

Interactive comment on “Source-receptor matrix calculation for deposited mass with the Lagrangian particle dispersion model FLEXPART v10.2 in backward mode” by Sabine Eckhardt et al.

Anonymous Referee #2

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This paper presents the addition of wet and dry deposition to FLEXPART applications in backward concentration mode. The manuscript is well written and the information is presented in a clear and concise manner. Nevertheless, I have a major concern: Including wet and dry deposition only for gas species would be perfectly acceptable, however, given that the applications presented in this work involve aerosols the authors missed to incorporate the settling velocity in the backwards application. If the omission is intentional, please include language in your manuscript justifying it.

Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2017-131>, 2017.