

Oceanology

On the Diagnostic Models of the Water Circulation in the Baltic Sea and Their Verification

by

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Summary. The paper discusses the possibility of using environmental parameters for the verification of the results of hydrodynamic-numerical (H-N) modelling of steady-state currents in the Baltic Sea. The parameters chosen were Richardson gradient number Ri and eddy-exchange coefficient for heat k_T and for salts k_S , estimated from heat and salt conservation equation. The results of the diagnostic H-N model for steady wind- and density-driven currents in the Baltic Sea for summer period [4,5,8] were used for calculations.