

# SUMMIT 2007

## PSMIP Activities and Action Items

### CPTs

- Reviewed current CPTs
- Discussed Lessons learned, criteria for successful CPTs
- Discussed feedback from modeling centers on possible areas for future CPTs

Action item: Formulate committee to write white paper(s) providing guidance for future CPTs

Timeline: white paper by spring 2008.

Who: Sonya Legg and Bill Large and Piotr Flatau

# Best practices and process studies

- Reviewed ``best practices for process studies'', agreed these are important to follow, with slight rewording following process study PI feedback.
- Reviewed process studies progress in context of best practices

Action items: 1. Write BAMS ``inbox'' item on best practices

Timeline: end of 2007

Who: Meghan Cronin and Sonya Legg

2. Write letters to Process study PIs giving feedback regarding fulfillment of best practices

Timeline: Sept 2007

Who: Process study PSMIP liasons



# Process study field data stewardship

- Discussed concerns regarding intermediate and long-term storage and access to process study data sets

## Action items

- Identify most valuable process studies and field campaigns over past 10 years (by PSMIP Panel) and encourage review of their stewardship practices...
  1. Obtain feedback from funding programs, leaders of past major field campaigns, and others for data stewardship ideas, practices...
  2. Possible workshop addressing questions/make recommendations for best practices and strategies for provision of information and data from major field campaigns

Who: Terry Joyce, Meghan Cronin, Piotr Flatau

# Legacy elements of process studies

- Discussed how process studies can be used to augment/update the climate monitoring system.

Action item: Request feedback from post-field phase process studies for updates to observing system

Timeline: as and when process studies move into post field phase.

Who: Process study PSML liasons, in communication with POS



# Future process studies

- Minipump: discussed ongoing and upcoming individual PI work related to Pacific upwelling.

Action item: Request progress reports from PIs to act as input for possible Minipump planning document

Timeline: By next summit

Who: Bill Large and Meghan Cronin and Raf Ferrari

- Salinity process study: discussed recommendations of WG for possible salinity budget process study to coincide with Aquarius mission

Action item: Request WG for plans for implementation of recommendations

Timeline: By summit 2008; Who: Bill Large and Raf Ferrari

- IASCLIP: review science plans (PSMI liason – Xubin Zeng)

# Working Group proposal

- Coupled data assimilation (joint with POS) (Tony Lee, Hua Lu Pan)



# US CLIVAR

## Process Study & Model Improvement Panel (PSMIP) 2007 Summary Presentation

- 2. **Meghan Cronin, co-chair (NOAA - PMEL)**
- 3. Raffaele Ferrari (MIT)
- 3. Terry Joyce (WHOI)
- 2. Bill Large (NCAR)
- 4. **Sonya Legg, co-chair (Princeton)**
- 2. Hua Lu Pan (NOAA - NCEP)
- 2. Ken Sperber (Lawrence Livermore)
- 4. Paquita Zuidema (Miami)
- 4. Xubin Zeng (Arizona)
- 4. Piotr Flatau (SIO) (possible future co-chair)
- 4. Leo Donner (GFDL)