

## **PERUBAHAN GARIS PANTAI DAN KERUSAKAN PANTAI DI KAWASAN KEPESISIRAN KABUPATEN TUBAN BAGIAN BARAT**

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### **INTISARI**

Penelitian ini memiliki tujuan untuk menegetahui perubahan garis pantai yang terjadi di kawasan kepebisiran Kabupaten Tuban bagian barat, yaitu Kecamatan Bancar, Tambakboyo, dan Jenu yang diakibatkan oleh proses dinamika pesisir serta dampak dan skala prioritas penangan yang ditimbulkan akibat adanya perubahan garis pantai tersebut, baik agresi maupun akresi dengan alat bantu citra satelit Landsat TM serta observasi lapangan. Sedangkan metode pengukuran kerusakan pantai yan digunakan adalah metode kerusakan pantai Dinas pekerjaan umum. Penelitian ini memperlihatkan bahwa bentuk kawasan pesisir serta pengaruh tenaga oseanografis memiliki pengaruh terhadap perubahan garis pantai, begitu pula dengan batuan penyusun utama kawasan pesisir dan kemiringan permukaan air laut. Sedangkan kerusakan pantai yang memiliki nilai kerusakan paling kuat, cenderung terdapat di kawasan pesisir Kecamatan Bancar, serta kawasan-kawasan yang terletak di dekat dengan jetty pelabuhan. Pengaruh kegiatan manusia sangat terasa kerusakan pantai, dimana kawasan yang memiliki kegiatan manusia yang sangat intensif serta adanya bangunan- bangunan pelindung pantai seperti jetty pelabuhan mempengaruhi akan garis pantai serta kerusakan pantai yang ada di kawasan pesisir tersebut.

**Kata kunci :** Perubahan garis pantai, Kerusakan pantai, Tuban Barat

## **COAST LINE CHANGE AND DAMAGE IN WEST REGION OF TUBAN REGENCY**

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### **ABSTRACT**

*This study wants to know shoreline change occurred in the coastal area of west region Tuban Regency in the Bancar, Tambakboyo, and Jenu District caused by processes of coastal dynamics with impact scale and priority scale of region caused by the change of shoreline, both aggression and accretion by Landsat TM and field observations. The methods of measurement used for coast damage scale is Departemen Pekerjaan umum method. The result of study shows that the shape of the coastal areas as well as the influence of oceanographic agent has an influence of the coastline changes, as well as the main constituent of rock slope of the coastal areas and the sea level. Whereas, damage to beaches that have the most powerful damage scale, cenderng are in coastal areas of Bancar District, as well as regions are close to the port's jetty. The influence of human activity are felt coastal damage, where the region has a very intensive of human activity as well as the coastal protection buildings such as port's jetty would affect the coastline as well as coastal damage to the beaches in the coastal region.*

**Keywords:** *Coastline change, coastal damage, western Tuban*