

**Analysis of nucleation events in the European boundary layer using the regional aerosol-climate model
REMO-HAM with a solar radiation-driven OH-proxy**

Author's Response

Dear Dr. Nemitz,

Again, the Copernicus system wants all changes to be made to their L^AT_EX version of the manuscript and unfortunately this does not work perfectly on my machine. This means that some styles of equations, variables etc. might not be in their final form.

An English native speaker checked the manuscript (as did some of the coauthors). We also fix the Eq. (2): radiation is now SWF_↓, which is consistent with the modifications done earlier.

Thank you for your help.

Best Regards,
Joni