

Pleistocene At the transition of Pleistocene-Holocene, major transgression took place affecting the fluvial system and caused aggradation of the fluvial systems. The sea encroached the land by means of tidal creeks due to rise in sea level (during *climatic optimum*). Vast stretch of area came under tidal influence. The study revealed the influence of marine transgression was up to 4 km inland from the present day shoreline. Later the fluvial processes dominated over the marine processes. As a result, coastal progradation

took place and beach ridges were formed up to the present coastline.

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References

- BAETEMAN, G. and VAN STRIDJONCK, M. (1989) Quaternary sea-level investigations from Belgium. Prof. Paper 1989/6 No 241, pp 89-91.
- KAMESWARA RAO, K. K. and RENGAMANNAR, V. (1989) Geomorphology and Quaternary geological mapping around Kakinada. Unpubl. Geol. Surv. India Prog. Rept.
- RENGAMANNAR, V. and PRADHAN, P. K. (1991) Geomorphology and evolution of Godavari delta. Mem. Geol. Soc. India, v 22, pp 51-56.
- SINGA RAJU V. and SHAH, B. M. (1996) Preparation of profiles of Holocene deposits, around Kakinada Port town, East Godavari district, A.P. Rec. Geol. Surv. India, v 129, Pt 5, pp 1-4.

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