

Special Issue

Study on Genesis and Deposition of Clay Minerals

Message from the Guest Editors

Deposits of clays may have complex origins. One deposit is not like another of the same material, but integrative genetic models can produce useful patterns for exploration purposes. Clays occur in many different geological environments: weathering crusts and soils, continental and marine sediments, volcanic deposits, geothermal fields, wallrock alteration produced by the intrusion of plutonic rocks and hydrothermal fluids, and very low-grade metamorphic rocks. Clay formation and evolution are distinctive events in the geological history of a basin. The source area, transport, depositional environment of clays, and transformation and diagenetic changes are fundamental for the analysis of sedimentary basins.

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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