

Pro-forma for CLIVAR Panel and Working Group requests for SSG approval for meetings

1. Panel or Working Group: *CLIVAR WGSIP*

2. Title of meeting or workshop:
 12th Session

1. Proposed venue:
 *Rosenstiel School for Marine and Atmospheric
Science, University of Miami, Miami, USA*

3. Proposed dates: *12-14 January 2009*

4. Proposed attendees, including likely number:

WGSIP (14 members, note that GEWEX is represented by R. Koster and SPARC is represented by A. Scaife)

CLIVAR staff member (1)

Invited participants from US CLIVAR, University of Miami, APEC (~5)

5. Rationale, motivation and justification, including: relevance to CLIVAR themes & JSC cross cutting topics and any cross-panel/working group links and interactions involved:

WGSIP will be meeting for the first time since the 11th Session held in Barcelona in June 2007, when they also organised the WCRP Workshop on Seasonal Prediction. Since the last meeting, WGSIP has taken over responsibility for the TFSP activities, as requested by JSC.

The last meeting and the workshop saw the launch of the WCRP Climate-system Historical Forecast Project (CHFP) and the official transfer of the project to WGSIP for coordination and oversight. This is a multi-institutional coordinated experiment to test for potentially untapped predictability from all elements of the coupled physical system. The project will coordinate experiments from all four WCRP core projects to study the role of the ocean-atmosphere, cryosphere, stratosphere and land surface on the predictability of temperature and precipitation at seasonal timescales. The CLIVAR regional implementation panels have been charged with assessing skill at the regional level.

The status of the CHFP is reaching a critical point with agreement from various centers to host and distribute the multi-model output so that the wider research community will be able to access the data and contribute diagnostic sub-projects.

The WGSIP will also be discussing its role in the joint WGSIP-WGCM proposal for the next round of near-term climate coordinated experiments and how various WGSIP member organizations can participate in the project. In addition, WGSIP needs to formulate plans of how to ensure that the results of CHFP contribute to and coordinated with the near-term climate prediction experiments.

WGSIP will develop links to the WCRP monsoons cross cut. This will include evaluating the VAMOS Modelling Plan, how this will fit in the CHFP (and possibly decadal experiments). Representatives of the VAMOS modelling community (i.e., Saulo, Vera, Kirtman, Mapes (UM), Zhang (UM), Enfield (AOML), Wang (AOML)) are either on the panel or are local and can be included in relevant discussions.

Since the meeting will be held in Miami, WGSIP will take advantage of this opportunity to develop closer links with US CLIVAR panels and working groups. WGSIP will invite participants from the US CLIVAR Predictability, Predictions and Applications Interface Panel (PPAI) panel, as well as input from the (former) MJO working group and the working group currently being formed to address decadal variability and predictability. Local participants from the University of Miami will also be invited to give presentations.

6. Specific objectives and key agenda items:

The meeting will address CHFP management issues, including how to increase participation beyond the 10 modelling groups already participating and how to make the experiment results available and relevant to the seasonal forecast applications community. There will also be discussion of how the CHFP experiments can be leveraged and coordinated with the emerging near-term climate prediction experiments.

The meeting will also review submitted diagnostic projects and discuss how to take steps to enlarge the involvement of the wider WCRP community in diagnosis of the runs, including active participation through the WCRP projects and their panels

The WGSIP-WGCM proposal for near-term climate coordinated experiments will be reviewed with the expectation that WGSIP will endorse the plans for these experiments. WGSIP members will also report on regional seasonal prediction activities that they are representing enhancing communication between the major operational agencies involved in seasonal predictions.

A half-day will be dedicated to presentations from local invited participants. A conference call with the US CLIVAR PPAI panel has been proposed since it is unlikely that many PPAI members will be able to attend in person.

7. Anticipated outcomes (deliverables):

- Endorsement of the WGSIP-WGCM proposal for near-term climate coordinated experiments and final comments on the proposal.*
- Finalised data management and access plans for the CHFP*
- Agreed steps to ensure a broad advertisement of the CHFP and involvement of the WCRP and wider community in diagnosis*
- Identified links between WGSIP and US PPAI activities*

8. Format: 3 day meeting

9. Science Organising Committee (if relevant)

B. Kirtman, T. Stockdale, A. Pirani

10. Local Organising Committee (if relevant)

B. Kirtman