# Special Issue

# Archaeological Ceramic Diagenesis

### Message from the Guest Editor

The potential for post-burial conditions to alter the mineralogical and elemental composition of archaeological ceramics was noted in some of the earliest compositional analyses by petrography and chemistry. Yet, many such studies still do not address this potential, assuming that observed and measured composition reflects that which was present at the time of production. Several decades of research have examined in detail the potential for elemental leaching, recrystallization of mineral phases, and the impacts of initial composition and firing temperature and different burial environments on the environmental stability of archaeological ceramics. This Special Issue brings together experts in both elemental and mineralogical studies of ancient pottery to provide an up-to-date overview of the processes of post-burial alteration that archaeological ceramicists should take into account during their compositional studies.

### Guest Editor

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### Deadline for manuscript submissions

closed (5 February 2021)

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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

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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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