Special Issue

Sediment Geochemical Proxys and Processes in Paleomarine Ecosystems

Message from the Guest Editor

Marine sediments are one of the primary repositories of paleoenvironmental signals. Among the various indicators, geochemical and micropaleontological sedimentary proxies are frequently utilized for paleoceanographic and paleoclimatic reconstructions. Geochemical variations in marine sediments are often employed as indicators to elucidate past changes in productivity, redox conditions, weathering patterns, and sediment provenance as a function of historical climate and oceanographic fluctuations. This Special Issue will provide an overview of frequently used geochemical proxies and their applicability for understanding the climatic processes that change the geochemical variability in palaeomarine ecosystems supported by geochronological techniques. Studies topics include but not restricted to dealing with elemental and isotopic variations, as well as organic matter and biomarkers in marine sediments, which have been used to evaluate climate change and paleoprovenance, paleosealevel, and paleoweathering in marine basin catchments.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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Editor-in-Chief

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