

AIP-9 Meeting, 18-19 Sept. 2008, WHOI

A goal for this meeting is a concise assessment of what has been accomplished so far and what specific tasks need to be undertaken in order to achieve predictions of climate on seasonal, interannual and decadal timescales. Beyond improving modelling skill, these tasks include evaluating the current status of various assimilation products and filling gaps in the Atlantic Observing System. We urge the various presentations to focus on the specific questions each program has (or will have) answered – and what questions will remain.

Short reports on :

- TACE, P. Brandt
- PIRATA, P. Nobre
- AMMA/VACS, C. Reason
- VAMOS, J. Marengo with Paulo Nobre
- South Atlantic Activities, A. Piola
- WAVES, P. Nobre
- Decadal Prediction protocol, T. Stockdale
- GSOP, D. Stammer
- CLIMECO, W. Hazeleger
- IMBER/SOLAS, A. Koertzinger
- WGOMD, S. Griffies
- WGSIP, B. Kirtman
- US CLIVAR activities, D. Legler
- CliC Arctic Sea Ice group (H. Eicken)

Panel Members:

Wilco Hazeleger
Ruth Curry
Yochanan Kushnir
Chris Reason
Bill Johns
Alberto Piola
Paulo Nobre
Nalan Koc
Laurent Terray
Peter Brandt
Stuart Cunningham

Guests invited:

Detlef Stammer
Jim Todd
Jerry Miller
Susan Lozier
Johanna Baehr
Ben Kirtman
Terry Joyce
Molly Baringer
Ping Chang

Panel members NOT COMING

Rowan Sutton
Arne Koertzinger (ex officio)
Svein Oesterhus
Geir Ottersen

ICPO:

Roberta Boscolo
Kate Stansfield

Day 1 – 18th September 2008

8:00 meet in the lobby of Nautilus Inn for a lift to meeting venue/ van leaves 8:15

8:30-9:00 arrival, coffee etc

9:00-9:45 Welcome, logistics, goals, agenda, review action items, CLIVAR/WCRP updates (W. Hazeleger, R. Curry and R. Boscolo)

9:45 -12:30 Tropical Atlantic Session.

- Introduction by W. Hazeleger
- TACE Overview (P. Brandt and P. Chang, 30 min.)
- PIRATA Review (P. Nobre, 20 min.)
- Discussion on agenda for the Toulouse workshop and where the science of tropical Atlantic variability should go (leading discussion P. Brandt, P. Nobre, B. Kirtman)

12:30-13:30 Lunch (offered by WHOI)

Afternoon: AMOC Session

The planned focus of the joint AIP/US AMOC afternoon workshop is on how to meet AMOC goals that are shared by the international community. The specific focus will be on the design and implementation of further components of an AMOC monitoring system.

13:30-13:45 Introduction and brief summary of US AMOC effort (*Susan Lozier*)

13:45-14:30 Discussion of the current gaps in our understanding of the AMOC and its variability (*Bill Johns*)

14:30-15:00: Discussion of the subset of these gaps that can be met with further measurements (*Molly Baringer*)

15:00-15:30 Coffee Break

15:30-16:15 Discussion of the measurement system that most efficiently closes these gaps (*Johnna Baehr*)

16:15-17:00 Discussion of how the U.S . can most effectively contribute to this measurement system in partnership with international collaborators (*Susan Lozier*)

17:00-17:30 Summary and recommendations (*Susan Lozier*)

Day 2 – 19th September 2008

8:15 Van leaves Nautilus Inn

8:30-9:00 arrival, coffee etc

9:00-10:30 South Atlantic session.

- South Atlantic observations (A. Piola, 20 min)
- WAVEs (P. Nobre, 20 min)
- Eastern South Atlantic initiatives (C. Reason, 20 min)
- Discussion on coordination and future activities (leading: A. Piola, P. Nobre and C. Reason)

10:30-11:00 coffee break

11:00-12:00 WCRP activities (Decadal Predictions).

- Review protocol (W. Hazeleger)
- Discussion on main priorities and follow up of 'Reading' workshop on decadal predictability

12:00-12:30 OceanObs09 (D. Stammer)

12:30 – 13:30 Lunch (offered by WHOI)

13:30-14:30 AIP legacy and WCRP future directions: telecon with Jim Hurrell

- What has CLIVAR AIP accomplished?
- Key science issues to address over the incoming years to 2013?
- Elements to be taken forward beyond next decade?
- New science to be addressed beyond 2013?

14:30-15:00 CLIMODE (T. Joyce)

15:00-15:30 Coffee Break

15:30-16:30 Links with other programs. Discussion on the written report:

- GSOP – activities using ocean synthesis products (D. Stammer)
- WGOMD (S. Griffies doc)
- IMBER/SOLAS & CLIMECO (W. Hazeleger)
- CliC Arctic Sea Ice group (R. Curry)
- Aquarius/SMOS cal/val initiatives (R. Curry, S. Cunningham, D. Stammer)

16:30-17:30. Panel issues:

- New membership and co-chair
- future workshops
- next meeting

18:30 Panel dinner chez Ruth Curry