



GHR SST XVII

SST actions at REMO

Gutemberg França



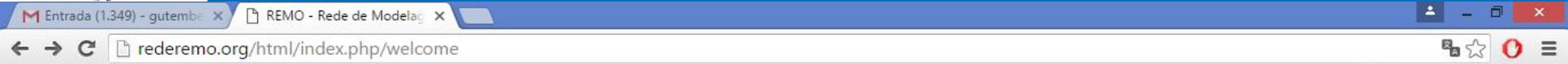


Activities

- REMO
- SST timeseries
- Investigation of unexpected positive bias of SST retrieval in southeast coast region in Brazil

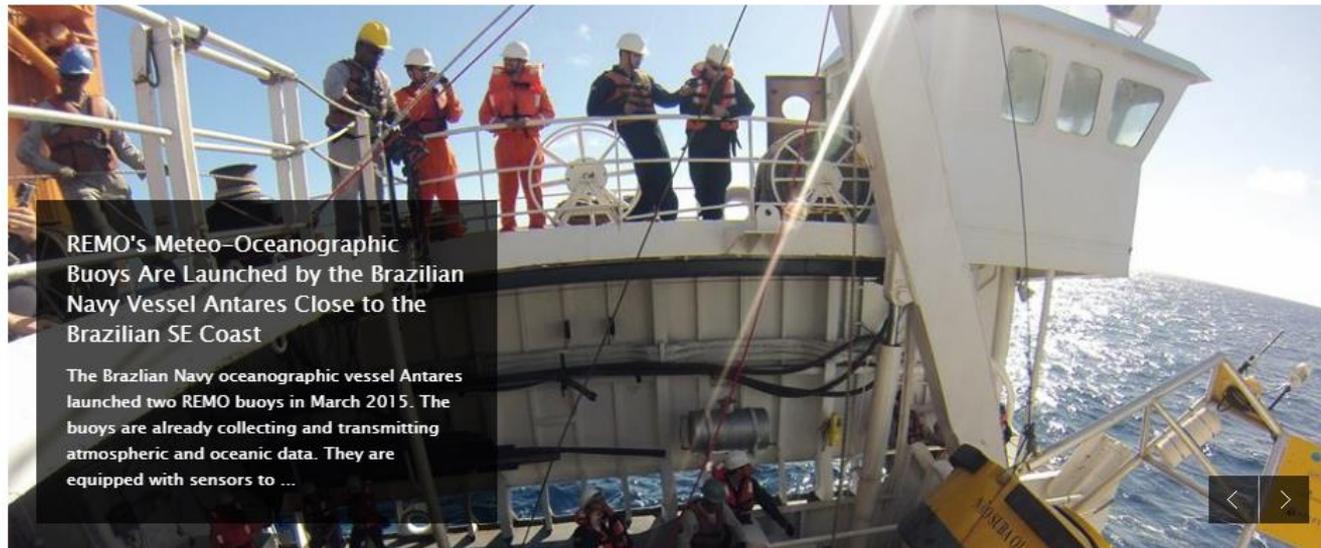


REMO



Oceanographic Modeling and Observation Network

A Brazilian initiative on operational oceanography



REMO's Meteo-Oceanographic Buoys Are Launched by the Brazilian Navy Vessel Antares Close to the Brazilian SE Coast

The Brazilian Navy oceanographic vessel Antares launched two REMO buoys in March 2015. The buoys are already collecting and transmitting atmospheric and oceanic data. They are equipped with sensors to ...



