

1. Report by Marilyn Raphael on relevant activities within CliC

Marilyn gave an overview to the group of CliC activities relevant to the GC. She summarized these activities in writing in the paragraphs below:

Decadal Scale related activities within CliC are mostly in PCPI – Polar Climate Predictability Project (SPARC and CliC), and the CliC Sea Ice Modeling Forum

PCPI has two initiatives (3 and 4) that have a direct bearing on NTCP

Initiative 3 (I3): Seasonal to decadal prediction (*Improve understanding of polar predictability on seasonal to decadal timescales. (joint with PPP) led by Ed Hawkins and John Fyfe*)

Held a Polar Predictability Workshop at Lamont, NY, USA – May 2016 – Cecilia Bitz is working on the report of that meeting. It focused on seasonal to interannual predictability. Planned (2017) to follow on from that workshop is one focused on Decadal variability: *Polar Prediction Workshop 2017 - Alfred Wegener Institute, Bremerhaven, Germany 27-29 March. It will be joint with CliC Sea Ice MIP Workshop on 29-30 March*

Initiative 4 (I4): Coupled Model Analysis (*Assess performance of CMIP5* models in polar regions*). Hugues Goosse, Jen Kay (*Coupled Model Analysis*)

Held a Feedbacks workshop at UCL (Université catholique de Louvain) in February, 2016. – One outcome of this workshop is a BAMS article currently in draft form with a tentative title: ***Beyond radiative feedbacks: a process-oriented perspective on climate feedbacks in polar regions***

A workshop on Southern Ocean coupled processes and predictability, possibly joint with SCAR/CLIVAR/CliC Southern Ocean Regional Panel is under discussion. Concrete plans have not yet been made because the key people involved have responsibilities at the IGS meeting at Scripps and the CLIVAR meeting in Beijing in September. Note that at these meetings (IS and CLIVAR) Decadal Climate Prediction etc. will be discussed.

I4 will work with I3 on this proposed Southern Ocean coupled processes and predictability workshop because of the thinking that model biases in the Southern Ocean need to be addressed as a coupled problem. A suggested focus is on mean state biases and their impact on seasonal to decadal prediction.

Planning ahead for CMIP6 – PCPI plans a telecon/Go2Meeting about CMIP6 in a few months when we know more about AR6 schedule. A skype meeting with Cecilia Bitz and myself is scheduled for next Thursday with one aim being to set up the telecon.