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Metal-Modified Clays and Clay Minerals and their Application in Water and Waste Water Treatment

Guest Editors:

Prof. Dr. Wilson Gitari
School of Environmental Sciences, University of Venda, Thohoyandou 0950, South Africa

Dr. Wasiu Babatunde Ayinde
School of Environmental Sciences, University of Venda, Thohoyandou 0950, South Africa

Dr. Rabelani Mudzielwana
Department of Ecology and Resource Management, School of Environmental Sciences, University of Venda, Thohoyandou 0950, South Africa

Deadline for manuscript submissions:
closed (15 October 2021)

Message from the Guest Editors

This Special Issue encourages the submission of manuscripts that address multiple issues of metal-modified clay and clay minerals and their application in water and wastewater treatment. The aspects covered in this issue include but are not limited to the following:

- Application of raw clay and clay minerals in water and wastewater treatment.
- Innovative metal, metal oxide modification of clay and clay minerals.
- Application of the metal-modified clay and clay minerals in water and wastewater treatment.
- Beneficiation of clay and clay minerals into innovative adsorbents such as zeolites, other microporous, mesoporous, and geopolymeric materials for application in water and wastewater treatment.
- Modification of clay and clay minerals with anionic and cationic surfactants and their application for adsorption of various pollutants from water and wastewater.
- Any aspects that speak to the modification of clay and clay minerals and their application in water and wastewater treatment.

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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.

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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
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