Interactive comment on “Atmospheric acidification of mineral aerosols: a source of bioavailable phosphorus for the oceans” by A. Nenes et al.

Anonymous Referee #1

Received and published: 5 April 2011

Review of Nenes et al. “Atmospheric acidification of mineral aerosols: a source of bioavailable phosphorus for the oceans”

This is a really excellent paper, and I have very few suggestions for improvement:

The only substantive comment is that the methods should be in the main text and not an appendix: should be easy to move the whole appendix up to methods.

otherwise minor comments: 1. I think the magenta and blue are too similar: more different colors would be preferred (red and blue)? 2. I also encourage you to cite Alex Baker's data Baker et al., 2008: Deep sea research, which showed a gradient in P in dust coming off the coast of North Africa.
Interactive comment on Atmos. Chem. Phys. Discuss., 11, 6163, 2011.