

Investigation of active and passive microwave ocean datasets to infer air-sea interfacial processes

D. Vandemark, Y. Quifen, H. Feng, B. Chapron, F. Ardhuin, A. Mouche

QUESTION:

Can nadir radiometry be used to examine or isolate foam variations?

METHODS:

- Use nadir view 18, 21, 34 GHz Jason radiometer data
- Coincident short wave data from nadir Jason altimeter
- WAVEWATCH III

RESULTS:

Come and see

18 GHz Emiss_excess vs. wind, whitecap coverage

