

## ***Interactive comment on “Effect of isoprene emissions from major forests on ozone formation in the city of Shanghai, China” by F. Geng et al.***

### **Anonymous Referee #2**

Received and published: 24 August 2011

This paper investigates the impact of isoprene emissions from major forests on ozone formation in a Shanghai, a megacity, using the coupled regional meteorology and chemical transport model WRF-Chem. Biogenic-anthropogenic interaction on urban pollution is an important area of research; this study will be a valuable contribution to the literature on this topic. The paper should be published on ACD with minor revisions.

- On page 18530, line 20: Provide the value of 2.56 trillion RM in US dollars or Euros to give westerners a better perspective.
- Section 2.2 and Table 1 should include information on the sampling duration. Discussion of measurement error and uncertainty should also be included.
- Although it is obvious, Table 1 should label the units for temperature and isoprene

C8164

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper



concentration.

- What are the dashed lines in Figure 4?
- The domains shown in Figure 2 and Figures 4-9 are different than the domain shown in Figure 1 such that it is difficult to get a sense of the spatial scales in each figure. Putting a box in Figure 1 outlining the subdomains shown in other figures would be useful. Also useful would be to include latitude longitude coordinates or a distance scale in Figure 1.

---

Interactive comment on Atmos. Chem. Phys. Discuss., 11, 18527, 2011.

[Full Screen / Esc](#)[Printer-friendly Version](#)[Interactive Discussion](#)[Discussion Paper](#)