

## Special Issue

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

### 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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### Guest Editors

Dr. Sandor Gulyas

1. Department of Geology and Paleontology, University of Szeged, H-6722 Szeged, Hungary
2. Interdisciplinary Excellence Centre, Institute of Geography and Earth Sciences, Long Environmental Changes Research Team, University of Szeged, H-6722 Szeged, Hungary

Dr. Peter Almond

Department of Soil and Physical Sciences, Lincoln University, Lincoln 7647, New Zealand

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### Deadline for manuscript submissions

closed (15 November 2024)



## Quaternary

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*Quaternary*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[quaternary@mdpi.com](mailto:quaternary@mdpi.com)

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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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### Editors-in-Chief

Dr. James B. Innes

Department of Geography, Durham University, Lower Mountjoy, South Road, Durham DH1 3LE, UK

Prof. Dr. David Bridgland

Department of Geography, Durham University, Lower Mountjoy, South Road, Durham DH1 3LE, UK

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