

Pages Panel Meeting

Friday 28th November, Denver

Introduction

- Introduction to CLIVAR/PAGES. Concern from Clivar's perspective that the group has drifted more into paleo agenda. Therefore need more Clivar interaction.
- The aim of the meeting is to discuss where the panel is heading, covering aspects such as personnel, future workshops etc. Also where does this sort of facilitation sit within the current WCRP and Pages structure?
- Introduced ocean 2k initiative (which was communicated to Clivar SSG recently).
- Summary of workshops:
 - Trieste workshop 2008 → report on the NOAA website, and white paper on gateway to NOAA paleo
 - Switzerland workshop → high res paper

Agenda Item 1

- Overviews were provided of the discussions from the recent strategic session, and of how Pages and Clivar work:
 - Pages

Usually have working groups, with a specific mandate/topic, which work towards goals and have a beginning and an end (i.e. a limited lifetime). Governed by 1-4 co-leaders who communicate by email and involve other people when carrying out activities. Bottom up i.e. identify important problems and self-organise. Currently Pages has over 20 working groups (but a lot of integration and overlap between some subsets).
 - Clivar

Overview of structure/membership/funding provided, plus an overview of AAMP activities; this group interacts with other Clivar groups (e.g. WGSIP) and there is an opening for interaction with paleo community. The Clivar Atlantic panel endorses workshops and oversees the various programmes going on within the region. Progress on research is reviewed at each panel meeting. Had a paleo person as a standing member for some time but this did not lead to anything of substance. Need people who look at the broader picture.
- The following questions were posed: should the Clivar/Pages intersection be topic-driven or more broad like the basin panels? Also where does the panel sit within WCRP (i.e. Gewex, CliC, Clivar)? Should it cut across all WCRP core projects, e.g. as an interest group? Thoughts are listed below but it was requested that any other thoughts be emailed to the panel co-chairs.

ACTION: Attendees to email thoughts regarding the future of the panel to the co-chairs.

Thoughts from Panel Members:

- Need more interaction and more exposure.
- See the panel as part of a communication process – appetite for more meetings and workshops, so that Clivar and Paleo communities come together more often. It should be focussed on processes or phenomena, rather than timescales. Bottom up approach favoured.
- Workshops are really highlights of the panel (and papers that come out of the workshops).
- Bottom up approach works well when everyone is speaking the same language and has the same goals. But would this work for the intersection? Argument for top down approach. Need people who are passionate about the *intersection*.
- Should be reaching out to climate variability community. Agree with a 'theme' e.g. AMOC.
- Decadal/high resolution timescales have been the focus of workshops in the past. Should be expanded to include longer timescales. Need someone to take a lead on these, however.
- Need for this forum to bridge the gaps between different disciplines and institutions.
- Vision document highlighted the key themes to focus on.
- Need to bring more clivar people to the table and keep it as a panel with formal membership rotations.
- The formal structure poses difficulties e.g. time lags and not being able to work with the people you want to.
- A WCRP wide panel would be too broad.
- Good idea to broaden to reduce the limitations – which may be the reason for the panel's inactivity.
- Restrictive if just Clivar-relevant.

Thoughts from AAMP representative:

- Advantage would be to test the models in paleo regimes.
- AAMP would like to be kept informed of any relevant work.

ACTION: Clivar/Pages intersection to keep AAMP informed of relevant work.

Thoughts from Pages representative:

- Should always justify why it is PAGES/CLIVAR, rather than just pages. Paleo workshops are not sufficient.

Thoughts from Atlantic panel representative

- Revisit the vision document?

ACTION: Panel to revisit the vision document.

