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Interactive comment on “Integration of remote sensing data and surface observations to estimate the impact of the russian wildfires over Europe and Asia during August 2010” by L. Mei et al.

Anonymous Referee #1

Received and published: 23 August 2011

General Comments:

The authors have done a good effort to put together different satellite and ground measurements for a critical fire season in Russia last year. My main concern with the paper is that it is too descriptive. It does not include quantitative relations between the different data sources, neither it explicitly defines the hypothesis and whether they are validated with the results. The discussion does not provide relevant information on how their results relate to other studies in the field, neither how to improve the management of the health crisis that such a severe fire seasons may imply elsewhere.

Specific comments.

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Lines 5-6. The authors use hectares instead of km² to refer to burned areas in the last quotation. They should unify for coherency with the previous references. Figure 1 is not very informative. I suggest the authors focused on the main area of interest and show the actual ignition points Spelling error in page 7749 line 6

Interactive comment on Biogeosciences Discuss., 8, 7741, 2011.

BGD

8, C2635–C2636, 2011

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