

## CLIVAR SSG 14 RECOMMENDATIONS AND ACTIONS

### GENERAL

Adopt CLIVAR metrics

Form an organizing committee for a workshop on climate impacts and the marine environment – with GLOBEC and IMBER; use opportunity of SCOR high level coordination meeting in London, Dec 06 to advance coordination; (Hazeleger lead).

Review all Panel and Working Group mandates in 2009, taking into consideration roadmap milestones

CLIVAR agrees to co-sponsor Arctic Climate Panel (what are the financial implications – match S. Ocean?) and encourages continued cross membership with the CLIVAR Atlantic Panel. Ask ACP to report to next SSG meeting on progress towards developing a climate observing system in the Arctic.

CLIVAR endorses TACE as a CLIVAR process study. Encourages development of extension to western Atlantic (WAVES). TACE to report to Atlantic and VACs panels.

Pass message to WCRP WG on Surface Fluxes to work with GEWEX to develop flux products which cover land and ocean (Valery)

### MONSOONS/ TROPICS

CLIVAR support for Proposal for WCRP/THORPEX year of coordinated observing, modeling and forecasting of the tropics – Waliser to take lead in further developing plans for this in cooperation with AAMP, WOAP, WMP, GEWEX, THORPEX and other relevant groups. Plan for 2008 as a WCRP contribution to UN Year of Planet Earth; complement to IPY.

AAMP to review MAHASRI plan and report to clivar SSG;

All monsoon panels to review CEOP II plan.

CLIVAR will support a limited number of international participants in US CLIVAR Subseasonal variation /MJO working group

SSG to review VAMOS modeling plan; VAMOS to invite GEWEX to review it as well; SSG to submit plan to WMP for review after iteration with the VAMOS

Encourage VOCALS to continue to develop active links with GEWEX Cloud System Study (GCSS).

Agreed Indian Ocean Panel extension for 3 years as an independent basin panel; revisit TORS, in particular with regards to links to AAMP and other CLIVAR panels

## **ACC**

Write pan-CLIVAR review paper on assessment of anthropogenic forcing on natural modes of variability (ENSO, etc) based on AR4 integrations and atmos/ocean data analyses. Plan CLIVAR ACC workshop for 2007 (Palmer coordinator); publish report for 2008 Year of Planet Earth.

All Panels and working groups to nominate someone to contribute to review paper on anthropogenic forcing on natural modes of variability.

## **MODELLING**

Change TOR for WGOMD from mid/high latitude to global and to report solely to CLIVAR and CLIVAR co-chair of WGCM

Continue to encourage CLIVAR panels to analyze SMIP data sets for their regions and feed back to WGSIP; WGSIP to identify members to liaise with panels on this.

SSG to write to all CLIVAR panels and wgs asking them to develop sessions for the June 2007 Seasonal prediction workshop. (relate to above).

Invite ex officio members from other WCRP projects to join WGSIP to enable effective transition of TFSP to WGSIP while maintaining cross-WCRP links .

WGSIP to raise issue of future of AMIP type activities with WGNE, noting desirability of more coupled activities for the prediction problem

## **DECCEN/ THC**

CLIVAR to coordinate systematic development of proxies (obs and modeling) for the meridional overturning circulation (Atlantic Panel)

## **OCEANS**

Lend CLIVAR support to the campaign to create an Ocean Observation System Centre (to be expanded on Sat in disc of roadmap)

Remind CLIVAR researchers of the need to submit all data in real time for model evaluation, etc. (via Exchanges)

GSOP to develop CLIVAR reference data sets with error bars, and make them widely known

GSOP to work with Atlantic Panel on Atlantic synthesis in cooperation with IOCCP. (ask detlef to refine rec)

Begin plans for an OceanObs follow on in 2008 as part of CLIVAR annual workshop devoted to the Oceans' role in climate; include issues such as Ocean Obs Data Centre, measurement of ocean currents and transports, etc

Establish need for a hydrography planning and oversight group with reference to outputs from recent Hydrography workshop (ICPO to coordinate with Weller and Hood)

Ask Basin panels and other working groups to analyse ocean synthesis products and feed back to GSOP

ICPO to continue its support to the intl hydrography and carbon research community

Wilco to formulate response to IOC doc based on comments from SSG members and others on IOC discussion document on Climate Impacts on the Marine Environment to ICPO by 15 May (CLIVAR SSG 14 Doc 2.2).

## **OUTREACH**

All CLIVAR panels and working groups to send Heidi Cullen any available videos, blogs or other information for posting on new Weather Channel broadband (web) station.

ICPO to post Palmer explication of probabilistic forecasting on web with other links (from Heidi Cullen)

ICPO to work with NOC public relations office to raise visibility of CLIVAR; include “CLIVAR in the news” on the website. Highlight new publications on web, eg Med CLIVAR book, Journal of Climate issue

Encourage SSG members to organize national reports on CLIVAR activities to raise programme visibility.

## **ICPO**

ICPO to follow up with VACS and George Philander to develop possible collaborations with African Centre for Mathematical Sciences

Determine CCI and JCOMM support for ETCCDI (Valery)

Follow up on CLIVAR involvement in CCI ENSO definition

Compile comments/ feedback on latest VAMOS newsletter for WCRP JPS. (Paula)

ICPO to ask GCOS for GCOS-CEOS satellite requirements document and liaise with GSOP on any CLIVAR response.

Engage in discussion with IOP and AAMP to define relative roles and collaborations.

ICPO to survey list of CLIVAR data assembly centres concerning their status. Review their mandates.

ICPO to add links to data pages on clivar website as a matter of priority

Print extra copies of October issue of Exchanges (Indian Ocean) to include in ESSP OSC registration package; also consider including information sheets which were produced for Baltimore Conference.