**DATA FILE INFORMATION FISH**

**PRIA FISH REA SITE DATA.Rdata & PRIA FISH REA SITE DATA.csv**

This is the site level data for all BLT and nSPC sites – to be used for generating bubble maps and developing narratives.

Data includes Lat/Long, Georegion, Year and Data, Reef\_ZONE, DEPTH\_BIN .. plus the various data categories TotFish, Scaridae, the 4 consumer groups, plus richness (R), Evenness (E) and Shannon\_Weiner ? Diversity (H).

I included georegion in there to help with developing narratives.

**PRIA FISH REA ENCOUNTER RATES.csv**

Contains listings of all fish species seen and encounter rate (% of sites seen at - nSPC only). Encounter rate is based on I&N data .. but all additional species recorded during F, T, or P periods, are also listed with encounter rate=0.

**PRIA REA FISH BY YEAR.RData**

These are island data per year and method for all the reporting values (and probably more) - but based ONLY on strata that were consistently sampled throughout (so trends are meaningful). This mostly means limiting the BLT data to whatever strata were consistently sampled, and removing occasional stray nSPC sites.

**PRIA FISH TOW METADATA.RData**

Is number of tows per year - all reef zones and depths.

Data used for annual totals will filter out backreef and lagoon as well as tows < 10m or > 20m deep (and tows shorter than 500m)

**PRIA FISH TOW BY YEAR.RData**

Contains data pooled at island/year combination (2001 and 2002 put as OBS\_YEAR=2001.5 .. because there were so few tows).

For this analysis

Tow segments <10m or >20m; or in backreef or lagoon were dropped

Tows shorter than 500m total are also dropped

Data columns that we will likely use are ReefSharks, Carangidae, BOMU and CHUD

**PRIA TOW SPECIES OBSERVED.csv**

List of all species seen in PRIA, with numbers recorded (transect and presence) per ISLAND

**PRIA TOW ENCOUNTERS BY SEGMENT.RData**

I row per segment .. with ISLAND, OBS\_YEAR, LAT/LONG, and # of CHUD, BOMU and ReefShark .. to be used for maps similar to done for Wake BOMU and CHUD in booklet

**BENTHIC**

**CLIMATE CHANGE**