

**Editor comments on the revised version of the ms. acp-2018-1101 by T. Drugé et al., entitled “Model simulation of ammonium and nitrate aerosols distribution in the Euro-Mediterranean region and their radiative and climatic effects over 1979-2016”**

François Dulac, 06 March 2019

Thank you for your corrections. I am pleased to accept your manuscript for publication in the ChArMEx Special Issue in ACP pending a few additional technical corrections listed hereafter (changes are underlined):

- Section 2. 1, p.4, line 17: Prospero et al., Environmental characterization of global sources of atmospheric soil dust..., Rev. Geophys., 2002, would be a good additional or alternative reference here.
- Section 2.2.3: p.8, l.7: Check “An another”.
- Section 2.2.3: p.8, lines 24-25: I suggest to replace “be taken into account” by “stay in mind”.
- Section 2.2.4: p.9, l.6: change to “close to the sulphate deposition velocity already used”.
- Section 4.2, p.12, l.11: specify “(both Aqua and Terra)”.
- References: use an index in “NO<sub>2</sub>” in Georgoulas et al. (2018); insert Prospero et al., 2002 following above recommendation; capitalize the journal name “Climate Research” in Zanis et al. (2012).

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