

***Interactive comment on “EAGLE 2006 –
multi-purpose, multi-angle and multi-sensor
in-situ, airborne and space borne campaigns over
grassland and forest” by Z. Su et al.***

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We thank both referees for their helpful comments to our MS. In the following a point by point response is provided.

Pg 1810Ln17-19: The sensor has been re-calibrated by the manufacturer after the field campaign. The new calibration factors were then used to correct the radiometer data. An additional explanation has been included in the text.

Pg 181: The figure has been reduced to three measured parameters (CO₂ content, potential temperature and H₂O content, which also define the carbon, sensible and latent heat flux) that are considered most relevant, in order to increase the overall

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clarity of the figure. This gave the opportunity to increase the digit size, which has now become readable, and text has been added on the several axes.

Pg 1811Ln27-29: This was meant as a general remark and some text has been added to clarify that. In addition a remark is added (and a reference) explaining that the underestimation of the turbulent fluxes using EC measurements most likely originates from the integration time used.

Pg 1833: The figure has been adapted by using a similar scale for all thermal infrared images. A uniform scalebar is now used and the font size of the numbers on the scalebar has been increased such that they have become readable.

Pg 1835, 1837-1838: This has been changed.

Pg 1840-1841: This has been incorporated. A remark has been added in the caption of the figures under consideration.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 6, 1797, 2009.

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