

Discussion Topic

Algorithm

CHL: - GLI chl ok for Japanese data

- Southern ocean difference
Plan 9/02 Polar algorithm
work shop

- Case 2 - still many problems
need more data and new
algorithm concepts

CDom - GLI algorithm underpredicts
Japanese data

- Does Western Pacific have
more CDom than eastern
Pacific (calCOFI)

- Evaluate methods, fitting
- Merge data for more robust
parameterizations

Inverse
Models &
neural
Networks

- show promise Tanaka/Pork
- need more work on forward
model
- need more data with SS, bb,
a, etc. with Rrs and chl a

- use ACE Asia / Cal Val / SeaWiFS / MODIS as test
- 2-3 Teams post launch GLI
 - comprehensive observations
 - in water optics
 - water analysis
 - Atmospheric optics
 - Rely on existing cruise scheduler

SIO ~~Team~~ Team

- ocean bio optics - Mitchell
- Atmosphere / calibration - Fraun
- collaborate with CICESE / IMMCOCA

April and July 2003 initialization

CalCOFI

PRR800
bb
ap/as/ad
chl, HPLC
SIMBAD
uTOPS
PRR600

IMMCOCA

PRR600
ap/as/ad
chl (HPLC?)
SIMBAD
(uTOPS?)

