GEOBASE, 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/)