

Interactive comment on “Sulfur dioxide and primary carbonaceous aerosol emissions in China and India, 1996–2010” by Z. Lu and D. G. Streets

Anonymous Referee #2

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This is an excellent paper, thoroughly describing the development of an emissions inventory of SO₂, BC and OC for China and India, covering 1996–2010. The methodology is described thoroughly. The determination of uncertainty estimates using Monte Carlo simulations is of particular value, providing emissions sector-specific uncertainties. The analysis of the changes in emission over years, as well as by season, is very well presented. The authors also extensively cite previous work, and make comparisons to existing inventories for this time period and location.

This inventory will be of exceptional value to regional and global modelers. I highly recommend publication in ACP.

The only technical correction is the captions of Figs. S1–S3, which refer to 2008 where the label on the map is 2010.

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Interactive comment on Atmos. Chem. Phys. Discuss., 11, 20267, 2011.

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