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# To what extents do urbanization and air pollution affect fog?

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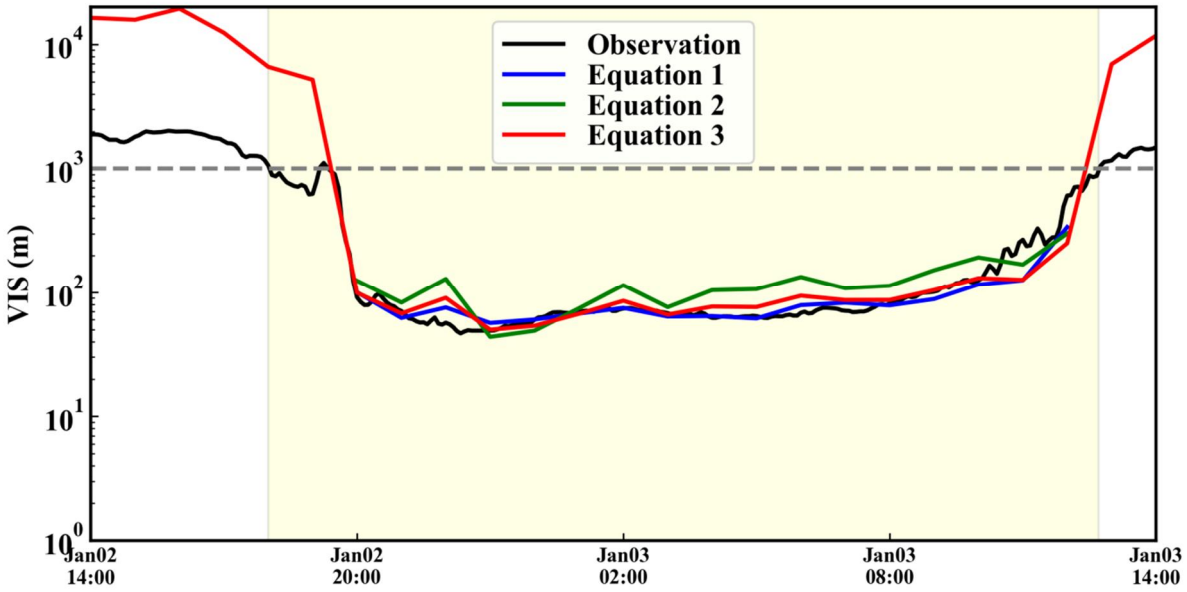


Figure S1. Comparisons of VIS calculated by Equations 1, 2 and 3. The fog period (observed VIS < 1 km and RH > 90 %) is shaded with light yellow. Note that Equations 1 and 2 only consider the extinction by fog water, while Equation 3 considers the extinction by fog water and aerosols.

