Special Issue

Phosphorous in Soils and Sediments

Message from the Guest Editors

Phosphorous is an essential nutrient for all life on Earth, and in many systems is the limiting nutrient. However, its bioavailability is highly dependent on its chemical speciation. On the other hand, release of P can result in the significant degradation of ground and surface waters...This Special Issue invites papers on all aspects of P in soils and sediments, but especially those addressing its heterogeneity and response to change. Examples include, but are not limited to, the following.

- Application of traditional and novel tools to characterize distribution, speciation, chemistry, bioavailability and leachability of P
- Heterogeneity—spatial, chemical, biological, and temporal—of P in soils and sediments
- Heterogeneity of chemical processes in soil and sediment microenvironments that govern P behavior
- Cycling and fate of P on the micro to global scales
- Effect of rising sea level on P reservoirs in coastal soils and sediments.

Guest Editors

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Deadline for manuscript submissions

closed (3 September 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.

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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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