

Causes of drainage and disappearance of the Paleo-Kathmandu Lake: Tectonics vs. Climate

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We examine the draining process of the Paleo-Kathmandu Lake in the Central Himalaya on the basis of sedimentological studies of muddy lacustrine sediments and overlying fluvial sediments and newly obtained AMS ¹⁴C ages of sediments. In addition, we compare the records of paleoclimate and water-level change revealed by pollen and diatom studies and discuss on the causes of draining and disappearance of the lake.