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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

Anonymous Referee #3

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The paper describes the Regional Forecasting System for the Easternmost part of the Black Sea which allows the predictions of the hydrological fields of the area in high resolution. It is a very important and useful work for the further development of the operational oceanography capacity for the whole region. The paper is well structured and I would like to see it published in the OS.

I have one suggestion to the authors concerning the comparison of the model results with in-situ data. There are several sources where the authors could seek for in-situ data such as:

1) MEDAR Group, 2002 - MEDATLAS/2002 database. Mediterranean and Black Sea

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database of temperature salinity and bio-chemical parameters. Climatological Atlas. IFREMER Edition (4 Cdroms).

2) the World Ocean Data Base 2009, using the on line search and select ool: <http://www.nodc.noaa.gov/OC5/SELECT/dbsearch/dbsearch.html>, where the authors can find several thousands of bottle, ctd, floats, etc vertical profiles of in-situ data.

In addition there are some minor syntax issues:

- page 2, line 18: "are being placed" instead of "are placing"
- page 2, line 25: "It should be noted the very different character" instead of "It should be noted very different character"
- page 3, line 3: "is the development" instead of "is development"
- page 4, lines 1-5: split the first 5 lines in two sentences, eg: "In this study we consider the regional forecasting system for the Easternmost part of the Black Sea and with the purpose of demonstrating the functioning of the system." Lines 3-4 are not clear to me
- page 4, line 7: "The main component of the regional forecasting system (RM-IG)" instead of "The main component of the regional forecasting system the RM-IG"
- page 5, line 2: "the sea surface which is considered as a rigid surface" instead of "the sea surface considered as a rigid surface"

Interactive comment on Ocean Sci. Discuss., 8, 397, 2011.

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