

YOTC MJO Task Force – 1st Telecon

Meeting time: 21:00 GMT, 1st February, 2010.

Participants

| All 15 members of the Task Force

Proposed Agenda

1. Background of the MJO TF and confirm members
2. Summary of US-CLIVAR MJO Working Group and paper status
3. Terms of Reference. Are they enough/appropriate?
4. Plans for workshop in Korea
5. Plans for TF
6. Frequency/timing of telecons?

Meeting Minutes

1. Background of the MJO TF and confirm members

Attention was directed to the MJO TF web-page at <http://www.ucar.edu/yotc/mjo.html>

Everyone who was invited to be on the Task Force accepted the position, as listed on the TF web-page.

Duane summarized the programmatic location of the TF within WCRP and WWRP.

It has an initial term of 3 years.

2. Summary of US-CLIVAR MJO Working Group and paper status

Duane summarized the achievements of the now finished US-CLIVAR MJO Working Group, from which the MJO Task Force has evolved. Not everyone in the TF was involved in the MJO Working Group. Of special note are the 3 journal papers and a meeting summary that resulted:

1. Waliser et al. climate model diagnostic paper (J. Climate, published)
2. Kim et al. model intercomparison paper (J. Climate, published)
3. Gottschalck et al. forecast metric paper (BAMS, accepted)
4. Sperber and Waliser meeting summary (BAMS)

ACTION: Matt and Duane to organise for links to these 3 papers on TF web-site.

Harry also suggested links to the papers of Vitart et al., Hai Lin et al., and Rashid et al. in which the forecast metric has been applied to large hindcast datasets of individual centres.

ACTION: Duane to initiate a request to Pam to make a place for these papers on the web site.

The Bin Wang ISV hindcast project was discussed as a potentially valuable resource for the TF to assess the performance of models at predicting the MJO.

ACTION: Duane to send latest information on the Bin Wang ISV hindcast project to the TF

3. Terms of Reference. Are they enough/appropriate?

Harry commented that the “overall objective” looks like it should have been listed as an activity, and that a new overall objective was required. Others agreed.

Chidong wondered whether we needed to specify “convectively-coupled tropical waves”, or whether just the “MJO” was more appropriate. It was agreed to change to just the MJO.

Dave Raymond wondered whether there was scope for using models of varying complexity, or just GCMs? The consensus was yes, if that helps to define process-oriented metrics of the MJO.

ACTION: Duane and Harry to revise the TOR and circulate to the rest of the TF

4. Plans for workshop in Korea

Matt reminded everyone of the Monsoon ISV modelling Workshop to be held in Korea in June, which is being organised jointly with the AAMP. After and/or before the workshop the MJO TF will also have their first face-to-face meeting. The Monsoon ISV Modelling workshop is being modelled on the very successful MJO workshop held in Irvine in November 2007 (as organised by the US-CLIVAR MJO Working Group). The Monsoon ISV Modelling Workshop will be a completely scientific workshop (lasting ~3 days), whereas the MJO TF meeting will be more business like (lasting ~1.5 days).

For a summary of the Irvine Workshop, people are referred to the BAMS summary by Ken and Duane.

People were reminded to tell Carlos Ereno of their intention to come, and to also tell him of their requirements for travel support. Abstracts for the Workshop must be sent to Ken Sperber by the end of February.

The only members of the TF who indicated that they could not come were Satoh (conflict with other meeting), and probably Augustin (due to travel restrictions imposed by CPC allowing only Jon or Augustin to attend).

ACTION: E-mail reminder to all workshop participants needs to be sent by Carlos in which only content is the information on the abstract submission. This is to wait until program is better defined.

ACTION: Ken/Duane/Harry/Matt to work more on the Workshop Program and think of invited speakers.

It was also noted that there are a number of other events going on the week after the Workshop. Some of the TF members are going to the follow-on meetings and workshops. These include workshops being held at the APCC in Korea, as well as the Western Pacific Geophysics meeting being held in Taiwan.

5. Plans for TF

Discussions suggested that we could initially organise ourselves into 3 sub-themes, focussing on specific activities. These are:

1. Process-oriented diagnostics

Suggested people are: Dave, Eric, Rich, Daehyun, Harry, Chidong, Duane

2. Northern Summer monsoon ISV diagnostics/metrics

Suggested people are: Ken, Joshua Fu, Daehyun, Satoh, Matt, Eric

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

Suggested people are: Frederic, Jon, Hai Lin, Matt, Duane, Ken, Chidong, Satoh, Augustin, Joshua Fu, Rich

Whereas the US-CLIVAR MJO WG tended to focus on just one activity at a time, this 3-pronged approach could perhaps provide results sooner.

ACTION: These 3 sub-themes would be listed in these minutes and made open for comment.

Duane also mentioned the great benefit it was to the US-CLIVAR MJO Working Group of having the use of Daehyun Kim as a student (of In-Sik Kang, SNU) for implementing the climate model diagnostics. It would thus be useful to find one or more students like Daehyun again.

ACTION: TF members should think about people who could fill this role. Duane would write In-Sik again to see if another student may be available.

6. Frequency/timing of telecons?

We thought we should have further telecons like this one every 1.5 months. That allows for 2 more telecons before the Korean meeting.

It seems that people are generally okay with the time of day (21:00 GMT) used for this telecom, so we should try to stick to this time in future. Also, everyone has to work out for themselves how their local time (including changes with Daylight Savings time) correspond to this.

ACTION: Matt to e-mail out suggestions for telecom dates in mid-March for TF members to vote on.