

Supplementary Material

Figure S1. Monthly mean temperature difference due to perturbation in initial and boundary conditions (a), and daily mean OH (b), mean PBLH (c) and mean near surface wind speed changes (d) due to temperature increase based on 2010 emission levels

Figure S2. Monthly mean changes of sulfate (a), nitrate (b), ammonium (c), BC (d), OC (e), and PM_{2.5} (f) and due to temperature increase based on 2010 emission levels

Figure S3. Monthly mean changes of PM_{2.5} (a), LWP (b), and AOD at 600nm (c) due to RH decrease based on 2010 emission levels

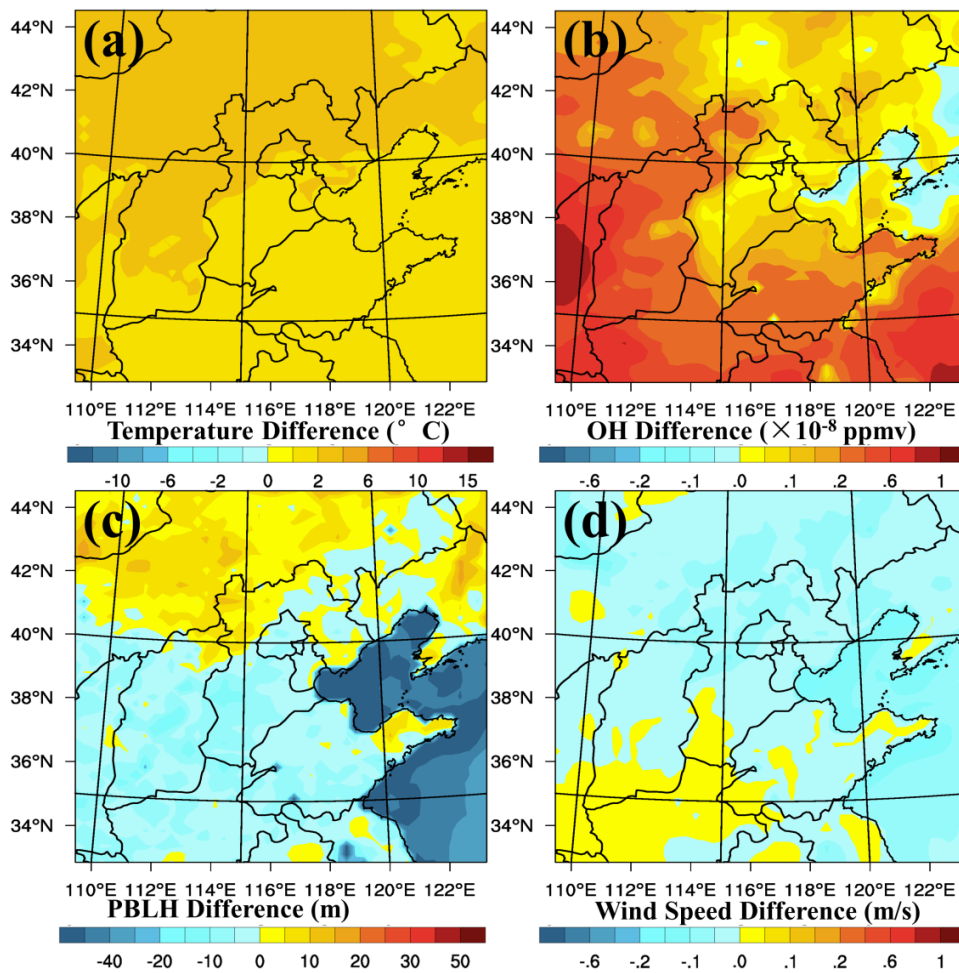


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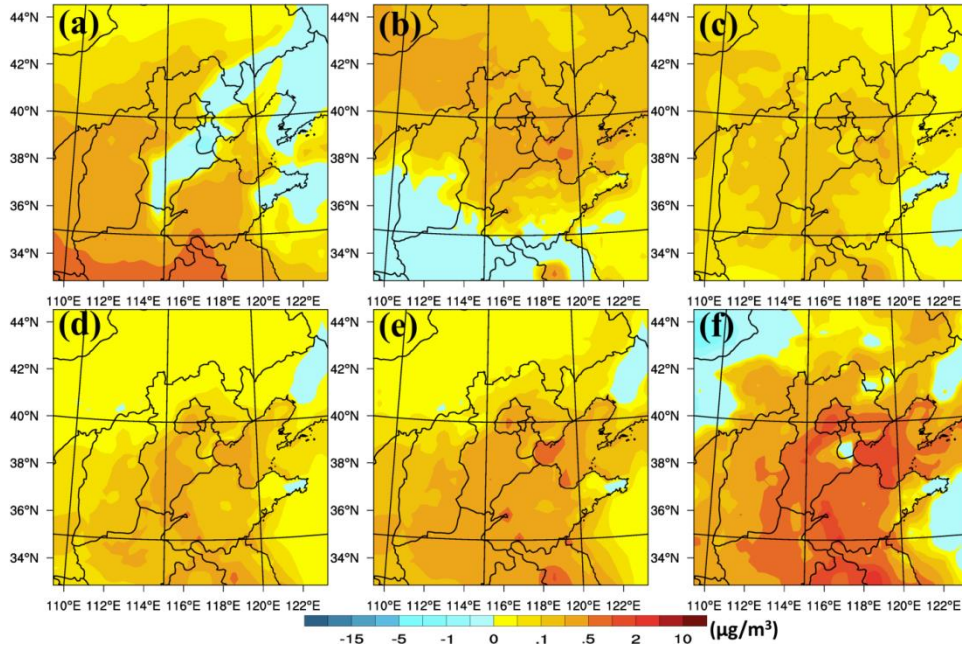


Figure S2. Monthly mean changes of sulfate (a), nitrate (b), ammonium (c), BC (d), OC (e), and $\text{PM}_{2.5}$ (f) and due to temperature increase based on 2010 emission levels

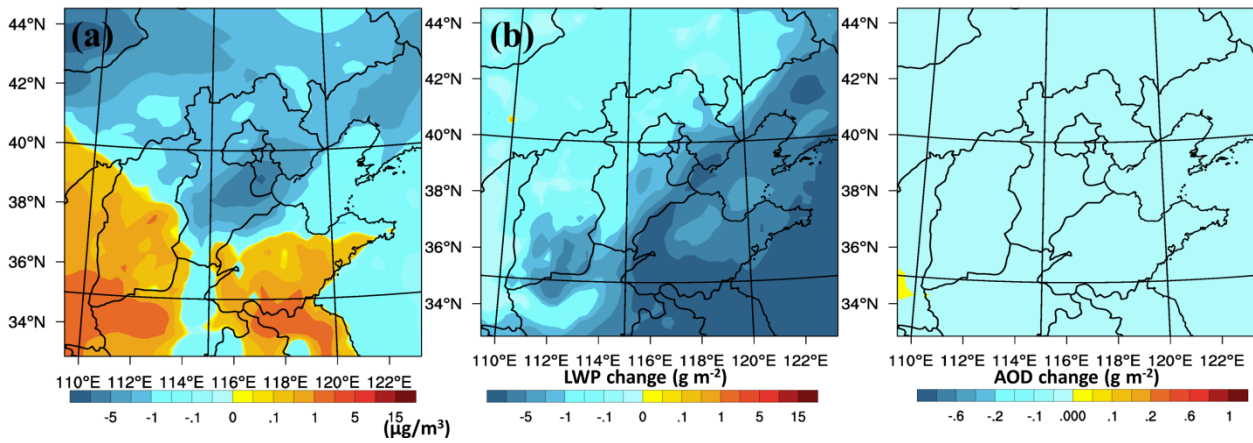


Figure S3. Monthly mean changes of $\text{PM}_{2.5}$ (a), LWP (b), and AOD at 600nm (c) due to RH decrease based on 2010 emission levels