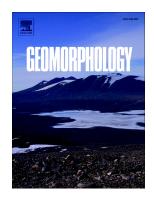
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ACCEPTED MANUSCRIPT

Landscape and climate on the northern Tibetan Plateau during the late Quaternary

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Keywords: geomorphology, OSL dating, paleoclimate, Tibetan Plateau,

Highlights:

- Factors influencing the formation of a high altitude lake were reconstructed
- Different source areas of aeolian sediments were identified
- Timing of aeolian sediment deposition was constrained by OSL dating
- During the mid-Holocene highest moisture conditions occurred

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