

Interactive comment on “Operative forecast of hydrophysical fields in the Georgian Black Sea coastal zone within the ECOOP” by A. A. Kordzadze and D. I. Demetrashvili

Drd Golumbeanu

mariana.golumbeanu@yahoo.com

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The paper is devoted to a hydrodynamic method of the forecast of dynamics of the Black Sea for the Easternmost part of the Black Sea including Georgian coastal zone. The regional forecasting system described in the paper is a part of the Nowcastin/Forecasting system of the Black Sea state, which is developed by leading oceanographic teams of all Black Sea riparian countries under the direction of Marine. Stated in the paper prognostic model of the Black Sea dynamics is based on a primitive Hydrophysical Institute (Sevastopol, Ukraine). It is possible to consider the paper by Kordzadze and Demetrashvili as pioneer work as for the first time for the Black

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Sea regional forecasting system is developed system of the ocean thermodynamics equations. For solution of the problem a numerical method is used, particularly, the splitting method with respect to physical processes and coordinates planes and lines. This method was realized for the first time in the work by Marchuk, Kordzadze, Skiba (1975), where for the first time was elaborated the prognostic model of the Black Sea dynamics. The paper has not only high scientific, but also important practical value and I would kindly recommend to be published in the Ocean Science (OS).

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