

YOTC MJO Task Force – 3rd Telecon

Meeting time: 21:00 GMT, 20th May, 2010.

Participants

13 members of the Task Force (all except Hai, Dave, and Ken)

Proposed Agenda

1. Korea workshop and meetings.
2. Scientific discussion of sub-theme 1 – Process oriented diagnostics

Documents sent for reference were:

1. Science slides for sub-theme 1. (MJO.TF.diags.ver4.pdf)

Meeting Minutes (by Matt)

1. Korea Workshop and Meetings

This discussion focussed on the meeting of the MJO TF scheduled for Monday 14th June in Korea.

Harry noted that agenda for sub-theme 3 (MJO Forecasting and Impacts) lacked a unifying presentation and coordination, unlike what has already occurred for sub-theme 1.

ACTION: Everyone in sub-theme 3 should e-mail a summary of their presentation ideas to the group for some preliminary discussion and coordination of presentations. Matt will modify agenda for the 14th based on this discussion.

Sub-theme 2 (Northern Summer monsoon ISV diagnostics/metrics) is also lacking coordination so far. Partly this is because Ken has been very busy. Joshua suggested that he could help to get the ball rolling by sending some plots and ideas to Ken.

Chidong asked about the aims of the meeting on the 14th. Will it be to have a specific set of recommendations? The answer was no, but it is likely that an end result of the meeting should be the selection of a few specific projects that we could tackle as a group.

Duane reminded everyone of the crucial role Daehyun Kim – a graduate student at the time played in helping achieve the aims of the CLIVAR working group, and asked that we work to try and recruit one or more students from those attending the workshop and give them a similar opportunity. Having the students/postdocs do intros at the workshop was discussed briefly as a means to highlight them to the group and facilitate the above.

ACTION: Matt, Duane, Ken and Harry to decide where to fit some time in the Workshop agenda to do students introductions. Perhaps insert it at 4:30pm on Day 1?

It was suggested that the MJO-TF should go out together for dinner after the meeting. Daehyun was identified to identify the restaurant.

2. Sub-theme 1 scientific discussion

It was decided that it would not be beneficial to step through the entire presentation during the telecon (it is 43 slides!). This would also be covered by the sub-theme 1 presentation at the meeting on the 14th.

Instead, the question was asked: Which of the diagnostics is the group focussing most on so far? Answer: The precipitation versus saturation fraction. E.g. slides 8 and 12. Concerns were also raised regarding data integrity, particularly in terms of very high rainfall rates. Sensitivity to grid size was also raised.

Lots of scientific discussion of this as well as Eric's aquaplanet simulations.

Some resulting ACTION items were:

- a. Harry to get Christian Jakob to summarize problems with defining convective precipitation fraction in models.
- b. Rich to get Dave Williamson at NCAR to provide information on aquaplanet modelling experiments.