1. Name: PACE Dataset subgroup

2. Members:
    - Emmanuel Boss
    - Wayne Slade
    - Stéphane Maritorena
    - Watson Gregg
    - Susanne Craig
    - Jeremy Werdell
    - ZhongPing Lee
    - Maria Tzortziou
    - Deric Gray
    - Rick A. Reynolds
    - Greg Mitchell
    - Cécile S. Rousseaux
    - Wesley J. Moses
    - Lachlan McKinna
    - Dave Miller
    - Mati Kahru

3. Objective for 2015:

    a. Create a high quality, diverse and complete database of existing multi- and hyperspectral IOP and Rrs data for the validation of remote sensing products and the development of algorithms for the PACE mission.

    b. Create a database of existing polarized IOP and polarized radiometric quantities using data from various sources.

The data for this database (to be organized similarly to the NOMAD and IOCCG IOP WG datasets) will come from within the PACE Science Team but also within the scientific community. We will advertise the need for those data (both polarized and non-polarized) to the community (e.g. on the IOCCG website). All the data will be quality controlled before the addition to the database. This database will be published at the end of the effort with every contributor as a co-author. The database will include (but not limited to) the following variables:

Location of data	
Latitude	
Longitude	
sst	Sea Surface Temperature
t_mld	Temperature MLD
wt	Water Temperature
sal	Salinity
depth	Depth of measurment
Rrs	Radiometry
a	Total absorption coefficient (aw+ap+ag)

a_p	Absorption coefficient of particles
ad	Absorption coefficient of non algal detritus
a_ph	Absorption coefficient of phytoplankton
agp	Absorption coefficient of Gelbstoff + particles
a_g	Absorption coefficient of Gelbstoff
bb	Total Backscattering Coefficient
bbp	Backscattering coefficient of particles
c_p	Beam attenuation coefficient of particles (ap+bb)
c	Beam attenuation coefficient
cgp (or cnw)	Attenuation coefficient of Gelbstoff+particles
VSF	Volume Scattering Function
cdmf	Fluorescence of CDOM
F_chl	Fluorescence of Chlorophyll