

## ***Interactive comment on “Measurements of reactive chlorocarbons over the Surinam tropical rain forest: indications for strong biogenic emissions” by H. A. Scheeren et al.***

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This manuscript presents interesting results on emissions of naturally emitted halocarbons with potentially important implications for their atmospheric budgets. The authors present an alternative, rather novel way for inferring surface fluxes based on estimating the forest contact time (FCT). Considering geophysical variability, which alone can introduce flux errors up to 30% depending on atmospheric stability, the errors for the reported halocarbon flux estimates are surprisingly small: e.g. <10% for  $\text{CHCl}_3$ . How do the flux estimates based on the FCT compare with values obtained from the mixed layer gradient and the mixed layer budget/box techniques, which are used as 'standard' methods for deriving surface fluxes? (see also Spirig et al.: Atmos. Chem. Phys.

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Discuss.,3,5357-5397,2003).

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Interactive comment on Atmos. Chem. Phys. Discuss., 3, 5469, 2003.

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