

Interactive comment on “Constraining sector-specific CO₂ and CH₄ emissions in the United States” by Scot M. Miller and Anna M. Michalak

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Hi Scot,

Nice to see your manuscript on this topic – very useful.

I just have a quick comment. Here are two recent papers that also investigate spatial and temporal limits on emissions constraints from current and future remote sensing instruments, which you might consider citing in your work (e.g., section 4.1):

Bousserez, N., Henze, D. K., Rooney, B., Perkins, A., Wecht, K. J., Turner, A. J., Natraj, V., and Worden, J. R.: Constraints on methane emissions in North America from future geostationary remote-sensing measurements, *Atmos. Chem. Phys.*, 16, 6175-6190,

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doi:10.5194/acp-16-6175-2016, 2016.

Jacob, D. J., Turner, A. J., Maasakkers, J. D., Sheng, J., Sun, K., Liu, X., Chance, K., Aben, I., McKeever, J., and Frankenberg, C.: Satellite observations of atmospheric methane and their value for quantifying methane emissions, *Atmos. Chem. Phys. Discuss.*, doi:10.5194/acp-2016-555, in review, 2016.

Best,

Daven

Interactive comment on *Atmos. Chem. Phys. Discuss.*, doi:10.5194/acp-2016-643, 2016.