

Interactive comment on “A new approach for highly resolved air temperature measurements in urban areas” by M. Buttstädt et al.

Anonymous Referee #2

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In my opinion this paper should be longer and include more results in order to be published. The method (usage of public transportation) for mobile temperature measurements in an urban area is not new and the response of the sensors is not high enough for actually high resolution measurements. The usage of public transportation buses instead of other transportation means in order to increase areal coverage is not sufficient to claim an original method. Thus, more and better data and an extended analysis, which should show the quality of the measurements and reach to some new findings on urban heat island effect in the area of measurements, is required. Such work is described by the authors in the conclusions of the paper as future work.

Interactive comment on Atmos. Meas. Tech. Discuss., 4, 1001, 2011.

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