Special Issue

Formation, Mineralogy, Geochemistry of Phosphate Deposits

Message from the Guest Editor

Dear Colleague, Wars between countries and different political behaviors cause food crises, especially in poor countries. The most important tool of food production is directly through production. Overproduction necessitates the use of the right fertilizer. Phosphate, which is the main raw fertilizer material, will become a much more strategic raw material in the future than it is now. It will continue to be a critical commodity as the supply–demand balance shifts towards the supply gap as a result of newly commissioned factories. The search for new phosphate deposits is an important part of reducing the supply gap, and successful exploration depends on accessing fundamental information about the phosphate mineralogy, geochemistry, and metallogenesis of deposits. This Special Issue aims to collate existing and new research on new deposits in phosphate metallogenesis, its mineralogical and geochemical properties, geochronology.

Guest Editor

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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 18.2 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

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