

Special Issue

Climate Change and Reconstruction of the Palaeoecological Changes

Message from the Guest Editor

While climate change is not new in the history of the Earth, there have been many changes over the Quaternary to which the environment (and the animals and plants that live in it) have responded in different ways and at different rates. One of the great challenges of palaeoecology is elucidating the response of biotic and abiotic components of the environment to changing climatic conditions in a given study area. We are inviting you to submit a paper to the Special Issue “Climate Change and Reconstruction of the Palaeoecological Changes”. This Issue seeks to investigate the interactions between climate change and paleoecological patterns at global, regional, and local scales using paleoenvironmental, paleoclimatic sedimentological, archaeological, geochemical, and malacological approaches. This Issue is open to all periods and regions.

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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