



## Supplement of

## Impacts of emission reductions on aerosol radiative effects

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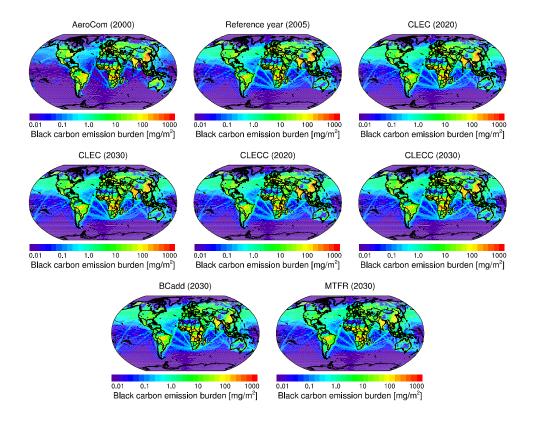


Figure S1: Black carbon emission burden from different sources and scenarios.

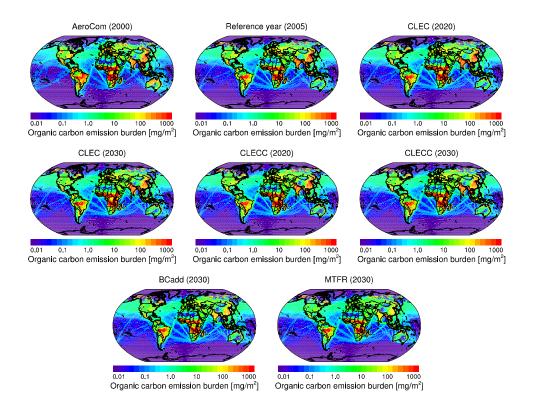


Figure S2: Organic carbon emission burden from different sources and scenarios.

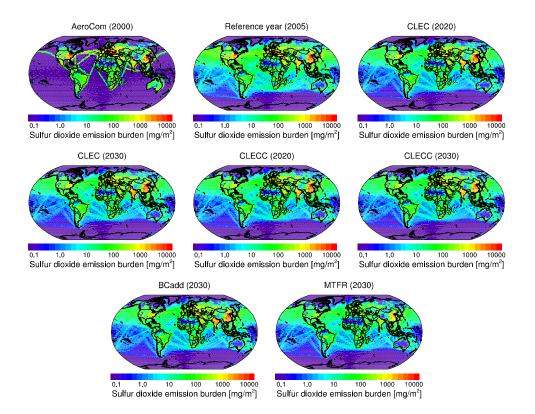


Figure S3: Sulphur dioxide emission burden from different sources and scenarios.

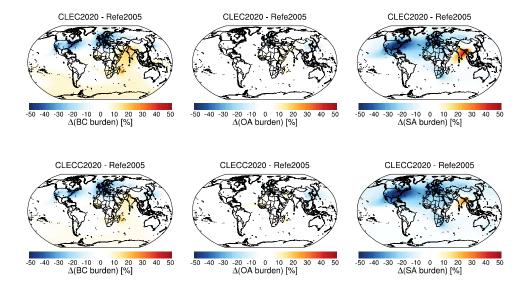


Figure S4: The relative difference of CLEC2020 and CLECC2020 scenarios to the reference run for BC, OA and SA burdens.

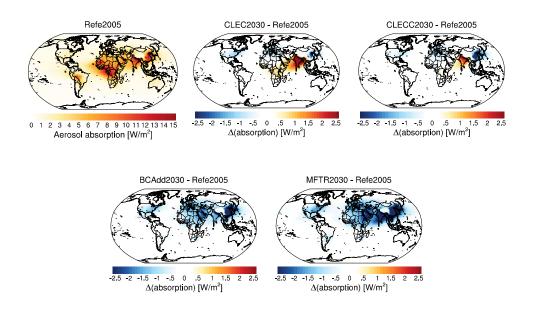


Figure S5: The yearly mean aerosol absorption from the reference run and the difference between scenarios and the reference run.

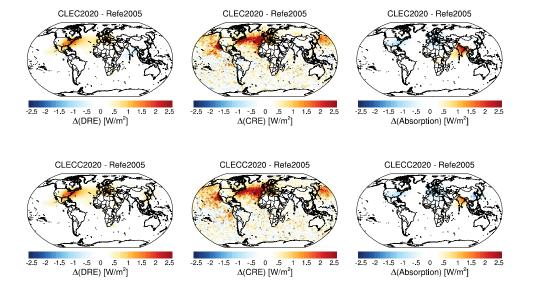


Figure S6: The relative difference of CLEC2020 and CLECC2020 scenarios to the reference run for DRE, aerosol absorption and CRE.