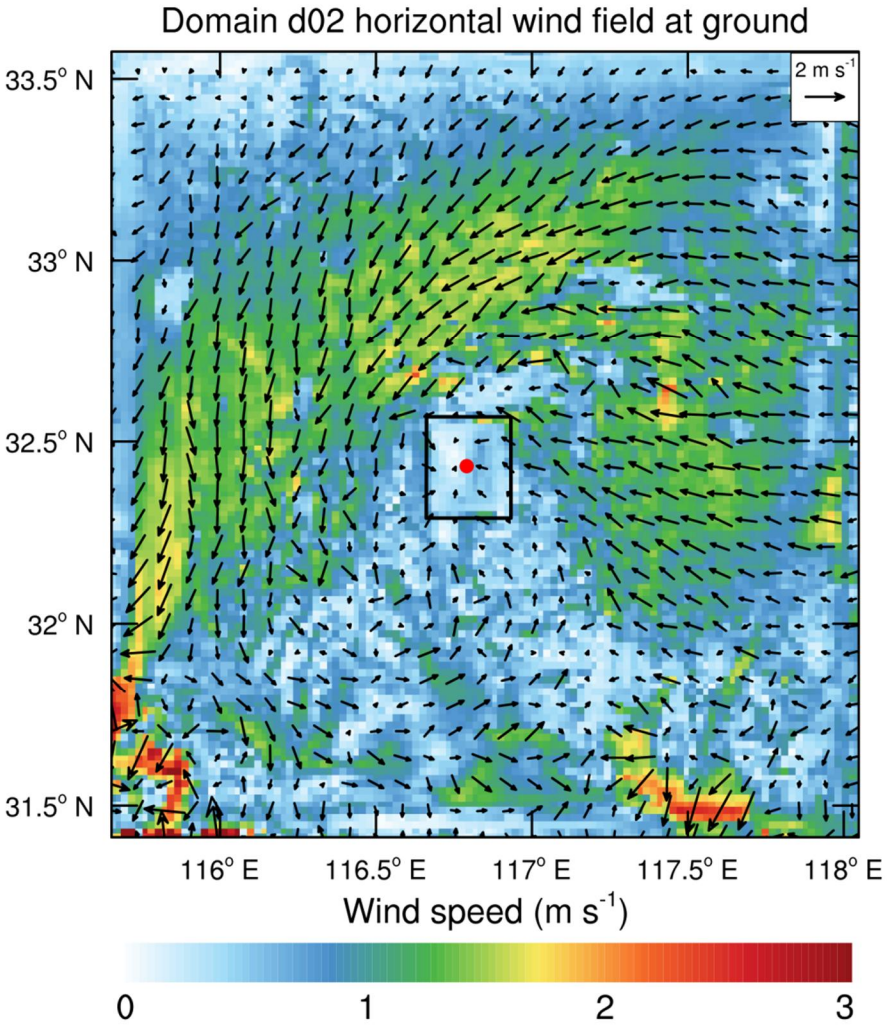


Figure S2. The wind vector (arrows) and wind speed (shaded) in u3e0 at 05:00 03 January 2017. The red dot is SX, and the black box around SX is replaced by urban surface in this experiment. This box shows a wind convergence.

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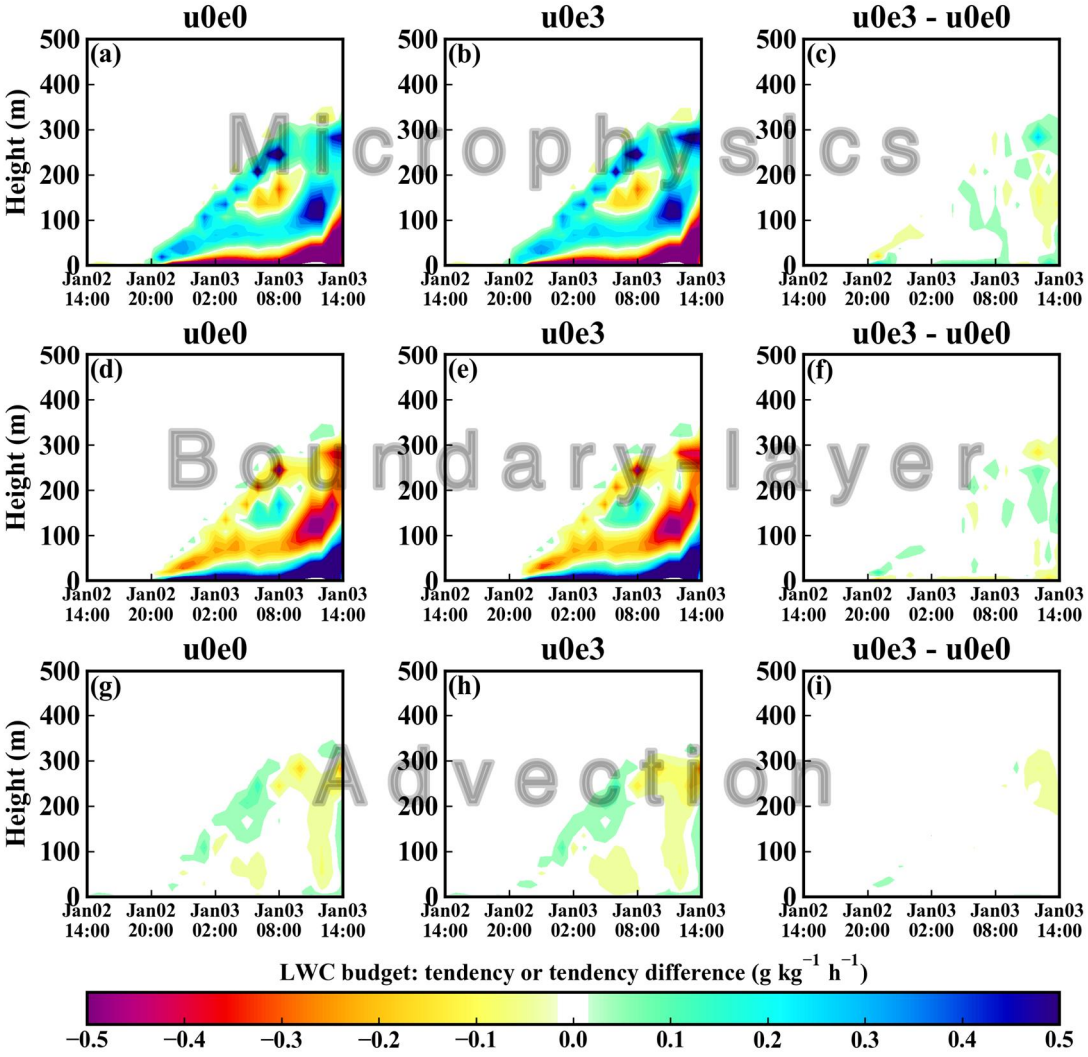


