

Interactive comment on “Trends of particulate matter (PM_{2.5}) and chemical composition at a regional background site in the Western Mediterranean over the last nine years (2002–2010)” by M. Cusack et al.

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“It would be interesting to relate the results of Figure 5 with the Figure 9 (middle panel) of Ginoux et al. (2004, http://www.gfdl.noaa.gov/bibliography/related_images/png0401.png). The correlation between dust and NAO index seems to match quite nicely, although the periods don't totally overlapped. The simulated results of Ginoux et al. (2004) may help you interpret the regional variability of such correlation in Spain.”

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Response:

Thank you for drawing my attention to this interesting, and very relevant, article. I have referenced it in the text as such:

“Furthermore, a study by Ginoux et al. (2004) observed a high correlation between dust surface concentration and NAO over much of the North Atlantic and the western part of North Africa during winter.”

Interactive comment on Atmos. Chem. Phys. Discuss., 12, 10995, 2012.

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