

## ***Interactive comment on “Variations in leaf physiological properties within Amazon forest canopies” by J. Lloyd et al.***

**J. Lloyd et al.**

Received and published: 14 March 2010

Responses to the two referees and the editor have been detailed separately under the appropriate threads.

In addition, there is now an added Figure 10 in Section 6.2 (with associated supplementary information also included). This shows that the model predicted variation in  $k_p$  with photosynthetic capacity is verified via a global literature review of  $V_{max}$  at the top of the canopy and associated gradients in  $V_{max}$  within plant canopies (expressed as a function of cumulative LAI) for broad-leaf trees. An equation that modellers can readily use is also provided as part of this new component of the paper.

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Interactive comment on Biogeosciences Discuss., 6, 4639, 2009.