

Climatic changes and tectonic events during the last 2.5m.y.recorded in the Palaeo-Kathmandu Lake

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On the basis of sedimentological and paleontological studies it was revealed that the Palaeo-Kathmandu Lake appeared about 2.5 Ma and disappeared after 10kyr. The upper half of the Kathmandu basin sediments records 7 times repetition of warm and cold climates which correspond to that of glacial and interglacial period. In the lower part (before 1Ma), warm and semi-dry climate was prevailed, and the sedimentation rate was estimated 0.9~1.4m/10kyr.