

Interactive comment on “The air quality forecast of PM₁₀ in Beijing with Community Multi-scale Air Quality Modeling (CMAQ) system: emission and improvement” by Q. Wu et al.

Anonymous Referee #1

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Suggestions were given below, 1) Section 3.3: why have you added more point source emissions in the surrounding areas of Beijing? Just for the improvement of your simulations? 2) Section 3.3: More point source emissions were added and the area emissions were updated in the original domain D4 or in the expanded Domain D4? 3) Please add the simulations in Figs. 7, 8, and 9 only when domain D4 was expanded, more point source emissions were added, and the area emissions were updated, respectively? 4) Please add the simulations when more point source emissions were added and the area emissions were updated but domain D4 was NOT expanded. 5) If possible, please add the WRF-Chem model simulations when more point source emissions were added and the area emissions were updated but domain D4 was NOT expanded. 6) Please

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add the implications of your research. 7) English still needs improving.

Interactive comment on Geosci. Model Dev. Discuss., 7, 3403, 2014.