

## ***Interactive comment on “Chemical footprints of anthropogenic nitrogen deposition on recent soil C : N ratios in Europe” by C. Mulder et al.***

**C. Mulder et al.**

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We find it surprising that referee #4 does not refer to our extended supplement at <http://www.biogeosciences-discuss.net/12/C2059/2015/bgd-12-C2059-2015-supplement.pdf> as many of the answers to the questions (s)he raises are embedded there.

We also like to note that none of the other referees complained about any lack of structure as referee #4 is doing, and the same holds true for his/her complaint regarding the lack of discussion on the mechanisms behind the findings. For example, it is not the purpose of our paper to speculate on possible reasons why N deposition is not an explanatory factor for Cools et al. (2013). In addition, we did not exclude high N deposition areas, as suggested.

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Many of the details/comments/remarks are already covered by our cited references and out of the scope of this paper, e.g. detailed description of the atmospheric dispersion model and the LUCAS soil data, both fully available online.

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