minerals

an Open Access Journal by MDPI

IMPACT FACTOR 2.5

CITESCORE 3.9

Toxic Mineral Matter in Coal and Coal Combustion Products

Guest Editors:

Prof. Dr. Shifeng Dai
State Key Laboratory of Coal Resources and Safe Mining, China University of Mining and Technology (Beijing), Beijing 100083, China

Dr. Xibo Wang
State Key Laboratory of Coal Resources and Safe Mining, China University of Mining and Technology (Beijing), Beijing 100083, China

Prof. Dr. Lei Zhao
School of Earth Sciences and Surveying and Mapping Engineering, China University of Mining and Technology (Beijing), Beijing, China

Deadline for manuscript submissions:
closed (18 February 2018)

Message from the Guest Editors

Dear Colleagues,

The toxic mineral matter described here encompasses dissolved toxic salts in the pore water of coal, toxic inorganic elements associated with the organic compounds of coal, as well as toxic discrete crystalline and non-crystalline mineral particles in coal and coal combustion products (CCPs). In many cases, discrete crystalline and non-crystalline mineral particles in coal and CCPs are the carriers of toxic elements. Such toxic components have been reported to have adverse (or potentially) effects on human health and environment during the process of coal mining, coal storage, and utilization (particularly coal combustion). This Special Issue covers basic research, advanced analytical methods, and technological measures for environmental protection related to toxic mineral matter in coal and in CCPs.

Prof. Dr. Shifeng Dai
Dr. Xibo Wang
Dr. Lei Zhao

Guest Editors

minerals

an Open Access Journal by MDPI

IMPACT FACTOR 2.5

CITESCORE 3.9

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 & Mineral Processing*) / CiteScore - Q2 (*Geology*)

Contact Us

Minerals Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/minerals
minerals@mdpi.com
𝕏@Minerals_MDPI/