

Interactive comment on “The importance of meteorological scales to forecast air pollution scenarios on a complex-terrain coastal site of the Iberian Peninsula” by J. L. Palau et al.

Anonymous Referee #1

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This paper shows an excellent example of the influence of the complex topography on the outputs of the modeling results concerning atmospheric dynamics in the surrounding Mediterranean basins. The scenario arising from the combination of the effect of this complex topography with the convective dynamics has to be reproduced very accurately when detailed studies of atmospheric pollution are carried out in this region, since during long periods of the year the regional and local atmospheric dynamics are driven by small to middle scale circulations. Most of the scientists working in this subject are aware of these questions, but in my opinion it is very interesting to illustrate the potential errors if the scale selected for modeling does not take into account the

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influence of the complex topography. Congratulations to the authors for this interesting exercise.

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