THE EFFECT OF SEABED SURFACE TO SEA CURRENT MOVEMENT

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Abstract

The surface of the earth has variety shape especially in the sea. Seabed surface is very unique condition with various formations. Based on this situation it can be seen the effect of the current movement.

This research use bathymetric data and sea current measurement data at three different areas. They are Barru (South Sulawesi), Belitung and Bangka.

The results of this research show that the current movement is effected on sea currents magnitude and direction at extreme topographic. Sloping bathymetric causes laminar sea current and diverse bathymetric causes turbulence movement.

Keywords: Seabed Surface, Sea Current Movement