

***Interactive comment on “Positive feedback of dust aerosol via its impact on atmospheric stability during dust storms in the Eastern Mediterranean” by S. Remy et al.***

**S. Remy et al.**

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Dear Editor, dear reviewers,

It appeared that there was a bug in the aerosol optical properties that were used, affecting significantly the LW radiation from aerosols, and also the SW scattering in a smaller way.

The experiments have been run again with the right code (using two sets of aerosol optical properties), and the results and conclusions of this study are very different.

The article has been rewritten almost entirely to reflect these changes. Because of  
C13046

these developments, a new review may be needed. I am going to post this afternoon some answers to the points raised by the reviewers. A few remarks are not relevant anymore since the corresponding parts of the article has been replaced.

Kind regards, Samuel Rémy

Please also note the supplement to this comment:

<http://www.atmos-chem-phys-discuss.net/14/C13046/2015/acpd-14-C13046-2015-supplement.pdf>

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Interactive comment on Atmos. Chem. Phys. Discuss., 14, 28147, 2014.