

Interactive comment on “Large eddy simulation of urban features for Copenhagen metropolitan area” by A. Mahura et al.

I. Esau (Referee)

igore@nersc.no

Received and published: 14 December 2005

Since I tried to make a review already 3 times and every time the system failed to update it, I have to save my time and to be very brief. Conclusions: 1) The manuscript has nothing to do with LES, it employs the SUBMESO - a meso-scale model working on meso-gamma scales. 2) Quality and ability of the SUBMESO to simulate properly turbulence physics and interactions with the complex terrain is questionable. To my knowledge, no tests and model intercomparisons involving SUBMESO have been published. 3) Results are inconclusive. Definitely some comparisons with in situ data are needed. 4) The text is wordy and badly structured. The main aim, objectives and possible applications of the study should be presented more clearly. 5) I usually do

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not judge language use but here English is far too bad for publications. 6) In spite of these points, the subject of the manuscript is interesting and scientifically sounded. 7) The modelling method described improperly but it should be robust for reasoning the differences in fluxes on aggregated scales larger than 1 km or so. 8) Major revision is needed.

Interactive comment on Atmos. Chem. Phys. Discuss., 5, 11183, 2005.

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