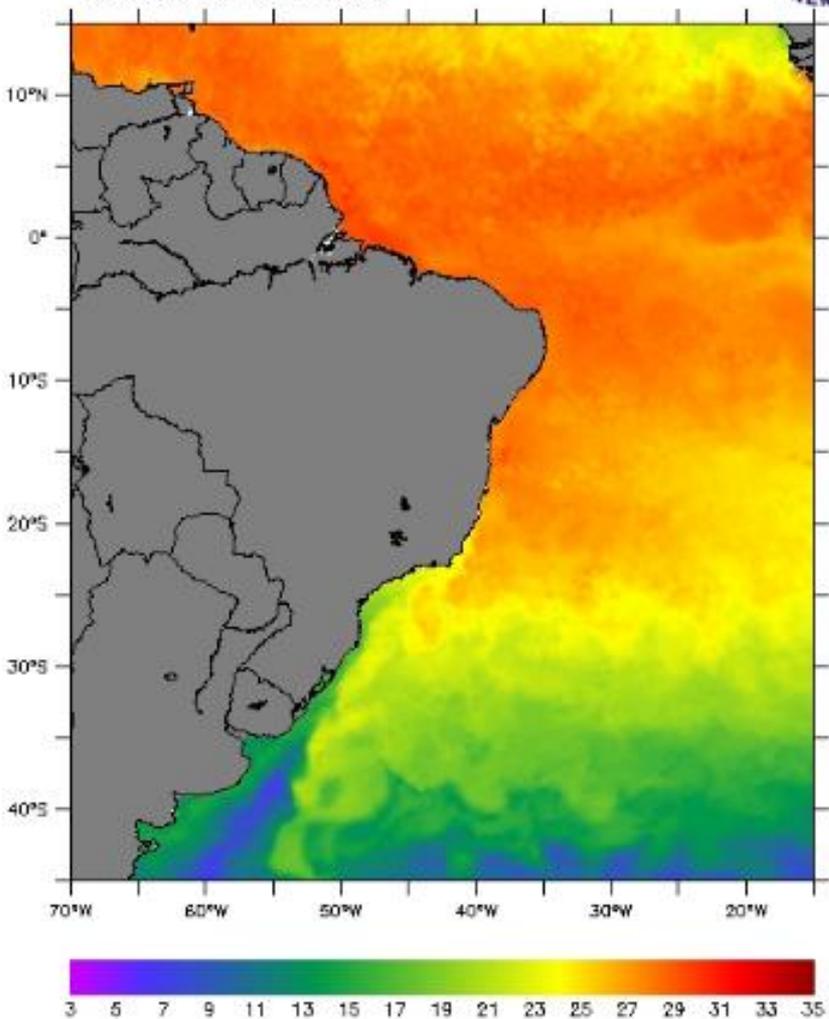
homepage: Rederemo.org





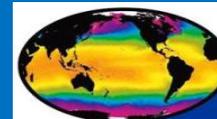
REMO'S SST timeseries

Rede de Modelagem e Observação Oceanográfica
Temperatura da Superfície do Mar (Celsius)
Válido para 01-JUN-2016



- Daily SST analysis (NOAA19, METOP-A, AMSR-2 & Windsat);
- Resolution: 0.05°;
- Validation is conducted every six months;

