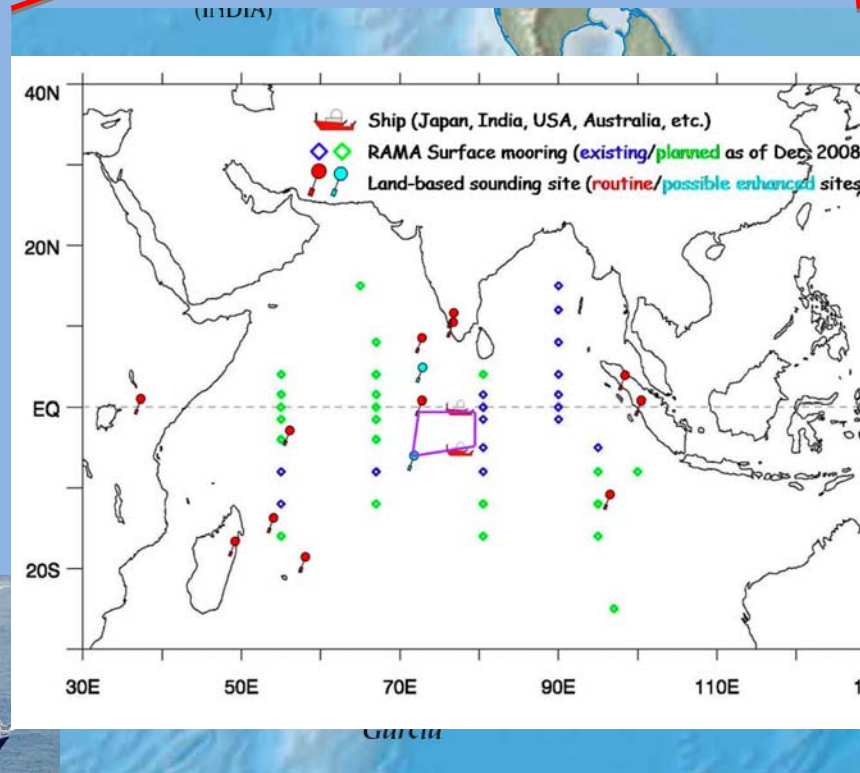
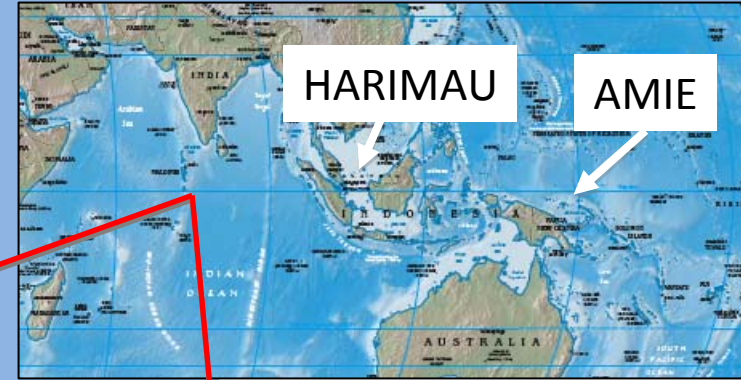


DYNAMO Observations

- ship with a precipitation Doppler radar (and other atm/ocean measurements)
- soundings from Diego Garcia
- AMF2
- SMART-R on Gan Island



R/V Ron Brown



R/V MIRAI

R/V Southern Surveyor



DYNAMO Modeling

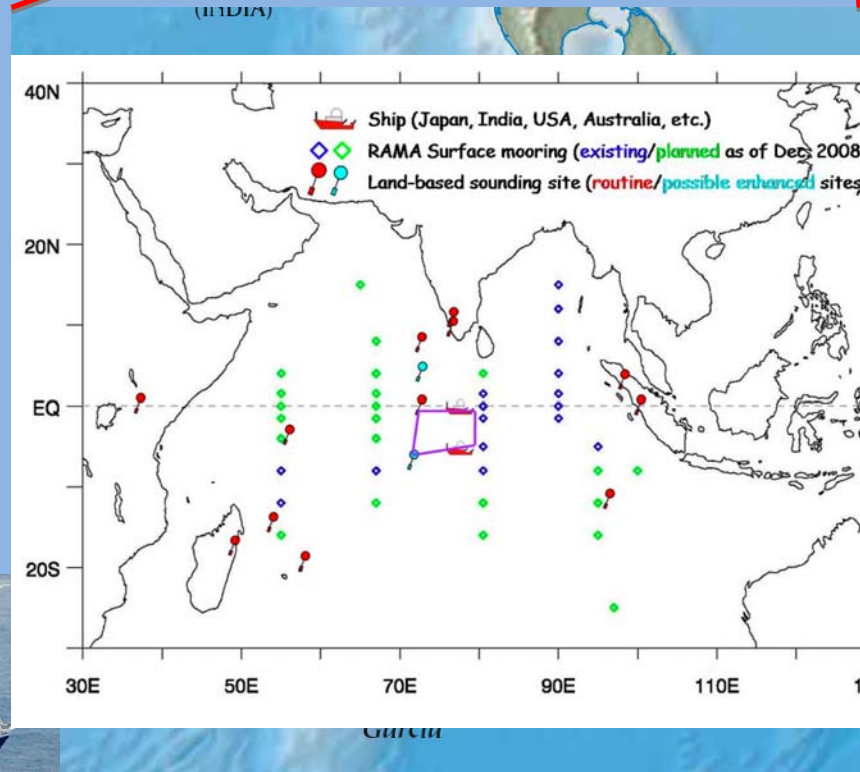
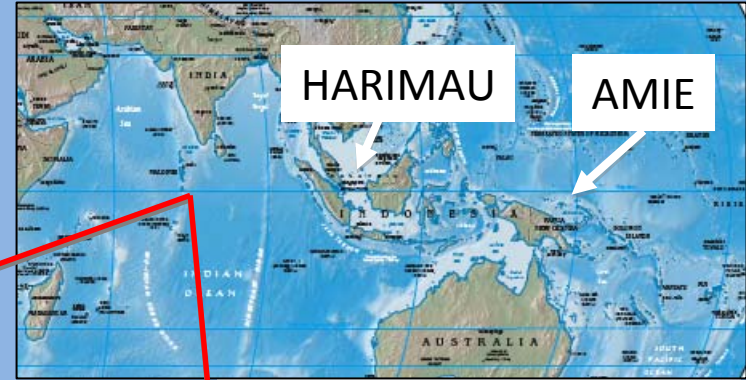
- Operation: NOAA-CFS,
NAVY-NOGAPS, COAMPS (?)
- Research:
 - global – CAM
 - tropical – NRCM
 - regional – WRF, IROAM, TIMLI (?)
 - cloud resolving – WRF, WU (?)
 - single column – WU (?)

Issues: Integration with the field campaign

- multi-model (CFS, NOGAPS, POAMA, GSM, etc.) ensemble MJO forecast
- MJO model comparisons (YOTC and beyond) and improvement cross-validation
- field observation interpretation and hypothesis testing

DYNAMO Partnership

- CINDY2011
- AMIE
- HARIMAU
- TRIO
- ONR "ISAW"
- YOTC (2?)



R/V Ron Brown



R/V MIRAI

R/V Southern Surveyor



DYNAMO Funding

- NOAA: R/V Ron Brown, NOAA PI
- NSF: UNOLS ship with a mobile Doppler radar, university PIs
- DOE: AMF2, (AMIE)
- ONR: (sea-air-wave interface, air-sea boundary layers)
- NASA: (TOGA radar on Diego Garcia, satellite validation - Glory)