

## **Four uplift stages and sedimentary environmental changes recorded in the Himalaya-Tibetan Plateau**

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Mountain uplift and depositional environmental changes commonly occurred in four stages in the Himalayan Range and its foreland basin, Kunlun mountain and Tarim Basin, and Chinese Loess Plateau: (1) 23~22Ma, (2) 16~14Ma, (3) 10~8Ma, (4) after 4~3Ma. In this paper, I review tectonic events and penecontemporaneous depositional environmental changes, and discuss on the linkage between tectonic events and climatic changes.