



## Petrography, Sedimentology, and Geochemical Signatures of Fine-Grained Sedimentary Rocks in Deep-Water Environments

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### Message from the Guest Editors

Dear Colleagues,

Fine-grained sedimentary rocks are defined as sedimentary rocks where at least 50% of the grains are smaller than 62.5  $\mu\text{m}$ . Fine-grained sedimentary rocks are particularly valuable because they contain most of the energy reserves and mineral resources that are vital to our modern society. Moreover, these rocks comprise approximately two-thirds of the stratigraphic record and have significant implications for global paleoclimate and paleoceanography reconstruction. Despite global economic and scientific significance, geologists still lack a fundamental understanding of the sediment transportation processes, deposition mechanisms, petrographic characteristics and geochemical signatures of these rocks. This Special Issue aims to contribute to the disclosure of all the recent research findings and applications of new techniques in the petrography, sedimentology and geochemical signatures of fine-grained sedimentary rocks





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## Message from the Editor-in-Chief

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