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H - N model of steady circulation in the Vistula Bay

STUDIA I MATERIAŁY OCEANOLOGICZNE KBM PAN, 1983, No. 40, 223 - 239
(in Polish)

Abstract

The paper presents the results of numerical calculations of steady wind - driven circulation in the Vistula Bay. Numerical computations based up on the H - N model were performed for SE and SW winds of velocity 7 m/s constant over the entire region. The results of computations are presented in the form of charts of mass transport, sea level and surface currents. The effect of water circulation brought about the river inflow on wind - driven circulation is estimated.