

CLIVAR Working Group on Seasonal-to-Interannual Prediction 12th session

RSMAS, 12th -14th January 2009

AGENDA (Draft)

Monday 12th January 9.00 - 5.30 pm

- 1. Welcome and review of Agenda** (B. Kirtman and T. Stockdale (co-chairs, WGSIP))
 - 1.1. Opening remarks by M. Visbeck
 - 1.2. Structure and main aims of meeting
 - 1.3. Review of action items from last meeting

- 2. Reports on CLIVAR and WCRP activities**
 - 2.1. Summary report on overall CLIVAR / WCRP issues (A. Pirani and B. Kirtman)

- 3. Climate-system Historical Forecast Project (CHFP)** (B. Kirtman and T. Stockdale)
 - 3.1. List of models and status of data (all)
 - 3.2. Data servers at ECMWF, CIMA, APCC
 - 3.3. Datasets to be served locally
 - 3.4. Diagnostic sub-projects
 - led by WGSIP
 - proposed by others
 - 3.5. Future developments
 - Use of the data
 - Evolution of the data system
 - Additional experimentation

- 4. GEWEX and land surface issues** (R. Koster)
 - 4.1. GLACE-II reports
 - 4.2. Possible focus on land surface for a future meeting: analysis of CHFP, GLACE-II, operational systems and any other work.
 - 4.3. Any other comments on GEWEX links regarding CHFP?

- 5. SPARC and Stratospheric impacts** (A. Scaife)
 - 5.1. Proposed topic for the future: how will we address this, is CHFP and individual work sufficient, how do we interact with SPARC, sensitivity of results, what datasets etc.

- 6. Cryosphere issues** (J. Christensen)
 - 6.1. How will CHFP be analysed regarding the cryosphere
 - 6.2. Modelling and initialising sea-ice
 - 6.3. Linkages with CliC

- 7. WCC-3 in Geneva**
 - 7.1. Requirements on WGSIP, and implications for our work plan

8. Links to and encouragement of Applications

- 8.1. Status report on use of and need for research data in seasonal applications (A. Morse)
- 8.2. Reports on existing readiness of regional panels to make use of CHFP data
- 8.3. Consideration of further action:
 - Will the CHFP data servers, together with real-time distribution systems, be sufficient?
 - Do we need any actions to encourage regional panels to work with and or encourage use of the CHFP data?
 - Assessment workshop(s)

Tuesday 13th January 9.00 - 5.30pm

9. Decadal prediction (G. Boer and T. Stockdale)

- 9.1. Review of decadal prediction proposal, as approved by WGCM for use in CMIP5
- 9.2. Proposed joint subgroup with CMIP/WGCM/WGSIP
- 9.3. Data handling plans

10. Links to C20C project (A. Scaife)

11. Ocean observing system

- 11.1. How adequate is the present system for ENSO, and for SIP more generally?
- 11.2. How adequate for decadal prediction?
- 11.3. What is the evidence base for our assessment? Should we organize coordinated observing system experiments in the near future, later, or perhaps not at all?

12. Standard hindcast verification (T. Ose, all)

13. Other possible future projects, and linkages with other CLIVAR panels

- 13.1. ENSO prediction limits: some models now doing well at 12 month range, should we explore these longer ranges (eg up to 2 years??)
- 13.2. Focus on tropical Atlantic variability, in context of ARGO data
- 13.3. Focus on Indian Ocean variability and MJO
- 13.4. VAMOS Modeling Collaboration (P. Nobre and B. Kirtman)
- 13.5. SAWS multi-model forecasts for DMC and links to VACS (W. Landman)
- 13.6. AA Monsoon Panel (H. Hendon)
- 13.7. Assessment of seasonal prediction performance in CHFP for IPCC AR5?

14. Linkages between WGSIP and US CLIVAR (D. Legler, A. Kumar and B. Kirtman)

15. WGSIP priorities for remaining lifetime of CLIVAR

- 15.1. Input already given to CLIVAR SSG (B. Kirtman)
- 15.2. Our priorities for the next few years

16. Local presentations

- 16.1. A chance to enjoy some science presentations from our local hosts

Wednesday 14th January 2009 9.00am - 12 noon

17. Review of activities around the world (all)

17.1. Opportunity for all to present. Request is for 5-10 mins only, highlighting both strategic developments (in terms of science, not organizational issues) and any notable scientific highlights. Can include developments at institutes other than those represented at WGSIP (eg notable national or regional activities). Pre-circulation (or at least, availability at the time of the meeting) of a summary would be helpful.

18. Action items and organization of future activities (T. Stockdale and B. Kirtman).

- 18.1. Agreement on overall work plan and priorities
- 18.2. Action items for the coming year
- 18.3. Membership and distribution of responsibilities
- 18.4. Timing and possible locations for next WGSIP session.
- 18.5. Close of WGSIP session.