



Sediment Dispersal Patterns and Paleoshoreline Trajectory of Wilcox Group, South-Central Texas Coast

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EXTENDED ABSTRACT

We revisited a 960 mi² (2500 km²) 3D seismic volume and selected wells having wireline logs and sparse-core data along the south-central Texas coast to investigate the sediment dispersal patterns and shoreline trajectory during Wilcox time. Four types of depositional systems were recognized, by sandstone geomorphology and thickness mapped at high-frequency sequence level using seismic data. In the study area, the paleoshoreline migrated at least 15 mi basinward during deposition of the Middle to Upper Wilcox.

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