Figure S3. Same as Fig. 10, but for the aerosol effect (u0e3 minus u0e0).

15

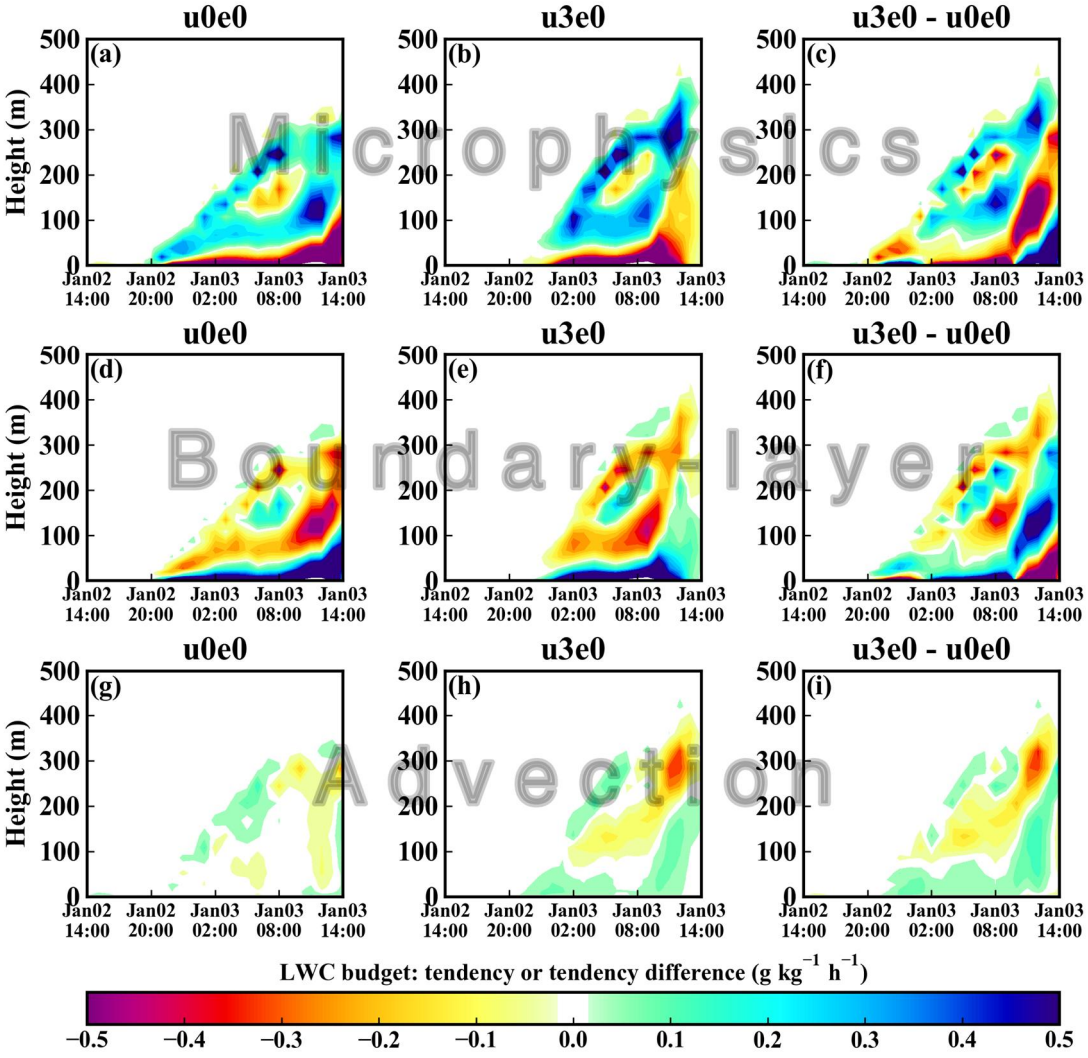


Figure S4. Same as Fig. 10, but for the urbanization effect (u3e0 minus u0e0).