

## Review for Pan et al.: The Sensitivity of Smoke Aerosol Dispersion to Smoke Injection Height and Source-Strength: A Multi-Model AeroCom Study

**Last update** on December 5, 2025, by Xiaohua Pan

**Review #2,**

**General Remarks:** The authors responded to all my comments and implemented most of them to my satisfaction. Considerable effort was made to extensively revise the manuscript and turn it into a well-written paper.

Some figures still need improvement: In Fig. 2A, the color bar is too small. In Figs. 3, 5, 8, and 11, the white space for larger panels should be reduced and the color bar is too small. In Figs. 4 and 7, the legend is illegible. Fig. 9 is completely illegible. Here, the number of panels should be reduced or landscape format should be used.

**Response:** We sincerely thank the reviewer for their thoughtful feedback and kind words. We are pleased to hear that the revisions have addressed your comments satisfactorily and that the manuscript is now considered well-written. Your insights were instrumental in improving the clarity and quality of the paper, and we greatly appreciate the time and effort you dedicated to reviewing our work.

We have revised all figures mentioned above to improve clarity and readability:

- **Figure 2A**, the size of text in the color bar was increased.
- We reduced white space between panels and increased the size of the color bar and legends in **Figures 3, 5, 8, and 11**.
- **Figure 4 and 7**, the size or font of the legend was increased.
- We agree that **Figure 9** is crowded. We prefer to present this figure in landscape format in the final print version.