



Special Issue Reprint

Recent Advances in Sedimentology

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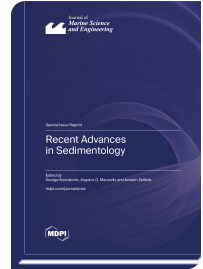
George Kontakiotis

Angelos G. Maravelis

Avraam Zelilidis

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The aim of this reprint is to immerse the reader in the latest advances in sedimentary geology. From investigations into modern and past oceans and marginal oceanic basins, as well as their marine ecosystems, we aim to unravel the geological dynamics and reconstruct the relevant past and/or modern sedimentary environments. In this reprint, leading experts in the field share their insights, research findings, and visions for the future. Together, we will embark on a journey to unlock the full potentiality of sedimentology for addressing the challenges posed by climate change in the sedimentary archive, the paleoceanographic regime, and the subsequent response of the marine biota through time. Understanding the intricate interplays among depositional processes, sequence stratigraphic controls, diagenetic transformations, and geochemical signatures within clastic and carbonate sequences is particularly essential for unraveling their geological significance and economic potential.



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