

## ***Interactive comment on “High-resolution nested model for the Lebanese coastal area, Eastern Mediterranean: implementation and climatological runs” by N. Kabbara et al.***

**N. Kabbara et al.**

Received and published: 3 August 2006

The reviewer seems to have nearly identical comments to the review previously posted by Referee#2. We will address only the comments not already addressed in that response.

The reviewer states that validation of model performance and analysis of regional phenomenology are poorly presented. We agree that these could be developed more fully. However, with the lack of long-term continuous observations in the region, validation is difficult. The general circulation is known, but we cannot expect an eddy generated in the climatological model to be present in cruise data, especially when only few stations in the domain were occupied. Therefore, we have also used satellite images (from

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other papers) to validate the existence of similar eddies. More details can be given in regard to validation. A discussion of the mesoscale dynamics related to the simulated eddy could also be added.

Introduction does not just contain a list of experiments and models, but the basic result that has come from each. We agree more details should be included.

We do not know what is meant by “The authors very purely define the scientific questions..”

Map figure can be changed to include ALERMO domain, for those who are not familiar with the location of the model domain.

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Interactive comment on Ocean Sci. Discuss., 3, 373, 2006.

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