

## **JSC 30 Actions and Recommendations**

### Accomplishments report

1. Transform the report by projects into a publication and make this publication available for WCC-3, OceanObs and COP 15. Develop a timeline for production. (JPS)
2. Consider a lecture or a side event at SBSTA describing WCRP recent achievements, in particular TFRCD and WGCM. (JPS with Wainer and Flato and Semazzi)

### Capacity Building

3. Develop plans for regional training workshop on climate variability and change, in cooperation with ICTP, START, IRI and IAI (Boscolo, Giorgi, Vera, Goswami, Semazzi).
4. Develop a WCRP webpage on relevant capacity building and training activities (Boscolo).

### National Visibility

5. Explore means to increase WCRP visibility at the national level, including meeting with WMO Permanent Representatives (JSC members).
6. Prepare nationally-focussed material for in-country presentations (JPS).

### Task Force on Regional Climate Downscaling

7. JSC welcomed the CORDEX initiative as an important input to the IPCC AR5 and strongly encouraged higher resolution runs where possible, and urged the TF to identify areas for further research based on the outcomes (TFRCD).
8. TF should take into account ongoing activities such as the GEWEX regional model intercomparison and in CLIVAR VACS (TFRCD).

### GEWEX

9. Send to the JSC the GEWEX SSG review of the CEOP Implementation Plan and any CEOP actions in response (GEWEX IPO).
10. GEWEX and CliC to review historical data records for high latitude snow fall and precipitation.

### CliC

11. Invite a WGCM member to join the steering committee for the ice sheet modelling school in Oregon (CIPO).
12. Urge CliC, in collaboration with CLIVAR and WGCM, to establish a focussed group to review existing literature and promote the analysis needed to further the understanding and prediction of rapid loss of multi-year ice in the Arctic (Kattsov, lead).
13. CliC to engage more fully in the WCRP decadal and seasonal crosscuts.

#### WMO Information System

14. Provide JSC members and Chairs and Directors with information concerning the WMO Information System (WIS) (JPS).

#### ACC

15. Projects and WGs to provide input for webpage on WCRP activities related to ACC. (Hervé, Ram, Flato and Paris office).
16. Develop plans for a WCRP workshop in 2010 on interface between IPCC WG1 and WG2 (Hervé, Ram, Flato, Chairs WG1 and 2).

#### WGCM

17. WGCM, with WGNE and GEWEX, to encourage model analyses activities based on CMIP5 data set that will lead to recommendations for model improvement.
18. Encourage CLIVAR, GEWEX, SPARC and CliC to organize and publish analyses of CMIP5 output and post plans and links to results on ACC website (Paris Office, IPOs and Projects).

#### WGSIP

19. Encourage WGSIP to identify a vice chair from one of the other WCRP Projects.

#### Monsoons

20. GEWEX and CLIVAR to form a task force to develop plans to analyze CMIP5 results with respect to monsoons in a changing climate (Goswami (lead) with Wu and Semazzi, GEWEX and CLIVAR IPOs)

#### MJO

21. WCRP, with WWRP, to support two workshops on MJO with active participation of WGNE.

#### Sea Level

22. Develop a joint WCRP/ IOC Task Force on Sea Level Rise; make recommendations for revised ToRs for the Task Force to encourage engagement of WCRP core Projects and activities, ensure the representativeness of the TF membership and suggest A. Cazenave as a member of Steering Group (Steffen, Church).

#### Extremes

23. JSC was pleased with the initial focus of the extremes crosscut on drought and encouraged extension of the activities to other regions of the world (GEWEX and CLIVAR).

#### Future evolution of WCRP Modelling

24. WCRP to use WCC-3 and other upcoming opportunities to promote the recommendation for a Climate Prediction Project made by the World Modelling Summit (D/WCRP).
25. Propose to IGBP SC the formation of a WCRP/IGBP task force to develop a white paper discussing a strategy for predictive Earth system modelling (Busalacchi).
26. D/WCRP to thank WMP members for their years of service and successful outcome of the Modelling Summit. (D/WCRP)

#### Structure of WCRP post 2013

27. Vice Chair JSC to draft a strawman proposal for the post 2013 structure reflecting the discussions at JSC-30; distribute by end of April to JSC for review and comment by 15 May and then distribute to Chairs and Directors for consultation with their respective SSGs and WGs (Griggs, D/WCRP).

28. Organize a Chairs and Directors telecon in late June/early July 2009 to discuss the strawman proposal and project/wg inputs. Subsequently JPS to develop vision paper based on these inputs for wider review and comment (JPS).

#### International Project Offices

29. Noting that the oceans' role in climate is a central theme of WCRP research and recognizing the major contribution of the International CLIVAR Project Office to the successful implementation of WCRP activities in this domain, the JSC urged national sponsors to continue support for the ICPO.
30. The JSC underscored the invaluable contributions from all the Project Offices and agree that estimates of support to IPOs and in kind support to project activities would be included in future WCRP budget reports to the JSC (JPS).

#### Next Meeting

31. Focus of next JSC meeting to identify WCRP role in climate services (Chair JSC).
32. Explore possibility of co-locating with the Commission on Climatology meeting in Antalya, Turkey, in February 2010 (D/WCRP).