

## **Comparison of satellite, model, and in situ surface heat fluxes within and around the DYNAMO domain.**

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In situ time series of surface currents, temperature, radiation and meteorology were gathered between September and December of 2011 both from shipboard measurements from the R/V Revelle, and from moored buoys of the RAMA array and UW/APL buoys deployed specially for DYNAMO, In situ fluxes are calculated using the COARE 3 Bulk algorithm. In situ measurements made at nearly the same location are compared against each other.

OAFlux and TROPflux, daily  $1^{\circ} \times 1^{\circ}$  gridded satellite flux products, and **COAMPS** gridded model forecasts, are compared over a region  $10^{\circ}\text{S}$ - $10^{\circ}\text{N}$ ,  $40$ - $100^{\circ}\text{E}$ , which encompasses all Indian Ocean components of the DYNAMO field campaign. Fluxes interpolated from these gridded products are verified with daily average in situ flux observations.