**Ocean Science
Discussions**

Interactive comment on "Nesting operational forecasting models in the Eastern Mediterranean: active and slave mode" *by* S. S. Sofianos et al.

S. S. Sofianos et al.

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The authors wish to thank the reviewer for his comments that will improve the paper and help clarify parts that are not adequately presented in the paper.

1. The "slave" mode, presented in the paper is the downscaling procedure implemented in the forecasting activities of the MFS forecasting system (in the framework of the MFS project). Since this paper is submitted for the MFS special issue on the "Mediterranean Forecasting System" the MFS downscaling procedure is used as the bench mark experiment. This aspect will be more clearly stressed in the paper and relevant reference (of the overall system description and other MFS papers presenting results) will be included.

2. The circulation features presented in the paper (Rhodes gyre, Ierapetra, Mersa

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Matruh and Shikmona anticyclones) will be described in the revised paper. The presentation of the circulation fields (see point 3) will also help to identify the important circulation features. Geographical locations will be included in Figure 1 of the paper.

3. Forecast flow fields for the "slave"/"active" experiments will be included in the paper.

All the changes mentioned above will be included in the revised manuscript after receiving the second referee comment.

Interactive comment on Ocean Sci. Discuss., 3, 1225, 2006.

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