Agenda Item 2

- An overview of the Hawaii workshop was provided. The aim is to make sure that the paleo simulations in CMIP5 archive get used in the right way and to formulated best practice in analyzing paleo runs. A key aim is to test model skill that discriminate against outcomes in the models in the future. The workshop is intended to inform the IPCC report.
- Currently funding is secured from NOAA, Clivar and Pages, and an application to NSF will be submitted. The organisers have also asked for Japanese money to fund Japanese participants. It is hoped that around 30 participants will be funded (aiming for 40-50 total attendees).
- Announcements to be circulated via Pages and Clivar networks.
- It was pointed out that it would be beneficial to have a paleo representative on the WGCM CMIP workshop committee.
- In terms of funding, it was noted that it would be useful to get a list of the grants that have been given by NSF etc. for CMIP. Could make people aware that they could attend the paleo workshop as well.

ACTION: Circulate workshop announcement via Pages and Clivar networks.

ACTION: Check that there is a paleo representative on the WGCM CMIP workshop committee.

ACTION: Obtain the list of recipients of funding for the CMIP workshop and contact regarding the paleo workshop.

Agenda Item 3

- There was a call for suggestions for new panel members:

Dave Battisti, University of Washington

Tim Del Sole

Jake Gebbie

Mike Evans

Axel Timmermann

Jonathan Gregory

Matt Collins

- It was suggested that an open call is submitted to the Clivar and Pages networks. This should include a link to the vision document and an overview of the anticipated commitments of panel members (e.g. meet at meetings that people are already going to, Webex teleconferences/skype meetings say twice a year). The names that have been put forward should be copied to the announcement.
- It was requested that attendees also email other suggestions to the co-chairs.
- Part of the mandate of new group should be to update the new vision document.
- Andreas and Paul indicated that they should rotate off.
- It was decided that the drop off of present panel members should be staggered the drop off.

ACTION: Circulate an open call to membership via the Clivar and Pages networks.

ACTION: Commence bi-annual teleconferences, in addition to a yearly meet at a meeting that most will attend anyway (e.g. AGU?)

ACTION: Attendees to submit further membership suggestions to the co-chairs.

ACTION: Panel to update the vision document once first membership rotation has been completed.

Agenda Item 4

Ocean 2k Initiative

- An overview of the Ocean 2k Initiative was provided. It was noted that Valerie is now involved with the initiative, making a clear link with Clivar. Updates on the project will be sent to the intersection panel, and forwarded on to the Clivar basin panels via the ICPO.
- It was noted that the panel could support a workshop on this initiative, potentially in Spring 2013? Specifically proxies for sea ice?

ACTION: Updates on the Ocean 2k Initiative to be sent to the intersection, and passed on to the Clivar basin panels via ICPO.

ACTION: Spring 2013 workshop?

US AMOC Program

- An overview of the US AMOC Program was provided. One of the main goals of the project is the investigation of climate sensitivity, which ties in with Clivar activities. Other countries have been engaged (e.g. UK Rapid programme) but now the aim is to get all countries to collaborate on AMOC research – this is a natural link between Clivar/Pages and the Clivar Atlantic panel.
- The next meeting is in August 2012 at NCAR. One of the themes of the meeting will be fingerprinting of AMOC, therefore they are looking to have

participation from the paleo community. A couple of names were put forward (Jean Lynch, Dalia Oppo).

ACTION: Panel to identify people who would participate and whose research is relevant, and submit to co-chairs (via Google document). Co-chairs to submit final list to Bill Johns (chair) and organisers.

PMIP/ENSO

- It would be good to reach the Clivar community to see if there would be interest in engaging in this activity. Data synthesis/PMIP investigation starting next year.
- It was suggested that for activities such as this (from both sides), a regular call could be circulated to the Clivar and Pages networks to communicate what's going on and encourage engagement from the other side.
- Also have a regular slot in a newsletter... Kim to send a write up and ICPO to send on.
- Monsoon workshop (AAMP) 10-12 Sep 2012. Who would be interested? Andy to send information to Valerie and Gavin and sent through networks.

ACTION: Panel members to submit information on relevant activities to the project offices/co-chairs for circulation through the Clivar and Pages networks.

ACTION: Kim to send write up on PMIP/ENSO activity to project offices/co-chairs for circulation around networks.

ACTION: Andy to send information on monsoon workshop to project offices/co-chairs for circulation around networks.