

YOTC MJO Task Force – 2nd Telecon

Meeting time: 21:00 GMT, 16th March, 2010.

Participants

All 15 members of the Task Force

Proposed Agenda

1. Korea workshop and meetings.
 - a. Abstract due date is 19 March
 - b. Our MJO-TF meeting is now before the workshop, on the 14th June. Forecast sub-group may meet on afternoon of 18th.
 - c. Comments/questions on the attached Workshop agenda?
 - d. What do we want as an outcome of the meeting? Another BAMS meeting summary? Articulated strategies for work and progress?
2. Sub-theme activities (Process-oriented diagnostics, northern summer ISV diagnostics, MJO forecasting and impacts)
 - a. Is there anything we can do before Korea?
 - b. What are people already doing that can be included and communicated with the rest of the group?
3. Do we need/want another Telecon before Korea?

Documents sent for reference were:

1. Revised ToRs of Task Force
2. Minutes from last Telecon
3. Latest agenda of Workshop in Korea

Meeting Minutes

1. Korea Workshop and Meetings

People were reminded of the workshop dates. Current Workshop program only extends over 3 full days (i.e. 15th-17th), with the possibility of using the morning of the 18th. An all-day MJO Task Force meeting is scheduled for the 14th June, and the AAMP meeting starts on the afternoon of the 18th (and extending into the 19th).

Some discussion was made of how to organise the program for the 18th, and the decision was made to have the morning for further MJO-Task Force meeting so as to not overlap with the AAMP meeting in the afternoon.

ACTION: Matt to update this on agenda and to communicate this slight change to Carlos and others.

People were reminded/encouraged to submit abstracts to Ken by 19th March.

Chidong suggested that the abstracts should be made available for all to see and read prior to the Workshop. TF agreed.

ACTION: Matt to arrange with Carlos to get abstracts posted on AAMP/CLIVAR site and linked to from the YOTC MJO-TF site (or vice versa).

Rich asked about the expected number of attendees. Currently we are at about 50 invited researchers plus 10 supported students/postdocs. We expect about 1 poster per person, that is, about 60 posters. We only have the ability to have 34 posters up at a time, so each poster will probably only be up for 1 or 1.5 days each.

Chidong asked about poster size and whether they could be printed out on site.

Augustin asked about the use of “GoToMeeting” for providing real-time video/audio to people who aren’t available to attend.

Joshua asked about the expected length of the discussion sections. We think each session will comprise of 1.5 hours of talks, 1 hour of coffee/posters, and 1 hour of discussion. This adds up to 3.5 hours per session or 7 hours per day.

ACTION: Duane to email APCC contact about poster size, poster printing, coffee during posters, and GoToMeeting.

Harry asked whether we should aim to write a formal meeting summary for publication (such as in BAMS). Everyone agreed that this was a good idea, as it provides a citable reference.

It was suggested that we could use the students to take notes and the discussion leaders to write a summary of each session.

ACTION: Keep this in mind and arrange prior to workshop. This should include giving a copy of the BAMS meeting summary from the Irvine meeting to the students and discussion leaders for reference.

2. Sub-theme activities

The sub-themes and associated people proposed during the first Telecon are:

1. Process-oriented diagnostics

Dave, Eric, Rich, Daehyun, Harry, Chidong, Duane

2. Northern Summer monsoon ISV diagnostics/metrics

Ken, Joshua, Daehyun, Masaki, Matt, Eric

3. MJO forecasting and impacts (including TCs and higher latitude effects)

Frederic, Jon, Hai, Matt, Duane, Ken, Chidong, Masaki, Augustin, Joshua, Rich

How do we start making some progress? Can we do something before Korea?

Ken answered this to say that he intends to prepare a proposal to tackle sub-theme #2 that could be discussed at the next Telecon (before the Korea meeting). This proposal could be in the form of a powerpoint presentation that could be stepped-through during the next Telecon. It should articulate a strategy for the development of a diagnostic specific to the Northern Summer monsoon ISV and its northward propagation. This diagnostic would be modeled on the Wheeler-Hendon RMM index/diagnostic for the eastward-propagating MJO.

ACTION: Ken to prepare this proposal for discussion at the next Telecon (in early May).

Harry volunteered to do a similar thing for sub-theme #1.

ACTION: Harry to do something for sub-theme #1 with enough time for at least 1 iteration before the Korea Workshop.

Volunteers for initiating similar action for sub-theme #3 have yet to be identified.

Jon volunteered to provide an update on the current MJO forecast metric activity being coordinated at NCEP. Hai asked whether any skill comparisons had yet been made between the contributing forecast models. Jon would include this information in his update. However, this skill comparison is limited by the relatively short period of forecasts that have currently been collected (only a couple of years). Bin Wang's ISV hindcast activity should help in this regard.

The other sub-theme #3 activity that gained a lot of attention during the last Telecon was the MJO impact on TCs and the associated intraseasonal forecasting of TCs. Frederic is in a good position to provide a review of the current status of research on this topic as he is doing a similar thing for the upcoming International Workshop on Tropical Cyclones (IWTC).

ACTION: Matt to generate a draft agenda for the MJO TF meeting in Korea (on 14th June and morning of 18th). Jon and Frederic to be given time slots. Time should also be allotted for

Are there any others who are currently doing work that is relevant to sub-theme #3?

Rich described his CAPT forecast experiments with the NCAR CAM model, with 1/4-degree resolution, starting from ERA initial conditions. Joshua is also working on MJO forecast experiments.

ACTION: Rich and Joshua to be given slots to describe this work further during the MJO-TF meeting in Korea.

Harry asked Rich about the expense of running the CAM at such high resolution. Rich replied that they are only able to do it for a limited number of events. Duane

expressed that this is a common problem for all of the high resolution global modelling groups (e.g. NICAM, SPCAM, PCMDI, and NASA groups).

ACTION: MJO-TF meeting agenda (in Korea) should also include some coordination of these experiments so that they are run for common periods.

ACTION: Duane to start some e-mail coordination of the various groups as well in conjunction with the identified actions from the YOTC IP meeting and the initial email received from Bo-Wen Shen of GSFC who has started carrying out some of these high resolution experiments for YOTC and MJO TF.

3. Next Telecon

The time of 21:00 GMT still appears to be working for everyone. Suggested date of next meeting is 4th/5th May.

ACTION: Matt to arrange date for next meeting.

Further discussion by Matt/Ken/Harry/Duane on logistics of the Korean Workshop and Meetings was held at the conclusion of the Telecon.