

## ***Interactive comment on “Parameterization of oceanic whitecap fraction based on satellite observations” by M. F. M. A. Albert et al.***

**I. Brooks**

i.brooks@see.leeds.ac.uk

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This paper aims to improve the accuracy of sea spray source function defined via the whitecap method – where the source flux is defined as the product of whitecap fraction,  $W$ , and the aerosol produced per unit area whitecap over the lifetime of the whitecap. It aims to improve the accuracy of this approach by reducing the uncertainty in the parameterization of  $W$  “by better accounting for its natural variability”. We feel it fails to fulfill its goals, and has some significant problems with the methodology employed.

See supplemental file for a detailed discussion of these problems.

Ian Brooks & Dominic Salisbury

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Please also note the supplement to this comment:  
<http://www.atmos-chem-phys-discuss.net/15/C7349/2015/acpd-15-C7349-2015-supplement.pdf>

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