



## Paleoclimatic Changes Recorded by Loess–Paleosol Sequences in the Quaternary

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submissions:

**15 November 2024**

### Message from the Guest Editors

Loess deposits that cover ca. 10% of our planet's surface have proven to be valuable archives of past climatic conditions at millennial and centennial timescales and are extensively studied to reconstruct paleoclimate information. Loess paleoclimate studies have contributed significantly to our understanding of long-term climate dynamics, including the identification of glacial–interglacial cycles, changes in monsoon pattern wind fields, and the impact of climate change on ecosystems and human societies throughout history on regional and global scales. Insight into past changes in soil properties can aid with such measures. We welcome you to submit a paper to this Special Issue, “Paleoclimatic Changes Recorded by Loess–Paleosol Sequences in the Quaternary”. This Special Issue seeks to investigate the mentioned aspects of Quaternary loess research using paleoenvironmental, paleoclimate, geochemical, agroecological, geomorphological, and archaeological approaches. This Special Issue is open to all regions and timescales of the past 2.5 million years. Southern Hemisphere studies are especially welcome.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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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