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Interactive
comment

Interactive comment on "Dealing with discontinuos meteorological forcing in operational ocean modelling" *by* Bjarne Büchmann

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Dear Editor,

1. The reviewers have requested inclusion of data from more stations, and this may mean that I will also need to use meteo-data from DMI (Danish weather service) HIRLAM-NEA. These data are (unfortunately, and due to restrictions imposed by DMI) not publicly available, but I will of course describe what is going on. The final title will be updated with "a case study with ECMWF-IFS, DMI-HARMONIE-NEA and GETM (v2.5)".

2. I am not sure exactly what is meant by "precisely identify which ECMWF data was used". Is this the actual field names, the horizontal resolution or something else?

The temporal resolution, areas of coverage and the periods are already explicitly mentioned.

Running a (semi-)operational model is so complex a task, that it is not possible for me to upload all data files, scripts and configurations in a way such that another user will be able to get exactly the same result - or even run them on a different system. I will strive to release as much data as possible - and in particular the raw data necessary for any figure used in the final paper. It is not clear, however, if data such as hotstart files for our particular GETM setups have any relevance for readers - and such files could actually contain data which we are not at liberty to release. This said, I am all in favour of open data, and I will strive to release as much as is possible. However, if GMD will insist on a release of ALL "input files and pre- or post-processing scripts", then I cannot comply, and the paper thus cannot be released in GMD. If that is the case, then I should like to be informed as soon as possible, such that I may consider other publication options.

3. I will put the exact (GETM) source code (probably in a tarball) alongside all data I am at liberty to give on an open server, such that it can be evaluated along-side the revised manuscript. I find scripts to download, format and convert meteo-data well beyond scope. The actual method suggested to prepare (ramp) the meteo will be included in a revised paper, as per response to reviewer 2.

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