

Interactive comment on “Revising global ozone dry deposition estimates based on a new mechanistic parameterisation for air-sea exchange and the multi-year MACC composition reanalysis” by Ashok K. Luhar et al.

L.J. Carpenter

ljc4@york.ac.uk

Received and published: 20 October 2017

I enjoyed reading this paper which carefully lays out improvements to the authors' previous oceanic O₃ dry deposition formulation by including chemical reactivity below the reaction-diffusion sublayer. I have a question which I don't think any of the reviewers raise, on the reaction-diffusion sublayer thickness: how were the values of the constant c_0 chosen?

Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2017-768>,

C1

2017.

C2