4/25/2011

Dear Dr. Oliver,

It was nice meeting you in Kiev. Your work complements ours' with not too much overlap. Following your session I looked for you, but without success. The congress did not provide much opportunity for discussion after the presentations, harking back to the old Soviet times!

Our approach has been to use an improved version of Spitfire (Thonicke et al. 2010) combined with a model based on LMSz-Orchidee-Inca (Hauglustaine et al. 2004).

Thonicke K, Spessa A, Prentice IC, Harrison SP, Dong L and Carmona-Moreno C (2010). The influence of vegetation, fire spread and fire behaviour on biomass burning and trace gas emissions: results from a process-based model. Biogeoscience 7: 1991-2011.

Hauglustaine  DA, Hourdin  F, Jourdain  L, Filiberti  MA  et  al (2004)  Interactive chemistry  in  the  Laboratoire  de  Meteorologie  Dynamique  general  circulation model:  Description  and  background  tropospheric  chemistry  evaluation.  J  Geophys  Res ‐ atmosph  109, D04314, doi:10.1029/2003JD003957. 

These models do not rely on untested assumptions such as Gaussian distributions and the like.

Hopefully we will meet some other time under conditions that are more conducive for exchange of points of view. We have included a workshop for our project halfway through the project. Perhaps that would be a good opportunity? And Paris is halfway between the US and Chernobyl!

Yours sincerely,

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