

Interactive comment on “Atmospheric forcing by ALADIN/MFSTEP and MFSTEP oriented tunings” by R. Brožková et al.

Anonymous Referee #2

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The paper describes changes which were applied to ALADIN/MFSTEP to satisfy MFSTEP project requirements in the preparation of high quality meso-scale atmospheric fields over the Mediterranean basin, which were needed as forcing for shelf and basin models.

The representation of orography close to the coast as well as of surface fluxes over the water were in the main focus and improvements have been made and validated. The changes, which have been made, are clearly described in the paper.

The paper gives inside in the motivation of model improvement as well as in the physical and technical work. It describes in detail tuning coefficients and their meanings and tasks, so that the physical reasoning behind the changes becomes obvious. This can

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be very helpful for the improvement of similar modelling systems.

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