Special Issue

Geopolymers, Volume II

Message from the Guest Editors

Today, geopolymers offer an alternative to hydraulic binders. Geopolymers are a new type of binder formed through a polymerization process from the combination of an alkaline liquid with aluminosilicate material (natural pozzolans, industrial waste product, calcined clays, etc.)... This Special Issue aims to bring together corresponding studies on:

- the formulation of sustainable geopolymers, especially clay-based geopolymers (determination of the required components and properties);
- the development of suitable methodology to estimate geopolymer durability;
- the multiscale characterization of geopolymer degradation processes under various conditions related to different classes of exposure, ...
- a comparison of sustainability approaches and properties of hydraulic and geopolymeric binders.

The hope is that this Special Issue will help to improve our understanding of the deterioration mechanisms of geopolymers as well as prediction of their durability.

Guest Editors

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Deadline for manuscript submissions

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).

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