

Special Issue

Past Practice and Future Prospects in Coastal Environmental Reconstructions

Message from the Guest Editor

This Special Issue will focus on the best practice and prospects in coastal environmental reconstruction. Coastal environments include highly sensitive depositional systems and may, therefore, record the main morpho-climatic variations, reflecting depositional systems. Besides the natural control factors, the coastal areas have recorded the impact of the human settlement on the depositional environments. The sedimentary record and the related coastal geomorphologic modification may control the shifting of the coastal and marine facies during relative sea level fluctuations. We welcome you to submit a paper to the Special Issue “Best Practice and Future Prospects in Coastal Environmental Reconstruction”, including main issues on seismic and sequence stratigraphy in coastal environments, facies analysis of coastal sequences, marine micropaleontology, coastal vulnerability and coastal hazard through GIS methodologies, and micropaleontological and sedimentological reconstruction of coastal environments, also in the Late Holocene. Geoarcheological issues are also welcome. High-resolution chronostratigraphic research, focusing on tephrostratigraphy, is also invited.

Guest Editor

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About the Journal

Message from the Editorial Board

We live in a Quaternary world, that is, a world shaped by the interplay of the different compartments of the earth system—lithosphere, hydrosphere, atmosphere, biosphere, cryosphere—during the last ~2.6 million years. It is not possible to understand the current world—and, hence, to anticipate its possible future developments—without knowing the Quaternary history of drivers, processes, and mechanisms that have generated it. Our own species is an evolutionary outcome of the Quaternary performance. Therefore, the journal *Quaternary* is born with the aim of being an integrative journal to encompass all aspects of Quaternary science focused on understanding the complex world in which we live and to provide a sound scientific basis to anticipate possible future trends and inform environmental policies.

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