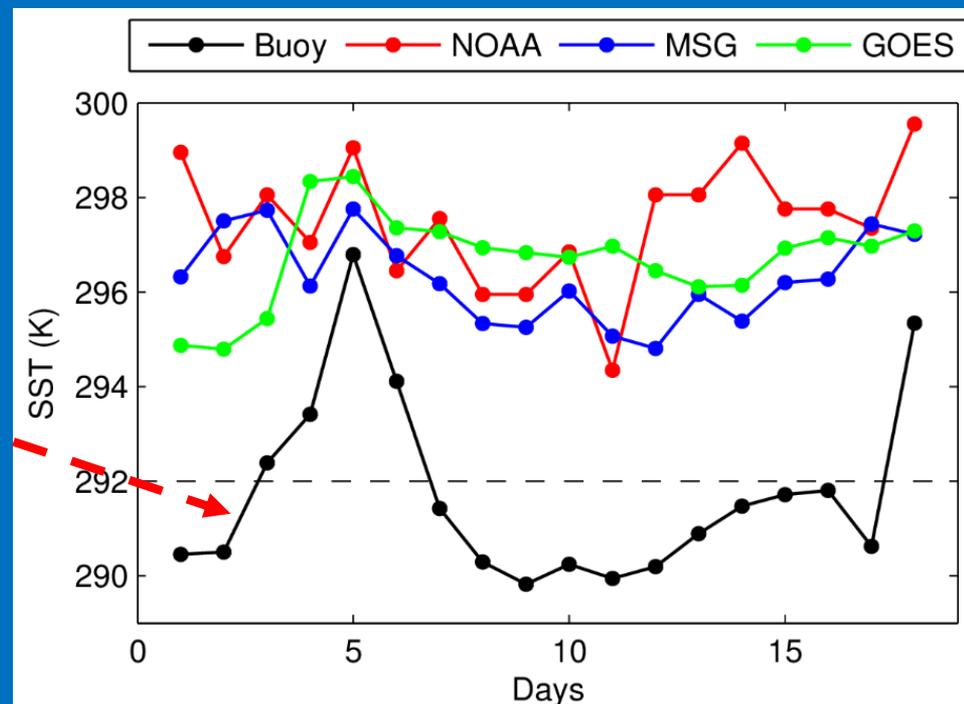
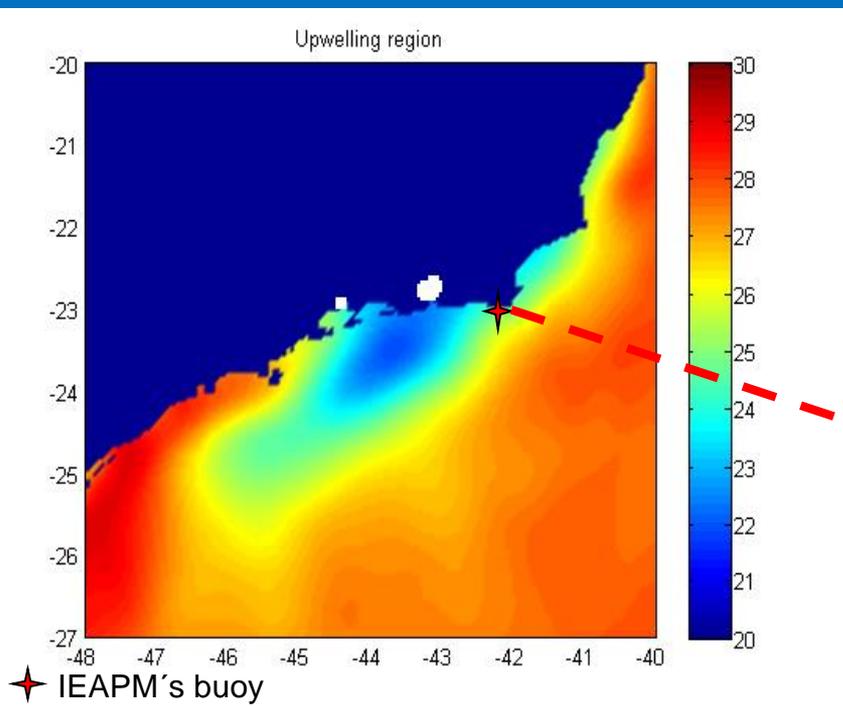
ftp://podaac-ftp.jpl.nasa.gov/allData/ghrsst/data/GDS2/L4/SAMERICA/UFRJ/REMO_OI_SST_5km/v1/



GHRSSST
Group for High Resolution
Sea Surface Temperature

Unexpected Positive bias of SST retrieval in southeast coast region in Brazil

Results: SST algorithms during coexistence of upwelling and atmospheric subsidence



SST analysis

Comparison between daily average SST_{buoy} and remotely-sensed SST retrieval using NOAA, METEOSAT and GOES data for the period from January 14th to February 13th, 2014. The upwelling event is characterized by $SST_{buoy} \leq 292$ K.

Results will be shown in session VII on Thursday !



Thanks!

