

**Evaluation of NU-WRF Performance on Air Quality Simulation under Various Model Resolutions –  
An Investigation within Framework of MICS-Asia Phase III  
By Z. Tao et al.**

The authors greatly appreciate the reviewer's recommendation of acceptance of the manuscript for publication. We have made the minor revision as suggested. The following lists our responses (plain text) to the reviewer's comments (bold).

**1. L6: add “simulations” after “meteorology and air quality”.**

Done.

**2. L75: L140-141: What is the frequency that the aerosol LBCs are updated with the GOCART simulation?**

The aerosol LBCs from GOCART were updated every 6 hours. The sentence in L140-141 has been modified as:

“The aerosol LBCs were from the global GOCART simulation with a resolution of 1.25 (longitude) by 1 (latitude) degree (Chin et al., 2007) updated every 6 hours.”

**3. Figures 2,3,4,5: Please specify the time periods that the model performance represents in the figure captions.**

Done.