

## AAMP8 Actions/statements

### *Introduction*

#### *Developments in A-A monsoon modeling and prediction*

- Inputs from K. Sperber session? Plus
- The panel agrees to organize analysis of existing hindcasts and propose new hindcast experiments on the impact of land surface (experiment) initialization. This is a project in collaboration with WGSIP and TFSP, which aims at studying how land surface initialization and land-atmosphere interaction affect the monsoon predictability. (Action: Bin Wang will take a lead but also Ben Kirtman).
- The panel agrees to organize analysis of existing hindcasts of the role of the MJO in the onset of the 1997 El Niño. . This is a project in collaboration with WGSIP, TFSP and the Pacific Ocean Panel, which aims at studying the ability of current models to simulate and predict the interaction of the MJO with a developing El Niño event (Action: Harry Hendon will take lead in collaboration with A Timmerman POP).
- The panel agrees to organize analysis of existing hindcasts of predictability of Indian Ocean Dipole . This is a project in collaboration with WGSIP, TFSP and Indian Ocean Panel which aims at studying the ability of current models to predict the IOD. Additional experiments will be proposed aimed at assessing the impact of an imperfect observing system in the Indian Ocean (Action: Harry Hendon will take lead in collaboration with S. Behera with input from the IOP).
- The panel endorses Schubert's proposal on High resolution modeling of MJO and TC (Action: In-Sik Kang will provide some wording for endorsement so that the relevance to AAMP is made clear)

#### *Intra-seasonal variability*

- Inputs from P. Webster session? Panel was asked to consider whether new observing/modelling initiatives need to be spun up to help address continuing problems in simulation and prediction of ISV with current generation forecast and climate models.

#### *Developments in ocean observing systems and the ocean's role in the A-A monsoon*

- Inputs from A. Schiller session? Panel was asked to consider developing a process study in conjunction with the IOP to address outstanding issues of ocean-atmosphere coupling in the Indian Ocean. Panel's opinion was that activities that leveraged on the improved IO observing system would be appropriate. Hendon to convey opinion to IOP via G Meyers.

#### *Developing Initiatives of interest (related to?) AAMP*

- The panel suggests that an endorsement of the WCRP/THORPEX Tropical Convection be forwarded to CLIVAR co-chairs, which they can then take to JSC. The should emphasize its importance to the mission of AAMP (Action: Duane Waliser will keep AAMP informed of its endorsement process via Harry Hendon and Bin Wang)
- Collaboration with MAIRS: workshop in Honolulu to elaborate a proposal to APN, some panel members will be invited (Action: panel members have to be prepared)
- Collaboration with MAHASRI: a regional modeling activity, the panel will have to name some people. (Action: Takeiko Satomura organizes a subcommittee to plan this activity)

- AAM session at JSC TFSP workshop in Barcelona June'07 (Action: Bin Wang will organize a monsoon session in conjunction with Ben Kirtman)

*The role of AAMP in the Asian Monsoon Year and the Pan-WCRP monsoon activity*

- For AMY'08 a coordinated body with representations from different panels or groups with science interest, like AAMP, should play active role in the international committee to help clarify key science issues, drafting plan etc (Action: Wang and possibly Hendon to attend AMY08 planning meeting in Beijing April 21-23 2007).
- The panel agreed AMY will benefit international coordination (a particular region). Good opportunity to integrate GEWEX activities. WCRP/WMO Directors ask for support of the tropical countries (Action: ??)
- Coordination of AMY'08 and the Joint WCRP/THOPEX Year of tropical convection (Action: Jianping Li will send info to Carlos to distribute as appropriate)
- The panel discussed the proposal of organizing an International Monsoon Year (IMY) with broader objectives than AMY. IMY will concern all the monsoon panels. Negative: too wide for coordination; Positive: maximizes benefits from having a common data set (Action: ??)
- The panel considered the idea of an International Year of the Tropics (IYT) as an alternative of a Monsoon Year. It would be an overarching program, which would have to include also the ocean panels, and a good opportunity to integrate GEWEX activities (Action: ??)

*AAMP links to the CLIVAR Pacific Panel*

- The panel proposes MJO- ENSO interaction experiments together with the Pacific Panel as a collaborative activity between AAMP and POP (Action: Harry Hendon (AAMP) and Axel Timmerman (POP) will draft a proposal for joint analysis of TFSP hindcasts)

*Links to the Indian Ocean Panel*

- The panel discussed the possibility to make a joint process study on IOD predictability with IOP. Organize scientific workshop / sessions together it was also suggested, recognising the benefit of the ocean observing system for AAMP to develop impacts studies in terms of observations (Action: Harry Hendon and Swadhin Behera will draft a proposal for joint analysis of TFSP hindcasts)

*Implementation of AAMP science/implementation plan*

- AAMP prospectus has to be updated (Action: Carlos Ereno will ask input from panel members) Recommend that web-links to endorsed activities be included on AAMP web page and kept up to date
- AAMP Focus newsletter, two main themes on science and applications (Action: Harry Hendon will solicit material from Holger Meinke and Peter Webster on applications - What can be said that will be concrete?)
- AAMP webpage update: there are a number of important links related to AAMP (Action: Carlos Ereno will receive info on the links from panel members)

*Next panel meeting*

- The panel suggests planning a 9th panel meeting in September 2008, if possible organize a joint international monsoon symposium, or consider a joint session with WMO IMS4. Panel members are encouraged to find a host institution (Action: Bill Wang will contact Chinese institutes to find a generous

host for the next Panel meeting and monsoon symposium. India is another possibility)