



Clays and Micro-Organisms: From Nature to Industry

Guest Editor:

Prof. Dr. Jinwook Kim

Department of Earth System
Sciences, Yonsei University, Seoul
03722, Republic of Korea

Deadline for manuscript
submissions:

closed (31 December 2019)

Message from the Guest Editor

Dear Colleagues,

Clays and clay minerals are important components in soils, sediments, and sedimentary rocks, and they undergo biotic and abiotic reactions in natural environments, including extreme environments. These mineral reactions impact a number of geological and environmental processes, such as sediment diagenesis, colloid transport, the mobility and the ultimate fate of organic and inorganic contaminants, integrity of waste repositories, and stability of the ocean floor. Furthermore, the science and technologies of industrial clays, including exploration and clay resource development, particle engineering from macro to nano, chemical and physical modification of industrial application and sustainable resource development are currently being investigated. We invite contributions on, but not limited to, microscopic/spectroscopic/geochemistry studies of clay mineral reactions at both laboratory and field scales. We especially encourage papers on the development of novel methods and/or novel applications of existing techniques with an interdisciplinary perspective.

Prof. Dr. Jinwook Kim

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/)