



## Mineralogy and Geochemistry of Sediments

Guest Editors:

**Dr. Hussein Kanbar**

ICArEHB—Interdisciplinary  
Center for Archaeology and the  
Evolution of Human Behaviour,  
Gambelas Campus, Algarve  
University, FCHS D12, 8005-139  
Faro, Portugal

**Dr. Mathieu Le Meur**

IMT Atlantique—Institut Mines  
Télécom, 4 Rue Alfred Kastler,  
44300 Nantes, France

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### Message from the Guest Editors

The environment around us is shaped by surface water through diverse processes. One of the resulting by-products, i.e., sediments, encapsulates information spanning recent and ancient pasts. Certainly, our understanding of climate shifts, human behavior, and ecosystem evolution is significantly enriched by signatures held within sedimentary archives. We can extract information that helps us to understand the environment around us, whether on land or in water bodies, as well as explain lithogenic and anthropogenic processes, some of which we utilize to overcome difficulties, address challenges, and move towards a sustainable environment. The evolution of landscapes, industrialization, urbanization, and other anthropogenic activities can be marked through chemical, mineral, and organic fingerprints in sediments. These kinds of signatures can be revealed by looking into sediment mineralogy and geochemistry (inorganic and organic) using various tools. The main aim of this Special Issue, “Mineralogy and Geochemistry of Sediments”, is to further our understanding of the natural and anthropogenic processes that occur in sediments at various scales





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## Editor-in-Chief

**Prof. Dr. Leonid Dubrovinsky**  
Bayerisches Geoinstitut,  
University Bayreuth, D-95440  
Bayreuth, Germany

## 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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*Minerals* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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