

Special Issue

Adsorption Properties of Clay and Its Applications in Buildings

Message from the Guest Editors

This Special Issue aims to collect and present the latest advances in mechanisms that drive the adsorption properties of clays and related engineered mineral materials. The effect of organic and inorganic stabilizations of clay-based materials should also be addressed. This is a cross-sectional topic that needs to be approached by experts in different fields to build a common ground and knowledge on how the mineralogy of clays and the formulation of composites where they are used can affect the adsorption behaviour of clay-based building products. This Special Issue invites submissions that include original scientific research on clay-based materials, stabilized or unstabilized; on their mineralogy and its effects on adsorption capacity; pollutants capture; life cycle assessment (LCA) and costs (LCC); and the possibility of dropping down embodied energy reusing clays.

Guest Editors

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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.

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