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Geoscientific Model Development Discussions

Interactive comment on "Description of EQSAM4: gas-liquid-solid partitioning model for global simulations" *by* S. Metzger et al.

S. Metzger et al.

swen.metzger@mpic.de

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Final reply

We thank R. Lescroart and anonymous referee 2 for their time to review this manuscript and the Editorial Support of Copernicus Publications for the extensions of the reply period.

Unfortunately, the editor had immediately rejected the manuscript, since both reviews recommended rejection. Although we do not share this point of view, we do take criticism serious. For instance, we already have clarified various issues raised,

especially by R. Lescroart with the ACPD companion manuscript, which now has been revised and published in ACP:

Metzger, S., Steil, B., Xu, L., Penner, J. E., and Lelieveld, J.: New representation of water activity based on a single solute specific constant to parameterize the hygroscopic growth of aerosols in atmospheric models, Atmos. Chem. Phys., 12, 5429-5446, http://www.atmos-chem-phys.net/12/5429/2012/acp-12-5429-2012.html, 2012.

Next, we will address the issues and comments raised here and resubmit a revised manuscript in hope that the community eventually finds it a useful model and description, too.

Interactive comment on Geosci. Model Dev. Discuss., 4, 2791, 2011.