

Interactive comment on “Overview of the 2010 Carbonaceous Aerosols and Radiative Effects Study (CARES)” by R.A. Zaveri et al.

Anonymous Referee #2

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This paper attempts to provide an overview of the CARES campaign for the associated special issue in ACP. While this paper is well-written and unquestionably comprehensive (if a little laborious), I unfortunately cannot recommend publication in ACP because it does not seem to present any scientific conclusions. This paper does provide scientific context for the study, logistical details and a summary of key objectives, but these are already available (for the most part) in the ARM project documentation produced by the same lead authors (<http://www.arm.gov/publications/programdocs/doe-sc-arm-10-017.pdf> and <http://www.arm.gov/publications/programdocs/doe-sc-arm-10-018.pdf>). This paper also provides some data taken during the study, but it does not present any further analysis of these or any scientific conclusions arising, instead referring to future publications. As such, this reads more like a progress report than a scientific publication. While I imagine the existence of such a document is probably

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useful on some levels, I would question whether ACP is an appropriate forum for it.

I would therefore recommend that this is not be published in ACP at this time and in its current form. I suggest that the authors rework and resubmit this paper after more of the scientific work in this project has been completed, allowing the key findings to be summarised in addition to providing project details and an overview of the data. Such a paper will be of much more value to the wider scientific community and will also be in keeping with other special issue overview papers published in this and other journals.

Interactive comment on Atmos. Chem. Phys. Discuss., 12, 1299, 2012.