

BOG on IOP Philippines

- Participants from CAMP2Ex, PISTON, SALICA, PAGASA, JAMSTEC, SCSTIMX, researchers and students
- Ongoing coordination between CAMP2Ex (aircraft) and PISTON (ship) with observation campaign scheduled within the period from 25 August to 5 October 2019
- SALICA proposal still under review
 - Plan to go at the latter part of the southwest monsoon season, if unable to go with Sally Ride
 - Interest in diurnal cycle over Mindanao
- CAMP2Ex to have an operations center in Clark
- Observations available
 - PAGASA: radar, station data to be shared with the group
 - TCCON site: LIDAR in Burgos
 - JAMSTEC: AWS in Laoag, LIDAR in Palau
 - SCSTIMX: radiosonde launchings from Taiping Island
 - Possibility of UP wave glider deployment west of Luzon (sensors include met station, surface and 8m CT, ADCP, fluorometer)

BOG on IOP Philippines (cont'd)

- Interest from PISTON to look at the gravity wave propagation
 - If possible, aircraft sampling by CAMP2Ex of the boundary layer throughout the day, perpendicular to the coast near Lingayen Gulf
 - CAMP2Ex aircraft constraints: most takeoffs around 6am PHT (might be able to do flights at 8am PHT) and return to Clark by 2pm PHT; P3 can handle small to moderate convection, not deep convection
 - PAGASA radars too far south or too high elevation for PISTON area
- Suggestion to do an East-West transect after takeoff from Clark then a North-South transect west off NW Luzon to sample the convective environment
- Convection over the eddy off the western coast of NW Luzon as potential area for sampling for the aircraft
 - Suggestion to do mesoscale simulations (perhaps with COAMPS ensemble) with climatological SST and varying SST to determine influence on convective activity in the area
- To choose a case study similar to the squall line along the NW Luzon current observed last 27 August 2018 (8am to 12pm PHT)