

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

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The paper “Operative forecast of hydrophysical fields in the Georgian Black Sea coastal zone within the ECOOP” is devoted to one of the actual problems of operative oceanography – forecasting of hydrophysical fields – currents, temperature and salinity with high resolution in the coastal zone of internal seas. In my opinion the paper is interesting for experts of the Black Sea hydrothermodynamics. Particularly, in the paper the regional forecasting system for the Easternmost part of the Black Sea is considered, which is a part of the Black Sea Nowcasting/Forecasting System. The structure of the paper is constructed reasonably well and it may be considered as con-

C92

sisting of two parts. In the first part theoretical aspects of the problem are considered (model description, numerical scheme, . . .) In the second one the main features of the regional circulation processes for the summer and autumn seasons are discussed. Interpretation of results are given clearly. Comparisons of results predicted by regional and basin-scale models given in the paper represent important scientific and practical interest. Illustrations well reflect the ability of the regional model with a fine resolution to describe coastal circulation and thermohaline processes more adequately.

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C93