



Carpinteria Coastal Processes Study, 2005-2007: Final Report

By Patrick L. Barnard

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.PROJECT SUMMARY The United States Geological Survey (USGS), in collaboration with the University of California, Santa Cruz (UCSC), conducted a two-year study of the beach and nearshore coastal processes for the City of Carpinteria and adjacent beaches. The work was performed in response to and worked directly with the United States Army Corps of Engineers (USACE) Project Management Plan (PMP) for the City of Carpinteria: * Carpinteria Shoreline, Santa Barbara County, California PMP (June 2003) contenttask=viewid=487Itemid=31 The City of Carpinteria has experienced significant erosion and storm damage over the last decade (Figure 1.1). A USACE reconnaissance survey has shown shoreline retreat rates that approach 2 m/yr in some locations. The goals of this project are to analyze historical trends/changes in the beach and nearshore environment, document local wave and tidal currents, and assess current beach and nearshore conditions in terms of grain size, beach size and shape, seasonal changes, and nearshore bathymetry. In summary, this work serves to quantify sediment sources, transport and sinks throughout the study area to support USACE and the City of Carpinteria coastal management...



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