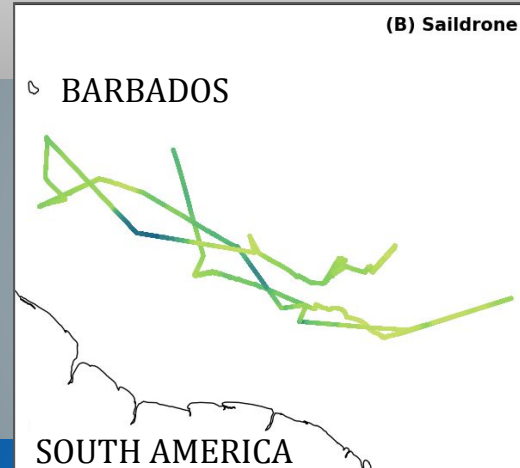


REMOTE SENSING &  
MODELING

+



IN SITU MEASUREMENTS

SATELLITE:  
SMAP JPL,  
RSS40km & 70km

MODEL:  
HYCOM

SMAP RSS 70 km performed best overall. SMAP RSS 40 km performed best within freshening events. HYCOM failed to identify freshening events. SMAP JPL performed well under constant conditions.

The ATOMIC/EUREC<sup>4</sup>A Campaign allowed for unmatched data collection efforts. How well do SMAP & HYCOM represent salinity the Western Tropical Atlantic?

IN SITU DEVICES:  
Saildrones

VALIDATION

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