

Special Issue

Advances in the Petrography of Natural Fine-Grained Materials: A Microscale Answer to Their Genetic Pathways and Applications

Message from the Guest Editors

This Special Issue is focused on the petrography of fine-grained (mostly clay-sized) materials composed of minerals resulting from authigenesis, either from the transformation of previous crystalline or amorphous phases (precursors) or from direct precipitation (neof ormation). The correct interpretation of their textural features is of great help in the genetic interpretation of their constituent minerals and thus of their formation environment. These genetic environments include both continental and marine settings in which syngenetic, diagenetic and edaphic processes are responsible for the textural variations presented by the materials. Fine-grained materials related to hydrothermal processes are also included in this.

Guest Editors

Prof. Dr. Manuel Pozo Rodríguez

Department of Geology and Geochemistry, Universidad Autónoma of Madrid, 28049 Madrid, Spain

Prof. Dr. Emilia García Romero

Department of Mineralogy and Petrology, Universidad Complutense of Madrid, 28040 Madrid, Spain

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Minerals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
minerals@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky

Bayerisches Geoinstitut, University Bayreuth, D-95440 Bayreuth,
Germany

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